**Notice of Regular**
**The Board of Trustees**
**Granbury ISD**
**Monday, December 15, 2014**
**4:00 PM**

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A Regular of the Board of Trustees of Granbury ISD will be held Monday, December 15, 2014, beginning at 4:00 PM in the Granbury ISD Board Room, 600 West Pearl St., Granbury, TX 76048, W Pearl St, Granbury, TX 76048.

The subjects to be discussed or considered or upon which any formal action may be taken are as listed below. Items do not have to be taken in the order shown on this meeting notice.

1. Call to order - 4:00 PM - GISD Board Room
2. Workshop on Pay Systems led by Texas Association of School Boards
3. Convene in closed session under the Texas Open Meetings Act, Texas Government Code Section 551.001 et seq.
    a. Chapter 551.074 - Personnel, Discussion of Employee Evaluation, Reassignment Duties, Discipline, or Dismissal.
        1. Consider Staff Appointments
    b. Chapter 551.072 - Purchase, exchange, lease or value of real property
4. Reconvene in open session - 6:00 PM
5. Moment of Silence/Invocation
6. Pledges - U.S. Flag & Texas Flag
7. Achievement Spotlight
    a. Affinity F1 Team: Hayden Coppenbarger, Christina Hager, Tyler Johnson, Ian McMasters, Chloe Scroggins, Cade Timmons, Daniel Valdez, Tommy Wallace
    b. All-State Volleyball Players: Aubrey Ezell, Amber Strange
    c. Thespian Festival National Qualifiers: Baylee Davis, Kiersten Mathis, Dakota Medlin, Kimbria Younkin
    d. State Congress Qualifier: Lauren Berry
8. Public comments/audience participation
9. Discussion/Action
    a. Consider Consent Agenda Items
        1. Minutes of the November 17, 2014, Regular Meeting 3
        2. Consider Budget Amendments 6
        3. Consider Renewal of Charter Bus Services CSP #2014-07 9
        4. Consider Purchase of 77-Passenger Buses - Buy Board Quote 11
        5. Consider Renewal of Printing & Copying Services #CSP 2013-07 12
        6. Consider Purchase of Building Permits 14
        7. Consider Purchase of Geotechnical Engineering Services 15
    b. Policy Review Session recommendations and instructions regarding (LOCAL) policies; [see attached list]. 16
    c. Consider Technology Plan 17
    d. Consider Lease Agreement with the Boys & Girls Club of Hood County 40
    e. Consider New Proposal for Copy Paper CSP #2015-03 42
10. Reports
    a. Superintendent's Report
        1. Facilities Report
    b. Facilities and Maintenance 45
    c. Texas Academic Performance Report (TAPR) 64
    d. Financial Statements for Period Ending for September 30, 2014 and October 31, 2014 85
    e. Cash Flow and Investment Reports for Period Ending September 30, 2014 and October 31, 2014 91
    f. Bond Expenditures Monthly Update for Period Ending November 30, 2014 94
    g. Policy Update 101 96
    h. Course Catalog 2015-2016 97
11. Consider action on items discussed in closed session

a. Consider Staff Appointments
b. Consider purchase, exchange, lease or value of real property

12. Adjourn

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*If, during the course of the meeting, discussion of any item on the agenda should be held in a closed meeting, the Board will conduct a closed meeting in accordance with the Texas Open Meetings Act, Government Code, Chapter 551, Subchapters D and E. Before any closed meeting is convened, the presiding officer will publicly identify the section or sections of the Act authorizing the closed meeting. All final votes, actions, or decisions will be taken in open meeting.*

**On Friday, December 12, 2014 this notice was faxed or mailed to the news media who have previously requested such notice, posted on the GISD web page at www.granburyisd.org, and an original was posted on an outside door at 3:00 p.m. at the School District Administration Building at 217 N. Jones St., Granbury, Texas.**

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**Superintendent or Designee (For the Board of Trustees)**

# Granbury ISD
## Board of Trustees
## Minutes of Regular Meeting
### November 17, 2014

A Regular of the Board of Trustees of Granbury ISD was held Monday, November 17, 2014, beginning at 6:00 PM in the Granbury ISD Board Room, 600 West Pearl St., Granbury, TX 76048.

Presiding Officer..... Mark A. Jackson, President

**Board Members Present**

Nancy Alana
Barbara Herrington
Joe Jones
Micky Shearon
Don Walton left at 6:00 p.m.

**Board Members Absent**

B.J. Wallace

**School Officials Present**

Dr. James M. Largent, Superintendent
Carol Howard, Assistant Superintendent for Administrative Services
Dobie Williams, Assistant Superintendent for Finance & Operations
Tom Howard, Director of Human Resources
Amy Wood, Technology Director
Jeff Meador, Public Information Officer
Sandy Bruner, Recording Secretary

**Others Present**

School Employees
Media
Community Members

**Meeting Called to Order**

Mark A. Jackson, President, called the meeting to order at 5:02 p.m. and noted that a quorum of board members was present. The meeting was duly called and that notice of the meeting was posted in accordance with the Texas Open Meetings Act, Texas Government Code, Chapter 551.

**Convened in Closed Session**

The Board of Trustees convened in closed session at 5:03 p.m. under the Texas Open Meeting Act, Chapter 551.072 – purchase, exchange, lease or value of real property and 551.074 – personnel.

**Reconvened**

The Board of Trustees reconvened in open session at 6:00 p.m.

**Moment of Silence/Invocation**

Mark Jackson led the invocation.

**Pledge - U.S. Flag and Texas Flag**

Matthew Walters, Aalirah Perkins, Halli Eagle, and Avery McCall from Acton Elementary school led the Pledges.

**Achievement Spotlight**

Chanda Smith, Programs Chair, reported on Granbury ISD Education Foundation Grants awarding $43,000.00 in Fall Grants.

Betty White, Baccus Elementary School Counselor, and Jimmy Dawson AMS Principal, recognized the Texas School Counselors Association Awards for Leslie Tewell, Baccus Principal and DD Loftin, AMS Counselor.

**Public comments/audience participation**
None

**Discussion/Action**

**Consider Consent Agenda Items**

Minutes of the October 20, 2014 Regular Meeting, and November 3, 2014 Special Meeting; 2. Consider Budget Amendments; 3. Consider Renewal of Guidance and Evaluation Supplies and Materials and Testing Materials #2013-02 (2nd renewal); 4. Consider Purchase of Vehicles - Pickup Trucks CSP 2015-02 (new)as presented.
A Motion was made by Barbara Herrington and seconded by Micky Shearon to approve consent items as presented. Motion Carried: 5 Yes – 0 No

**Discuss Policy Review Session recommendations and instructions regarding (LOCAL) policies;** [see attached list].
No action taken.

**Consider voting for two nominations to the Hood County Appraisal District Board of Directors**
A Motion was made by Micky Shearon and seconded by Barbara Herrington to nominate Joe Jones to the Hood County Appraisal District Board of Directors.
Motion Carried: Yes 5 - 0 No.
A Motion was made by Micky Shearon and seconded by Nancy Alana to nominate Brian Thomas to the Hood County Appraisal District Board of Directors.
Motion Carried: Yes 5 - 0 No

**Consider Texas Association of School Board (TASB) Pay Systems Review**
A Motion was made by Barbara Herrington and seconded by Nancy Alana to approve the Texas Association of School Board (TASB) Pay Systems Review as presented.
Motion Carried: 5 Yes - 0 No

**Consider Classroom Size Waivers**
A Motion was made by Micky Shearon and seconded by Nancy Alana to approve Classroom Size Waivers as presented. Motion Carried: 5 Yes – 0 No

**Consider Fuel Co-op with Texas Association of School Board (TASB)**
A Motion was made by Nancy Alana and seconded by Micky Shearon to approve Fuel Co-op with Texas Association of School Board (TASB) as presented.
Motion Carried: 5 Yes – 0 No

**Canvas Results of November 4, 2014 Board of Trustee Election for Place 1 and 2**
Dr. Largent recommends that the board authorize the President to certify the summary precinct returns and declare the election results as follows: Place 1, Chris Tackett received 5,664 votes and Virg Thomas received 4,375 votes. Chris Tackett as duly elected trustee to serve the term Nov 2014 to Nov 2017. Mark Jackson as president of the board declared Chris Tackett duly elected trustee to the board for Place 1. Dr. Barbara Herrington, an unopposed

candidate, declared as duly elected trustee to the board for Place 2.



**Administer Oath of Office for Place 1 and 2 Trustees**
Sandy Bruner, Notary Public, administered the Oath of Office for Place 1 and 2 to Chris Tackett and Barbara Herrington.

**Elect Board Officers for 2014-2015**
A nomination was made by Barbara Herrington to nominate Mark Jackson as Board President.
Micky Shearon moved that the nominations cease and elect Mark Jackson Board President by acclamation.
A nomination was made by Barbara Herrington to nominate Micky Shearon as Board Vice-President. Nancy Alana moved that the nominations cease and elect Micky Shearon Board Vice-President by acclamation.
A nomination was made by Micky Shearon to nominate Barbara Herrington as Board Secretary. Nancy Alana moved that the nominations cease and elect Barbara Herrington as Board Secretary.

**Reports**

Superintendent's Report

Dr. James M. Largent, Superintendent, presented an update on the facilities to the board and stated that the transition at the high school has gone smoothly.

Tom Howard, Director of Human Resources, reported that 100% of Granbury teachers meet "highly qualified" criteria. This marks the ninth straight year that GISD has met this requirement Highly Qualified Report

Terry Slemmons, Director of Transportation, presented the Transportation Report to the Board.

Dobie Williams, Assistant Superintendent, presented the Cash Flow and Investment Report to the board.

Dobie Williams, Assistant Superintendent, presented the Bond Expenditures Monthly Update to the board.

**Consider action on items discussed in closed session**

Consider Staff Appointments
Dr. Largent recommended accepting the staff appointments as presented to the board.
A Motion was made by Micky Shearon and seconded by Barbara Herrington.
Motion Carried: 5 Yes – 0 No

Consider purchase, exchange, lease or value of real property
None

**Adjournment**
There being no further business, the meeting was adjourned at 7:08 p.m.

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Mark A. Jackson, President Micky Shearon, Board Secretary

**GRANBURY INDEPENDENT SCHOOL DISTRICT**

**INTEROFFICE MEMO**

**FINANCE AND BUSINESS AFFAIRS**

To: Board of Trustees
Date: December 15, 2014
For: Approval

**TO**: Dr. James Largent, Superintendent

**FROM**: Dobie Williams
Asst. Supt. for Finance and Operations
**DATE**: December 8, 2014
**RE**: Budget Amendments

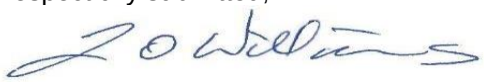
**SUMMARY:**

Attached are the monthly budget amendments for Board approval.

**RECOMMENDATION:**

I recommend the Board approve the amendments as presented.

Respectfully submitted,



Dobie Williams
Assistant Superintendent for Finance and Operations

Staff Person Responsible: Dobie Williams
Carrie Knight-Mapes

Date Submitted: December 8, 2014

**Revenue & Expense**

Fund 240, Ms. Linda Williams, Originator
This amendment is to recognize funds in the amount of $25,000 revenue and $25,000 expense allocated to fund 240 function 35 (Child Nutrition/Food Services) to create a catering budget.

Fund 199, Ms. Leslie Tewell, Originator
This amendment recognizes funds in the amount of $113 allocated to fund 199 function 11 (Instruction). These funds result from a donation from Dairy Queen for Baccus Night.

Fund 199, Ms. Stacie Brown, Originator
This amendment recognizes funds in the amount of $3,138 allocated to fund 199 function 11 (Instruction). These funds result from student travel payments.

Fund 199, Mr. Jeremy Ross, Originator
This amendment recognizes funds in the amount of $2,755 allocated to fund 199 function 31 (Guidance and Evaluation). These funds result from student payments for PSAT Boot Camp.

Fund 199, Mr. Jeremy Ross, Originator
This amendment recognizes funds in the amount of $2,000 allocated to fund 199 function 31 (Guidance and Evaluation). These funds result from student payments for PSAT Testing.

**Function to Function**

Fund 199, Ms. Leslie Tewell, Originator
This amendment recognizes funds in the amount of $475 from function 12 (Instructional Resources) to function 13 (Curriculum Development and Instructional Staff Development) for librarian travel for Baccus.

Fund 199, Mr. Donnie Cody, Originator
This amendment recognizes funds in the amount of $175 from function 11 (Instruction) to function 52 (Security and Monitoring Services) to purchase security magnets for Oak Woods.

Fund 199, Ms. Anna Roe, Originator
This amendment recognizes funds in the amount of $150 from function 11 (Instruction) to function 51 (Facilities Maintenance and Operations) to install two windows in doors at AES.

Fund 199, Ms. Diane Fullerton, Originator
This amendment recognizes funds in the amount of $1,215 from function 11 (Instruction) to function 13 (Curriculum Development and Instructional Staff Development) for Speech Therapist THSA and ASHA member dues for AES, Baccus, Oak Woods, Mambrino and Brawner.

**Function to Function continued**

Fund 199, Ms. Diane Fullerton, Originator
This amendment recognizes funds in the amount of $275 from function 33 (Health Services) to function 51 (Facilities Maintenance and Operations) to repair damages to classroom at Oak Woods.

Fund 199, Ms. Sharon Williams, Originator
This amendment recognizes funds in the amount of $691 from function 13 (Curriculum Development and Instructional Staff Development) to function 11 (Instruction) to fund PBL lessons at Crossland Ninth Grade Center.

Fund 199, Ms. Sharon Williams, Originator
This amendment recognizes funds in the amount of $192 from function 13 (Curriculum Development and Instructional Staff Development) to function 11 (Instruction) to fund PBL Aerodynamics lesson for Brawner.

**In-Kind Donations**

Fund 199, Ms. Carrie Knight-Mapes, Originator
This amendment recognizes an In-Kind Donation from Classic Chevrolet in the amount of $8,500 allocated to fund 199 function 52 (Security and Monitoring Services) for the 2008 GMC Yukon discount in exchange for advertising on the vehicle.

## GRANBURY INDEPENDENT SCHOOL DISTRICT

## INTEROFFICE MEMO

## FINANCE AND BUSINESS AFFAIRS

To: Board of Trustees
Date: December 15, 2014
For: Approval

**TO**: Dr. James Largent, Superintendent **FROM**: Dobie Williams
Asst. Superintendent for Finance and Operations
**DATE**: December 2, 2014
**RE**: Charter Bus Services CSP 2014-07

**SUMMARY:**

A request for proposal was let to provide a vendor for charter bus services on an as needed basis in April of this year. The award was for the period from written notification of award to December 31, 2014. Vendors were asked to propose prices to be held firm for the contract period. The proposal included the option to renew for two additional years in one-year terms.

A summation of the process and outcome as well as a copy of the tabulation is attached for your review.

The anticipated expenditure for charter bus services, $20,000 to $40,000, does not meet the threshold requiring these services to be formally bid. However, it was decided that administratively it would be in the best interest of the District to request proposals and accept formally. Putting a proposal in place allows the district to have some performance requirements in the contract to provide for the safety of our students. It also puts a contract in place, which is a benefit to the district, during playoff games when charter services are hard to locate due to high demand.

Mr. Terry Slemmons, Transportation Director, requested a renewal with the current awarded vendors. Both vendors agreed to the renewal.

**RECOMMENDATION:**

It is recommended the Board renew the charter bus services with Cowtown Bus Charters, Inc. as primary vendor and Echo Tours & Charters as the secondary vendor when Cowtown Bus Charters, Inc. cannot meet the needs of the district. The renewal term will be from January 1, 2015 through December 31, 2015.

Respectfully submitted,

Dobie Williams
Asst. Superintendent for Finance and Operations

Staff Person Responsible: Terry Slemmons
Debbie Johnson

Date Submitted: December 2, 2014

## BID FOR BOARD APPROVAL

**Board Meeting Date:** May 19, 2014 **Bid Number:** 2014-07

1. **Item, material or service (specific or classification):** Charter Bus Services

2. **Brief description:** A proposal was let to provide a vendor for charter bus services to be used on an as needed basis.

3. **Period of time bid covers:** From date of notification of award through December 31, 2014 with the option to renew for two additional years in one-year increments.

4. **Person and title responsible for the expenditure:**

   Terry Slemmons – Transportation Director

5. **Number of bid notification letters sent to vendors:** 5

6. **Number of bids received from vendors:** 2

7. **Listing of recommended vendors and total prices:** It is recommended that charter bus services be awarded to Cowtown Bus Charters, Inc. as the primary vendor and Echo Tours & Charters as a secondary vendor when Cowtown Bus Charters, Inc. cannot meet the needs of the district. A total expenditure cannot be identified at this time, as services will be purchased on an as needed basis. It is anticipated cost will be between $20,000 and $40,000.

8. **Explanation of other than low recommendations:**

9. **Last bid date (bid of comparable nature within last 5 years):** 10/28/2010

10. **Percentage increase or decrease from last bid:** Cowtown Bus Charters, Inc. – no increase.

11. **Budget information:** Funds for these services will come from budgeted funds and booster club funds.

Dobie Williams
Asst. Superintendent for Finance & Operations

Terry Slemmons
Transportation Director

## GRANBURY INDEPENDENT SCHOOL DISTRICT

## INTEROFFICE MEMO

## FINANCE AND BUSINESS AFFAIRS

To: Board of Trustees
Date: December 15, 2014
For: Approval

**TO**: Dr. James Largent, Superintendent

**FROM**: Dobie Williams
**DATE**: December 4, 2014
**RE**: 77 Passenger Buses

**SUMMARY:**

Bond funds will be used to purchase five 77 passenger route buses. The buses are available through an interlocal contract with the TASB Buy Board. An interlocal contract is one of the approved methods for purchasing under TEC 44.031. A request for quote was posted on the Buy Board, three companies responded with a price quote.

Board Policy CH(LOCAL) requires board approval on purchases in excess of $50,000. The policy states "The Board delegates to the Superintendent or designee the authority to make budgeted purchases for goods or services. However, any single, budgeted purchase of goods or services that costs $50,000 or more shall require Board approval before a transaction may take place, unless the purchase falls into function 35 in a categorical exemption."

Mr Terry Slemmons, Transportation Director, reviewed the Buy Board quotes submitted by Rush Bus Centers, Longhorn Bus Sales, LLC and Thomas Bus Gulf Coast, GP, Inc.

**RECOMMENDATION:**

His recommendation is for the Board to award the five buses to Rush Bus Centers at a cost of $476,475.00 to include $95,135.00 per bus and the TASB Buy Board service fee of $800 for vehicle purchase orders.

Respectfully submitted,

Dobie Williams
Asst. Superintendent for Finance and Operations

Staff Person Responsible: Terry Slemmons
Debbie Johnson

Date Submitted: December 4, 2014

**GRANBURY INDEPENDENT SCHOOL DISTRICT**
**INTEROFFICE MEMO**
**FINANCE AND BUSINESS AFFAIRS**

To: Board of Trustees
Date: December 15, 2014
For: Approval

**TO**: Dr. James Largent, Superintendent

**FROM**: Dobie Williams
**DATE**: December 5, 2014
**RE**: Printing & Copying Services
CSP No. 2013-07 - Renewal

**SUMMARY:**
A proposal was let to provide a company to handle the district's printing and copying needs. The bid was divided into two parts, one for standard forms and one for specialty printing. Standard forms are the forms that are ordered on a routine or continual basis by the departments or campuses. Samples of the forms were provided to the vendors to provide pricing based on quantities of 250, 500, 1000, etc. Specialty printing is printing such as curriculum guides, the Granbury ISD brochure, athletic training packets, etc.

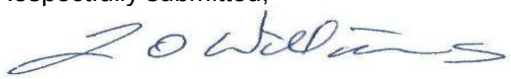
The proposal allowed for the District to award to multiple vendors for both standard and the specialty printing. By awarding to multiple vendors, costs and circumstances can be analyzed to determine best value for the District at the time of need. The proposal was written to allow for two one-year extensions, if both parties agree in writing to extend the proposal. The current term will expire on January 31, 2015. This will be the second and last of the renewal options.

A summation of the original process and outcome, as well as a copy of the original tabulation, is attached for your review.

It was determined to be in the best interest of the district to renew. A renewal request was sent to the current vendors and all vendors agreed to the renewal. At the first renewal option, Texas Insta Print did not renew. The remaining vendors will be able to provide the services to the district. The proposal terms included an escalation clause allowing for an increase in pricing. San Saba Printing is complying with the terms of the escalation clause for an increase of 5.4% on the envelopes (Item A-1). Estimated expense for the renewal period is between $15,000 and $35,000.

**RECOMMENDATION:**
That the Board renew the printing and copying services related to the standard forms as evidenced by the vendors highlighted on the original tabulation (with the exception of Texas Insta Print); as well as renewing the specialty printing with San Saba Printing, Print One Ad One and Region 4 Education Service Center. If the specific line items awarded to Texas Insta Print are needed, they will be quoted from any two of the three remaining vendors. The renewal period will be from February 1, 2015 through January 31, 2016.

Respectfully submitted,



L. O. "Dobie" Williams
Assistant Superintendent for Finance and Operations

Staff Person Responsible: Dobie Williams
Debbie Johnson

Date Submitted: December 5, 2014

# BID FOR BOARD APPROVAL

**Board Meeting Date:** March 4, 2013 **Bid Number:** 2013-07

1. **Item, material or service (specific or classification):** Printing and Copying Services

2. **Brief description:** A bid was let to provide the district's printing and copying needs. The bid was divided into two parts, one for standard forms and one for specialty printing. Standard forms are the forms that are ordered on a routine or continual basis by the departments or campuses. Samples of the forms were provided to the vendors to provide pricing based on quantities of 100, 250, 500, 1000, etc. Specialty printing is printing such as the curriculum guides, programs, etc., large orders that require a fast turnaround time.

3. **Period of time bid covers:** From written notification of award through January 31, 2014 with the option for two one-year renewals. Renewal terms will be February 1, 2014 through January 31, 2015 and February 1, 2015 through January 31, 2016.

4. **Person and title responsible for the expenditure:**

   Campus Principal – for campus purchases
   Department Head/Director – for department purchases

5. **Number of bids sent to vendors:** 19

6. **Number of bids received from vendors:** 4

7. **Listing of recommended vendors and total prices:** It is recommended that award be made for Section A –Standard Forms, as highlighted on the attached tabulation. Purchases will be based on an as needed basis. Should the awarded vendor be unable to fill the order for any reason, the district will proceed to the next lowest vendor until the purchase can be made. It is recommended for Section B – Specialty Printing that all four vendors be approved for purchases. At the time of need cost will be quoted from any two of the four vendors. Quoting from more than one vendor would allow for consideration of cost, layout design, turn around time, etc., as the printing and copying services are needed. It is anticipated expense for printing and copying services will be approximately $20,000 to $40,000 annually.

8. **Explanation of other than low recommendations:** N/A

9. **Last bid date (bid of comparable nature within last 5 years):** 11/19/09

10. **Percentage increase or decrease from last bid**: Due to the number of items on the bid, a comparison was not made.

11. **Budget information:** Costs for printing and copying services are built into the general supply accounts for each campus and department. Therefore, they cannot be specifically identified as a budgeted line item or amount

Sharay S. Boynton
Executive Director of Finance

## GRANBURY INDEPENDENT SCHOOL DISTRICT

## INTEROFFICE MEMO

## FINANCE AND BUSINESS AFFAIRS

To: Board of Trustees
Date: December 15, 2014
For: Approval

**TO**: Dr. James Largent, Superintendent

**FROM**: Dobie Williams
**DATE**: December 5, 2014
**RE**: City of Granbury Building Permits

**SUMMARY:**

The City of Granbury requires building permits for construction for the Granbury High School addition and remodel and the gyms at Acton Elementary and Emma Elementary. Bond funds will be used to purchase these building permits.

Board Policy CH(LOCAL) requires board approval on purchases in excess of $50,000. The policy states "The Board delegates to the Superintendent or designee the authority to make budgeted purchases for goods or services. However, any single, budgeted purchase of goods or services that costs $50,000 or more shall require Board approval before a transaction may take place, unless the purchase falls into function 35 in a categorical exemption."

**RECOMMENDATION:**

Randy Leach, Director of Facilities and Maintenance, recommends that the Board approve the purchase of $159,733.52 for the City of Granbury Building Permits: $153,812.77 for Granbury High School and Auxiliary Buildings, $141.00 for Acton Elementary Gym (plan review / inspection fee), and $5,779.75 for Emma Elementary Gym.

Respectfully submitted,

Dobie Williams
Asst. Superintendent for Finance and Operations

Staff Person Responsible: Randy Leach

Date Submitted: December 5, 2014

## GRANBURY INDEPENDENT SCHOOL DISTRICT

## INTEROFFICE MEMO

## FINANCE AND BUSINESS AFFAIRS

To: Board of Trustees
Date: December 15, 2014
For: Approval

**TO**: Dr. James Largent, Superintendent

**FROM**: Dobie Williams
**DATE**: December 5, 2014
**RE**: Alliance Geotechnical Group

**SUMMARY:**

Alliance Geotechnical Group was approved by the Board for Granbury ISD geotechnical engineering services and construction materials engineering inspection and testing services for the period of award notice until rescinded by board action during the January 20, 2014 Board meeting. Bond funds will be used to purchase geotechnical engineering services and construction materials engineering inspection and testing services for Granbury High School and the gyms at Acton Elementary and Emma Elementary.

Board Policy CH(LOCAL) requires board approval on purchases in excess of $50,000. The policy states “The Board delegates to the Superintendent or designee the authority to make budgeted purchases for goods or services. However, any single, budgeted purchase of goods or services that costs $50,000 or more shall require Board approval before a transaction may take place, unless the purchase falls into function 35 in a categorical exemption.”

**RECOMMENDATION:**

Randy Leach, Director of Facilities and Maintenance, recommends that the Board approve the purchase of $191,940.25 for geotechnical services to include $155,473.75 for Granbury High School and Auxiliary Buildings, $18,947.00 for Acton Elementary Gym, and $17,519.50 for Emma Elementary Gym.

Respectfully submitted,

Dobie Williams
Asst. Superintendent for Finance and Operations

Staff Person Responsible: Randy Leach

Date Submitted: December 5, 2014

**OFFICE OF SUPERINTENDENT**

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|---|---|
| **For:** | **Board of Trustees** |
| **Date:** | **December 15, 2014** |
| **Action:** | **Discussion/Action** |

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|---|---|---|---|
| **To:** | **Board of Trustees** | **From:** | **Dr. James M. Largent** |
| | | **Date:** | **December 9, 2014** |
| | | **RE:** | **Policy Review Session** |

**SUMMARY:**

This is the result of our recent Board Policy Audit where our admin team spent two days with our TASB consultant, Amy Kadlecek. We went through all our local policies, and these are her recommendations. Some of these are obsolete, some are new based on TASB recommendation, and some of these reflect our current practice, but is different than what was in policy. We will just review the process this month and bring it back in December for a board vote. So, I would urge you to look through these, make any comments, ask questions, etc. and between now and December we will have a clean copy to recommend for your approval.

**Respectfully submitted,**



**Dr. James M. Largent**
**Superintendent**

GRANBURY ISD
TECHNOLOGY DEPARTMENT

| | |
|---|---|
| **TO**: Dr. James Largent, Superintendent | **FROM**: Amy Wood<br>**DATE**: December 8, 2014<br>**RE**: Course Catalog |

**SUMMARY:**

Technology planning plays an integral part in the successful infusion of technology into the curriculum and with the management of the budget. Without careful planning, technology investments might not bring the results intended.

The Texas Education Agency provides a planning system, Texas e-Plan, to collect and monitor technology plan implementation and effectiveness. District technology plans must be based on district goals and needs, and aligned with e-Rate requirements, NCLB Requirements, and the Texas Long-Range Plan for Technology Requirements. Technology plans are required in order to participate in the federal Schools and Libraries Universal Service Support Mechanism (also known as e-Rate). CIPA compliance is also certified in the plan.

The GISD Technology Plan for 2015-2016 is based on the GISD 2020 Strategic Plan, results for the Texas STaR Chart Needs Assessment that is completed by every teacher and campus in the district. Budget numbers are local dollars combined with bond money that will be utilized during this time frame.

Once approved by the GISD School Board of Trustees, the GISD Technology Plan will be submitted to TEA for approval.

**RECOMMENDATION:**

It is our recommendation to approve the Technology Plan as submitted.

Respectfully submitted,



Amy Wood
Director of Technology

# Granbury ISD
# Technology Plan

**2015 - 2016**


## Dr. James Largent

**Superintendent**

# DISTRICT PROFILE

**ESC Region** 11
**City, State Zip** Granbury, TX 76048-2046
**Phone** (817) 408-4000
**Fax** (817) 408-4014
**County District Number** 111901

| | |
|---|---|
| **Number of Campuses** | 11 |
| **Total Student Enrollment** | 6869 |
| **District Size** | 5,000 - 9,999 |
| **Percent Econ. Disadvantaged** | 48.20% |

| | | |
|---|---|---|
| **Technology Expenditures** | $10,681,595.00 | |
| **Technology budgets reported in plan by category** | Teaching and Learning Budget | $4,480,430.00 |
| | Educator Preparation and Development Budget | $165,450.00 |
| | Leadership, Administration and Support Budget | $220,715.00 |
| | Infrastructure for Technology Budget | $5,815,000.00 |
| | **Total:** | **$10,681,595.00** |
| **Technology Expenditure Per Pupil** | $1,555.04 | |
| **Number of Campuses with High-Speed Broadband Internet Access** | 11 | |
| **Percentage of Campuses with High-Speed Broadband Internet Access** | 100.00% | |
| **Number of Classrooms with High-Speed Broadband Internet Access** | 522 | |
| **Percentage of Classrooms with High-Speed Broadband Internet Access** | 100.00% | |
| **Computer/Student Ratio** | 3 student(s) for every computer | |
| **Computer/Teacher Ratio** | 1 teacher(s) for every computer | |
| **Number of campuses that need to complete the Texas Campus STaR Chart** | 11 | |
| **Percentage of campuses that have completed the Texas Campus STaR Chart** | 90.91 % | |
| **CIPA Compliance** | This plan does NOT indicate CIPA compliance at this time. | |

# Plan Introduction

**Plan Last Edited** 12/10/2014

| | |
|---|---|
| **Plan status:** | not submitted |
| **Years Included in the Plan:** | 2015 - 2016 |
| **Number of years covered by the plan:** | 1 |

**Does the district file E-Rate?** yes
The district had a "written" plan on 12/15/2014 before E-Rate Form 470 was filed on 11/18/2014.

**Technology Planning Committee**
Amy Wood - Director of Technology Curtis Starnes - Network Administrator Jodie McClintock - Instructional Technology Coordinator Menielle Donahoo - Instructional Technology Coordinator Campus Technology Committees (members include principals, teachers, and librarians) District Advisory Council (members include teachers, staff, district administration, community members, and parents) Strategic Planning Committee (members include parents, community members, business members, students, teachers, administrators)

# Executive Summary

Granbury Independent School District recognizes that the focus of technology in education is the innovative integration of technology which leads to increased student success. Therefore, GISD's Technology Plan ensures that the necessary and appropriate technology enables students to maximize their potential, foster creativity, promote global citizenship, and attain college readiness. Our goal is that all students and staff become technology literate and be responsible digital citizens; that is, responsibly use appropriate technology to communicate, collaborate, problem solve, improve learning in all subject areas, and access, manage, evaluate, and create information. In addition, staff will seamlessly integrate existing and emerging technologies to facilitate 21st Century Learning. The district will provide an optimal technology infrastructure to support the ongoing transformation of programs, services, and tools throughout every facet of the district. Necessary technologies will be provided to ensure the effective use of technology in instruction and operations. Ongoing professional development will be provided to support all content areas and departments seamlessly incorporating technology.

# Needs Assessment

**Assessment Process:**
A comprehensive needs assessment utilizing inventories, campus technology plans submitted by the campus technology committees, GISD Strategic Design Committee, usage reports, goals established by the District Advisory Council in the District Improvement Plan, district surveys, BrightBytes Data, and the Texas (Teacher/Campus) STaR Charts are used to analyze the current status of technology in the district and determine future needs. The items analyzed include: infrastructure, hardware, software, technology resources, staff development, and technical support.

To facilitate the development of the plan, and to ensure that all areas of Granbury ISD's Strategic Plan (G2020) were considered, the GISD professional development committee, the district advisory committee, and the campus technology committees were utilized to assist in the development of the needs assessments and campus goals/objectives/activities and evaluations. These various committees are comprised of business leaders, parents, community partners, students, teachers, administrators, and district staff. The core district technology committee compiled the results to ensure a common vision among all stakeholders. Special committees and task forces are created as specific needs arise in order to determine the best means for meeting specific needs.

**Existing Conditions:**
Granbury ISD is experiencing an increased use of technology by both teachers and students. This increase is fostered by expectations of parents, community members and administrators. According to the STaR Chart, the district continues progressed to the Advanced Tech level in all areas of Teaching and Learning and Educator Preparation and Development.

In November of 2013, a bond for school improvements was passed by the voters. A portion of this bond is designated for technology enhancements. All PK-8 classrooms have classroom audio, including a teacher microphone, mounted projector, mounted SmartBoard, document camera, and a dedicated learning station. Funding for these items was provided by the GISD bond for school improvement.

The district offers a multitude of software. Software programs include curriculum-specific software, as well as productivity software in order to meet the needs of all students. The district offers and supports software for recovery, assessment, and intervention for appropriate grade levels.

All district staff and students have internet access and email accounts. Teachers can take their students on electronic field trips around the world via the internet and with distance learning equipment. Students are using the internet for research and other learning activities. Email and internet video-conferencing software allow teachers and students to communicate with the world around them. GISD has implemented Google Apps for Education in order for students to be able to work anytime, anywhere.

Current Conditions:

* A district 1GB wide area network (WAN) is in place, linking all campuses and ancillary facilities together with the use of fiber optic cable. There is a 5GB connection to Granbury High School and a 3GB connection to Crossland Ninth Grade Center.

* A fast ethernet local area network (LAN) is in place on every campus.

* Centralized purchasing for technology items is in place for standardization of computer equipment and supplies.

* Cisco CallManager is in place to support the district's IP telephony communications network. CallManager is the software-based call-processing component of the Cisco IP telephony solution, part of Cisco AVVID (Architecture for Voice, Video, and Integrated Data).

* Granbury ISD district, campus, and teacher web sites (www.granburyisd.org) are created, maintained and hosted by Education Service Center XI via SchoolWires Centricity. The Granbury ISD website offers quality, current information to staff, students, and the community.

* Internet and distance learning access is maintained and distributed throughout the district from a central source. An Opt-E-Man connection to the internet is in place providing 500 Mbps of bandwidth. For distance learning, one T1 line connects the district's WAN and the Regional Service Center.

* Various software programs are used to support instruction. Skyward is used to house all student and finance information in order to maintain accurate records.

* Staff development is provided during summer months, at selected times during the school year, face-to-face, online, and on demand.

* Technology hardware such as interactive whiteboards, digital cameras, video cameras, web cameras, document cameras, projectors, scanners, and classroom performance systems are available on each campus.

* Video conference/distance learning equipment is available on all campuses.

* A generator is installed at the Technology Center to maximize up-time.

* An offsite Disaster Recovery solution is in place.

* An responsible use policy (RUP) is enforced for all staff, students, and guest users.

**Technology Needs:**
The technology plan must ensure that appropriate resources are in place to support and maintain networks and equipment. Technology never rests, so it is essential that the systems work 24/7. To maintain the ability to meet the needs of students and staff, the infrastructure is evaluated on an ongoing basis. Changes in curriculum needs, such as online testing, online textbooks and other resources, require additions and updates to the district's software, servers, network, and telephone equipment. The need continues for the district to provide timely access to information and to have the ability to easily share that information with students, parents, and the community.

Findings from the needs assessment are as follows:

* Increase infrastructure on all campuses (up to 10GB WAN) and continue to support additional technologies and foster a bring your own device (BYOD) environment.

*Continue to expand density of wireless network to allow for every student to have at least one device on the network at any given time in any given location.

* Continue maintenance and lease agreements to support network hardware and telecommunication services.

* Enhance network redundancy and disaster recovery, including up-to-date maintenance on generator at the technology center.

* Continue to increase the technology available for instruction at all campuses by adding items such as: tablets, netbooks, mobile computer labs, and other innovative technologies.

* Continue to provide and expand staff development opportunities that enable teachers to effectively integrate technology seamlessly into their curriculum.

* Continuously evaluate available instructional software to enhance student performance.

* Maintain five-year replacement cycle of computers and servers in order to support additional technology. Work to extend the technology life-cycle through utilization of desktop virtualization.

* Continue to enhance communication within the district, especially in the areas of facilities and maintenance.

* With limited available funds for textbooks, work the teachers and curriculum to find innovative ways to to access resources.

# Goals, Objectives, and Strategies

**GOAL 1: Teaching and Learning: Utilize technology as a tool to foster improvement in academic achievement, curriculum integration, and increased accessibility and innovation.**

**OBJECTIVE 1.1:**

Granbury ISD will facilitate and support integration of technology into all areas of the curriculum to promote student success.

*Budget Amount $12,000.00*
*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 04a, 07, 08, 11, 12

| *Strategies* | | *State/Status:* | *Timeline:* | *Person(s) Responsible:* | *Evidence:* |
|---|---|---|---|---|---|
| 1.1.1: | Technology resources and support for lessons will be accessible with all curriculum documents.<br><br>Comments: The technology department will work closely with curriculum department to facilitate learning through 21st Century Skills.<br><br>LEA LRPT Correlates: TL01, TL03, TL05, TL06, TL07, TL14 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Technology Director Instructional Technology Coordinators in conjunction with the Curriculum Department | Technology resources will be correlated to existing curriculum documents. These resources include websites such as BrainPop, Discovery Education, StudyIsland, and Supplemental Science Adoptions, distance learning opportunities, and other emerging technologies. |
| 1.1.2: | Ensure all students demonstrate responsible digital citizenship by developing lessons that all students experience.<br><br>Comments: Due to society's dependence on technology, responsible use must be a focus of our schools. Students must have the opportunity to discuss current issues and participate in instruction that is both relevant and timely.<br><br>LEA LRPT Correlates: TL01, TL03, TL14, TL15 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Instructional Technology Coordinators Campus Administration | Lessons will be shared through Google Drive and staff signatures will be in place for all lessons taught. |
| 1.1.3: | Provide student access to resources both at and away from school.<br><br>Comments: In effort to provide students access, GISD has rolled out Google Apps for Education and will continue to encourage its use.<br><br>LEA LRPT Correlates: TL08, TL09, TL12, TL13 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Instructional Technology Coordinator Technology Deparment | Cloud-based storage for student work. Google Apps for Education usage reports. |

**OBJECTIVE 1.2:**

All GISD students will receive instruction and show proficiency in the appropriate TA TEKS.

*Budget Amount $5,000.00*
*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 06, 07, 11, 12

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|---|---|---|---|---|---|
| 1.2.1: | Computer lab time, mobile labs, mobile devices and classroom mini-labs will be utilized to support project based learning in core curriculum areas.<br><br>Comments: The Technology Department will work with teachers and campus technology committees to effectively implement.<br><br>LEA LRPT Correlates: TL01, TL03, TL05, TL14 | State: Revised<br><br>Status: In Progress | August 2015-June 2016 | Director of Technology<br>Instructional Technology Coordinators<br>Teachers<br>Librarians | Student work and teacher feedback. |
| 1.2.2: | A list of skills, containing appropriate technology skills, will provide reasonable expectations for each grade level.<br><br>Comments: Checklists with project suggestions will focus integrating TA TEKS with core content and project-based learning.<br><br>LEA LRPT Correlates: TL01, TL05, TL06, TL07, TL14 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Technology Director<br>Instructional Technology Coordinators<br>Teachers | Lists available through Google Drive. |
| 1.2.3: | All students in grades 6 and 8 will take a technology literacy assessment.<br><br>Comments: All 6th grade students are required to take a Technology Applications course. The assessment will be given in all classes. All 8th grade students will test in May during a scheduled time frame. The instructional technology coordinator will help facilitate this process and compile the results.<br><br>LEA LRPT Correlates: TL01, TL03, TL05, TL14 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Instructional Technology Coordinators<br>Teachers | Data from the technology literacy assessment. |
| 1.2.4: | Increase offerings of Technology Applications courses in addition to CTE endorsements offered in the Information Technology Cluster, Arts, AV, Technology and Communication, and STEM in grades 9-12.<br><br>Comments: Granbury ISD will continue to offer Technology Applications courses in grades 9-12 even though they are not required for graduation.<br><br>LEA LRPT Correlates: TL02, TL03 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Director of Career and Technology<br>Campus Principals<br>Campus Counselors | Course catalogs. |

**OBJECTIVE 1.3:**

GISD libraries will effectively support technology integration.

*Budget Amount $58,500.00*
*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01
NCLB Correlates: 02, 09, 10, 11

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|---|---|---|---|---|---|
| 1.3.1: | All GISD libraries will facilitate appropriate research skills, acceptable use, copyright laws, and cyber safety. The librarians will facilitate all student instruction around cyber-bullying and cyber-safety as required. | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Instructional Technology Coordinators<br>Campus | Research database usage reports and the agendas and feedback from Librarian Meetings. |

| | | | | | |
|---|---|---|---|---|---|
| | Comments: Libraries will advocate effective research techniques, adherance to copyright laws, and cyber safety.<br><br>LEA LRPT Correlates: TL05, TL10, TL11 | | | Librarians<br>Campus Principals | |
| 1.3.2: | GISD libraries will continue to purchase and effectively integrate eBooks, audio books, and other high quality resources such as Discovery Learning, research databases, and other items as they become available.<br><br>Comments: Quality resources must be available for our students both in the library and at home.<br><br>LEA LRPT Correlates: TL05, TL10, TL11 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Instructional Technology Coordinators<br>Librarians<br>Campus Principals | Library inventories and student usage reports. |
| 1.3.3: | A library automation system will be utilized on all campuses.<br><br>Comments: A textbook module has been implemented in order to track inventory with the revision of IMA funds.<br><br>LEA LRPT Correlates: LAS09, TL10, TL11 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Technology Department<br>Librarians<br>Campus Principals<br>Campus Assistant Principals<br>District Textbook Coordinator | Reports from the district's Follett Destiny Library Management software. |
| 1.3.4: | Provide technology items for checkout to all staff. Items include interactive slates, tablets, digital cameras, video cameras, web cams, iTouches, iPads, etc.<br><br>Comments: Librarians will keep accurate records of technology on the campus.<br><br>LEA LRPT Correlates: TL09, TL10, TL11 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Instructional Technology Coordinators<br>Librarians<br>Campus Principals | Inventory of equipment available in the library and equipment check-out logs. Professional development records. |
| 1.3.5: | Campus librarians will keep an up-to-date website including links to resources, relevant software, and workshops available to the staff and students on their campus.<br><br>LEA LRPT Correlates: EP06, I05, I09, TL05, TL09, TL10, TL11 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Instructional Technology Coordinators<br>Librarians<br>District Webmaster | Library websites. |
| 1.3.6: | Form partnerships with community organizations to support adult literacy. Outfit the GISD bus for community use and the creation of a parent resource center.<br><br>Comments: GISD will work with organizations such as the Christian Women's Job Corp, Christian Service Center, Hood County Library, Weatherford College, and the Intergovenmental Council to foster adult literacy awareness in Hood County.<br><br>LEA LRPT Correlates: LAS09, LAS13 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Curriculum Department<br>Principals<br>Librarians | Meeting agendas, parent nights, and informational documents including website, brochures, and public service announcements. |

**OBJECTIVE 1.4:**

Appropriate technology tools will be utilized for students and staff to ensure students are prepared to live and learn in a technology-rich environment.



*Budget Amount $4,224,430.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 03, 04a, 05, 06, 07, 08

| *Strategies* | | *State/Status:* | *Timeline:* | *Person(s) Responsible:* | *Evidence:* |
|---|---|---|---|---|---|
| 1.4.1: | Maintain and investigate the expansion of the following equipment in every classroom: a mounted projector, interactive whiteboard, classroom audio, and document camera.<br><br>Comments: This item is listed in all campus technology plans and is a priority for our district. With budget shortfalls, we understand that this will occur a little each year.<br><br>LEA LRPT Correlates: TL09 | State: Revised<br><br>Status: Completed | Completed October 31, 2014 | Director of Technology<br>Instructional Technology Coordinators<br>Campus Principals | Inventory of all items placed in classroom, documentation of additional items, and a working plan to implement in all classrooms. |
| 1.4.2: | Expand the purchasing and use of tablets, netbooks, and mobile labs in the classroom.<br><br>Comments: The netbook and VDI options are cost-effective options as we move toward a 1:x environment.<br><br>LEA LRPT Correlates: EP02, I05, TL09 | State: Revised<br><br>Status: In Progress | August 2015 | Director of Technology<br>Instructional Technology Coordinators<br>Campus Principals | Technology inventory and student use as reported by campus administration and teachers. |
| 1.4.3: | Continue and expand the purchasing and integration of of emerging technologies to support learning and enhance the district's project based learning initiative.<br><br>LEA LRPT Correlates: I05, TL09, TL12, TL15 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Instructional Technology Coordinators<br>Campus Principals<br>Librarians | Technology inventory and student use as reported by campus administration, teachers, and librarians. Technology infused projects. |
| 1.4.4: | Provide necessary adaptive hardware such as adaptive keyboards, touch screens, on-screen keyboards, trackballs, and other technologies as required.<br><br>Comments: Adaptive technology needs change with students and their various needs.<br><br>LEA LRPT Correlates: I05, TL09 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Instructional Technology Coordinators<br>Director of Special Education Diagnosticians | Technology inventory and needs as outlined by the special education staff and in student IEPs. |
| 1.4.5: | Expose students to a variety of technologies and ensure they are able to select the most effective tool to accomplish the task at hand.<br><br>Comments: The goal is to move students away from being tied to one type of device and recognize that different technologies have different purposes.<br><br>LEA LRPT Correlates: I05, I08, I09, TL08, TL09 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Instructional Technology Coordinators<br>Campus Principals<br>Teachers | Students will be utilizing a variety of technologies in everyday learning. |

**OBJECTIVE 1.5:**

Appropriate software will be utilized for students and staff to ensure students are prepared to live and learn in a technology-rich environment.

*Budget Amount $180,500.00*
*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 05, 06, 08

| *Strategies* | | *State/Status:* | *Timeline:* | *Person(s) Responsible:* | *Evidence:* |
|---|---|---|---|---|---|
| 1.5.1: | Continue to provide and research new software to enhance classroom instruction. Current software includes OdysseyWare, Renaissance Place, BrainPop, iStation, Study Island, Reading Eggs, Microsoft Office Suite, Imagine Learning and others as necessary for instruction.<br><br>Comments: Student needs drive the selection of software in Granbury ISD. We will continue to research various software programs beneficial to the education of students.<br><br>LEA LRPT Correlates: TL08, TL09, TL13, TL15 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Instructional Technology Coordinators<br>Senior Network Administrator<br>Curriculum Department<br>District Webmaster<br>Director of Curriculum<br>Director of Special Education<br>Campus Principals<br>Classroom Teachers | Links readily available on GISD and Instructional Technology websites, software inventory and software usage statistics. |
| 1.5.2: | Provide necessary adaptive software such as adaptive math software, voice recognition, word prediction, and other software as necessary to meet the needs of all GISD students.<br><br>Comments: Adaptive technology needs change with students and their various needs.<br><br>LEA LRPT Correlates: I05, TL08, TL09 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Director of Special Education | Technology inventory and needs as outlined by the special education staff and in student IEPs. |

**GOAL 2: Educator Preparation and Development: Promote growth of educators' effectiveness in integrating technology into the curriculum, achieve technology proficiency, and transform teaching practices by promoting student-centered learning.**

**OBJECTIVE 2.1:**

Teachers will demonstrate technology proficiency.

*Budget Amount $125,450.00*
*LRPT category: Educator Preparation and Development*

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 03, 06, 07, 11, 12

| *Strategies* | | *State/Status:* | *Timeline:* | *Person(s) Responsible:* | *Evidence:* |
|---|---|---|---|---|---|
| 2.1.1: | Continue to provide professional development that supports all content areas and their efforts to seamlessly incorporate technology.<br><br>Comments: These professional development opportunities will be driven by the district professional development committee and the needs assessemnt.<br><br>LEA LRPT Correlates: EP02, EP03, EP04, EP05, EP07, LAS12, TL14 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Director of Curriculum and Instruction Instructional Technology Coordinators | Technology rich learning environments, student work, and classroom visits will provide evidence of effective professional development. |
| 2.1.2: | Continue to utilize various delivery options for staff development opportunities including GISD Instructional Technoloogy YouTube Channel, RETN, TETN, Education Service Center, Eduphoria, Google Classroom and state and regional conferences.<br><br>Comments: Funding limitations may restrict number of participants attending out-of-district training, therefore the need to disseminate information from these training opportunities to all staff is imperative.<br><br>LEA LRPT Correlates: EP01, EP04, EP05, EP08, LAS15, TL13 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Instructional Technology Coordinators Director of Curriculum | Statistics of use from the various online programs, a report of all training offered, and certificates and evidence of integration of ideas learned from training. |
| 2.1.3: | Utilize the Texas Teacher STaR Chart, district surveys, and campus technology committees to determine needs and effectiveness of staff development offered in GISD.<br><br>Comments: GISD has moved to Advanced Tech according to the Texas STaR Chart.<br><br>LEA LRPT Correlates: EP01, EP05, LAS01, LAS02, LAS03, LAS08 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Instructional Technology Coordinators Campus Principals Campus Technology Committees | Minutes from committee meetings, results of surveys, and increased performance on the STaR Chart. |

**OBJECTIVE 2.2:**

Instructional staff will facilitate the effective integration of technology in all classrooms.

*Budget Amount $40,000.00*
*LRPT category: Educator Preparation and Development*

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 03, 04a, 04b, 07, 08, 12



| *Strategies* | *State/Status:* | *Timeline:* | *Person(s)* | *Evidence:* |
|---|---|---|---|---|

| | | | | *Responsible:* | |
|---|---|---|---|---|---|
| 2.2.1: | Use results from district surveys, STaR Chart, and campus technology committee reports to develop campus/teacher specific training to enhance integration of technology.<br><br>Comments: Staff development is the most critical piece of integration.<br><br>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Instructional Technology Coordinators | A model technology classroom for teachers to visit, classroom walk-throughs, student projects, and training feedback. |
| 2.2.2: | Investigate the development of student-lead technology support groups on each campus.<br><br>LEA LRPT Correlates: EP01, EP09 | State: Original<br><br>Status: Planned | July 2015-June 2016 | Director of Technology Instructional Technology Coordinators Campus Principals | Planning meeting agendas and minutes. |
| 2.2.3: | Encourage distance learning opportunities whenever possible, including connections between campuses and external resources.<br><br>LEA LRPT Correlates: EP01, LAS13, LAS15, TL12, TL13 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Instructional Technology Coordinators Librarians Campus Administration | RETN contract with ESC XI, certificates of participation, system usage reports, increased usage of SKYPE, ZOOM, and Google Hangouts. |
| 2.2.4: | Increase course support in online environments and continue to investigate and expand the use of the Texas Virtual Schools Network.(TxVSN)<br><br>LEA LRPT Correlates: EP01, LAS15, TL13 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Director of Curriculum Campus Administration | Course statistics and enrollment. |

**GOAL 3: Leadership, Administration, and Support Services: Improve the quality of communication used to facilitate data-driven decision making in the areas of student records (achievement, attendance, discipline, and special education), community partnerships, parent awareness and involvement, and other support services.**

**OBJECTIVE 3.1:**

All GISD staff will utilize electronically-delivered systems to communicate with guardians and the community.

*Budget Amount $45,000.00*
*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01
NCLB Correlates: 06, 09, 12

| *Strategies* | | *State/Status:* | *Timeline:* | *Person(s) Responsible:* | *Evidence:* |
|---|---|---|---|---|---|
| 3.1.1: | Continue to expand the use of Skyward Family Access and Skyward Student Access to include online registration.<br><br>Comments: All parents with email addresses on file and all students in grades 6-12 are emailed Skyward Family Access or Skyward Student access login information at the beginning of the school year. We will implement the use of Student Access in the intermediate grade levels.<br><br>LEA LRPT Correlates: LAS09, LAS11, TL11, TL15, TL16 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Campus staff | Usage reports from SkyWard Family Access and SkyWard Student Access. |
| 3.1.2: | The Granbury ISD website and social media sites will be updated regularly with news and information for community members. Informational sites include campus and teacher websites, current employment opportunities, and resources for adult literacy and continuing education.<br><br>Comments: The website is the face of Granbury ISD and it is vital that it remain current at all times.<br><br>LEA LRPT Correlates: LAS09, TL15, TL16 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Instructional Technology Coordinators<br>Public Relations Officer<br>Campus Administration<br>Teachers | Web hosting (SchoolWires) contract with ESC XI, website subscriptions, and web page content. |
| 3.1.3: | Granbury ISD will maintain a district Facebook page, Twitter account, and other social networking tools in order to reach more parents and members of the community.<br><br>LEA LRPT Correlates: LAS09, TL15, TL16 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Public Relations Officer | Current information on all sites. |
| 3.1.4: | Continue to utilize a district-wide notification service for emergency broadcasts, parent outreach, and student attendance communications.<br><br>LEA LRPT Correlates: LAS09, TL15, TL16 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Public Relations Officer<br>Campus Administration | Contract with SchoolMessenger and reports of usage statistics. |
| 3.1.5: | All faculty and staff will be encouraged to utilize electronic means including use of email, faculty web pages, newsletters, and Skyward electronic gradebook to communicate student progress.<br><br>LEA LRPT Correlates: LAS09, LAS11, TL15, TL16 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Instructional Technology Coordinators<br>Campus Administration | Web hosting (SchoolWires), district calling system (SchoolMessenger), email statistics, Skyward use, and district surveys to |

| | | | | | |
|---|---|---|---|---|---|
| | | | | | staff and community members. |
| 3.1.6: | Utilize electronic means to monitor progress and achievement of Special Education Students.<br><br>LEA LRPT Correlates: I01, LAS01, LAS02, LAS05, LAS10, TL04 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Instructional Technology Coordinator Director of Special Education Special Education Coordinator Diagnosticians | All special education student records readily available. |

**OBJECTIVE 3.2:**

GISD will utilize technology as a tool to access and maintain student records.

*Budget Amount $90,715.00*
*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01
NCLB Correlates: 12

| *Strategies* | | *State/Status:* | *Timeline:* | *Person(s) Responsible:* | *Evidence:* |
|---|---|---|---|---|---|
| 3.2.1: | Provide district-wide student management software for attendance, grades, discipline, transcripts, and PEIMS reporting.<br><br>LEA LRPT Correlates: I05, LAS11 | State: Revised<br><br>Status: In Progress | June 2014 - July 2015 | Director of Technology Skyward Applications Coordinator District PEIMS Coordinator | Student management system (Skyward) in place and utilized for attendance, grades, discipline, transcripts, and PEIMS reporting. |
| 3.2.2: | Reports containing pertinent student information are readily available to appropriate staff.<br><br>Comments: Reports from all instructional software available with secure login.<br><br>LEA LRPT Correlates: LAS10 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology District PEIMS Coordinator Appropriate Departments | Report statistics. |

**OBJECTIVE 3.3:**

Granbury ISD will use a comprehensive planning process to ensure technology plans include a needs assessment, the establishment of clear goals, realistic strategies, and critical components, and a yearly, comprehensive evaluation. There is no budget for this item. All meetings are held outside the normal school day.

*Budget Amount $0.00*
*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 03, 12

| *Strategies* | | *State/Status:* | *Timeline:* | *Person(s) Responsible:* | *Evidence:* |
|---|---|---|---|---|---|
| 3.3.1: | Campus committees will meet once per semester to ensure that campus improvement plans reflect the technology needs of the staff and students.<br><br>Comments: Campus committees are crucial in development of a focused district plan. All plans must align with G2020, the district strategic plan. | State: Revised<br><br>Status: In Progress<br>32 | July 2015-June 2016 | Director of Technology Instructional Technology Coordinators Campus Principals | Agendas and minutes from the meetings. |

| | | | | | |
|---|---|---|---|---|---|
| | LEA LRPT Correlates: LAS01, LAS02, LAS03, LAS04, LAS05, LAS06, LAS07 | | | Technology Committee Chairs | |
| 3.3.2: | The district technology committee will be used to ensure the technology plan meets the needs of the staff and students in Granbury ISD and aligns with G2020, the district strategic plan.<br><br>Comments: The District Advisory Council members consist of staff, teachers, parents, community members, and campus and district administration.<br><br>LEA LRPT Correlates: LAS01, LAS02, LAS03, LAS04, LAS05, LAS06, LAS07, LAS08 | State: Revised<br><br>Status: In Progress | June 2014 - July 2015 | Director of Technology | District Advisory Council agendas and minutes. |
| 3.3.3: | District technology needs will be derived from campus plans, student feedback and surveys such as STaR Chart and BrightBytes.<br><br>LEA LRPT Correlates: LAS01, LAS02, LAS03, LAS04, LAS05, LAS06 | State: Revised<br><br>Status: In Progress | July 2015- June 2016 | Director of Technology Instructional Technology Coordinators Campus Administration Department Directors | Necessary components in the technology plan and strong district technology goals. |

**OBJECTIVE 3.4:**

GISD will employ technology as a tool to streamline information reporting and facilitate data-driven decision making.

*Budget Amount $35,000.00*
*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 04a, 04b, 06, 07, 08, 09, 11, 12

| *Strategies* | | *State/Status:* | *Timeline:* | *Person(s) Responsible:* | *Evidence:* |
|---|---|---|---|---|---|
| 3.4.1: | Granbury ISD will effectively use all available software including DMAC, iStation, Study Island, Eduphoria, Edivation, Imagine Learning, etc., to make informed decisions for increasing student achievement, determining technology needs, and enhancing the overall educational experience.<br><br>LEA LRPT Correlates: EP03, LAS08, TL04, TL07 | State: Revised<br><br>Status: In Progress | July 2015- June 2016 | Director of Technology Curriculum Department Special Education Department Campus Administration Teachers | Data to support all software decisions. |
| 3.4.2: | Granbury ISD departments will utilize various software in order to accurately maintain records and make informed decisions. This software includes finance management, substitute management, professional recruiting, bus route management, food service management, facility scheduling, school trip, etc.<br><br>LEA LRPT Correlates: EP03, LAS09, TL15 | State: Revised<br><br>Status: In Progress | July 2015- June 2016 | Director of Technology Department Directors | Reports from HR, Athletics, Transportation, Facilities, Maintenance, Technology, Support Services, and the Business Office. |

**OBJECTIVE 3.5:**

Foster relationships within the community by providing mobile access to internet-based resources, instructional resources and summer programs.

*Budget Amount $50,000.00*
*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01
NCLB Correlates: 03, 08, 09, 10

| *Strategies* | | *State/Status:* | *Timeline:* | *Person(s) Responsible:* | *Evidence:* |
|---|---|---|---|---|---|
| 3.5.1: | GISD will fund a mobile learning unit to travel with staff and community volunteers throughout our community to promote and provide resources not otherwise available.<br><br>LEA LRPT Correlates: I01, I03, I05, I08, LAS09, LAS11, LAS13, TL15 | State: Original<br><br>Status: Planned | July 2015-June 2016 | Superintendent<br>Director of Transportation<br>Director of Curriculum<br>Director of Technology | Transportation reports |

**GOAL 4: Infrastructure for Technology: All students and staff in Granbury ISD will have a cost-efficient, effective, stable, and safe educational technology infrastructure.**

**OBJECTIVE 4.1:**

Granbury ISD will maintain an infrastructure that facilitates good communication, instruction, and other educational services.

*Budget Amount $5,375,000.00*
*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01
NCLB Correlates: 03, 05, 06, 08, 11, 12

| *Strategies* | | *State/Status:* | *Timeline:* | *Person(s) Responsible:* | *Evidence:* |
|---|---|---|---|---|---|
| 4.1.1: | Provide a Wide Area Network scalable to 10GB between campuses, and maintain a Fast Ethernet LAN on each campus.<br><br>Comments: Bond money will begin funding this project in spring of 2015 and continue through 2016.<br><br>LEA LRPT Correlates: I01, I04, I05, I08 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Network Administrator | Valid fiber optic lease contract.<br>Network statistics/monitoring. |
| 4.1.2: | Maintain internet access with appropriate content filtering for every network computer in the district.<br><br>Comments: Increase available internet bandwidth as necessary for instruction.<br><br>LEA LRPT Correlates: I01, I05, I06, I08 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Network Administrator | Maintain a minimum of a 100 Mbps internet access contract.<br>Monitoring and usage statistics. |
| 4.1.3: | Maintain basic telephone service (2 ISDN Prime Interfaces, 46 ISDN B-Channels, Direct Inward Dialing) shared by campuses.<br><br>Comments: Add additional pieces as necessary for effective communication and safety.<br><br>LEA LRPT Correlates: I01, I05, I08 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Network Administrator | Valid telephone service contract, monitoring and assessment of all programs. |
| 4.1.4: | Maintain a distance learning connection to Region XI Education Service Center.<br><br>LEA LRPT Correlates: I01, I05, I08, TL13 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology | Evidence of distance learning programs. |
| 4.1.5: | Maintain an overall district student to device ratio of 2:1 and enhance the wireless infrastructure to support a 1:x environment. GISD encourages students to utilize their personal devices through a robust BYOD environment.<br><br>Comments: This is a step toward a 1:x environment. With current budget constraints we realize this will evolve over time.<br><br>LEA LRPT Correlates: I01, I04, I05, I07, I08, I09, TL09 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology | Technology inventory database and a workable student and teacher computer replacement schedule. |
| 4.1.6: | Maintain a minimum 5-year replacement cycle for student computers, teacher laptops, district servers, networking devices, and UPS.<br><br>Comments: In order to ensure students have access | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology<br>Network Administrator | Technology inventory database. |

| | | | | | |
|---|---|---|---|---|---|
| | to the technology needed, it is vital that equipment meet necessary standards. Continue to use virtual desktop solutions to increase the technology life-cycle of equipment.<br><br>LEA LRPT Correlates: I01, I05, I07, I08, I09, TL09 | | | | |
| 4.1.7: | Maintain and improve network monitoring and management software and a viable disaster recovery solution. Research the implementation of improved network redundancy.<br><br>LEA LRPT Correlates: I01, I08, LAS14, TL14 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Network Administrator | Network statistics and a viable disaster recovery solution in place. |
| 4.1.8: | Maintain network switches and wireless access points according to industry standard.<br><br>LEA LRPT Correlates: I01, I05, I07, TL09 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Network Administrator | Technology inventory and network statistics. |
| 4.1.9: | Work to secure grants and other funding resources to enhance IT infrastructure.<br><br>LEA LRPT Correlates: I02, I03 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology | Grants and other funding in place. |
| 4.1.10: | Maintain a district-wide standardized IP telephony system with integrated messaging.<br><br>LEA LRPT Correlates: I01, I08 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Network Administrator | Network inventory and statistics. |
| 4.1.11: | GISD will continue to filter internet traffic according to rules and regulations while concurrently teaching staff and students to determine the validity of content and the source of content on the internet.<br><br>LEA LRPT Correlates: I01, I05, TL01, TL06 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Network Administator | Content filtering software |
| 4.1.12: | Access to the wireless GISD Guest Network is provided for students, parents, community members, and staff using non-district devices.<br><br>Comments: We will also work to increase the bandwidth available on the guest network.<br><br>LEA LRPT Correlates: I01, I02 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Network Administrator | Usage statistics on the visible, usable GISD Guest wireless netork. |

**OBJECTIVE 4.2:**

Granbury ISD will investigate new and emerging technologies to enhance education.

*Budget Amount $440,000.00*
*LRPT category: Infrastructure for Technology*

E-Rate Correlates:
NCLB Correlates: 05, 08, 12

| *Strategies* | | *State/Status:* | *Timeline:* | *Person(s) Responsible:* | *Evidence:* |
|---|---|---|---|---|---|
| 4.2.1: | Continue to increase the density of wireless coverage in classrooms by moving, tuning and installing industry standard access points.<br><br>Comments: Goal is for an access point in every classroom.<br><br>LEA LRPT Correlates: I01, I05, I07 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Network Administrator | Technology inventory and network statistics. |

| | | | | | |
|---|---|---|---|---|---|
| 4.2.2: | Maintain the district's SIF (Schools Interoperability Framework) and evaluate the need to purchase additional SIF agents. Investigate alternative solutions.<br><br>LEA LRPT Correlates: I01, I08 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Network Administrator | SIF support contracts and available SIF agents in GISD. |
| 4.2.3: | Continue use of Google Apps for Education, expand the use of Trainer of Trainers model for professional development, and continuously roll out new services available.<br><br>LEA LRPT Correlates: I01, I08 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Instructional Technology Coordinators | Statistics of use and documents available. |
| 4.2.4: | Continue to utilze a viable email archiving solution.<br><br>LEA LRPT Correlates: I01, I07 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Network Administrator | On demand reports as needed. |
| 4.2.5: | Maintain district-owned block of IPv6 and IPv4 addresses.<br><br>LEA LRPT Correlates: I01, I03, I05, I07, I08, I09 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology Senior Network Administrator | Bank of IPv6 addresses and full access to both IPv4 and IPv6 networks. |
| 4.2.6: | Keep all devices current in operating systems and productivity software by purchasing Microsoft EES Volume license agreement.<br><br>LEA LRPT Correlates: EP03, EP05, I05, TL12, TL16 | State: Revised<br><br>Status: In Progress | July 2015-June 2016 | Director of Technology | Current Microsoft Volume License Agreement |

# Budget

| Budget year 2015 | | |
|---|---|---|
| **Budget item** | **Cost** | **Funding Sources with amount per source** |
| Staff Development | $157,245.00 | Local Funds: $157,245 |
| Telecommunications & Internet Access | $3,952,490.00 | E-Rate: $150,000<br>Local Funds: $75,000<br>Capital Project Funds: $3,727,490.00 |
| Materials & Supplies | $232,400.00 | Local Funds: $232,400 |
| Equipment | $5,874,910.00 | Instructional Material Allotment: $180,000<br>Local Funds: $565,500<br>Capital Project Funds: $5,129,410.00 |
| Maintenance | $255,850.00 | Local Funds: $255,850 |
| Miscellaneous Expenses | $208,700.00 | Local Funds: $30,000<br>Capital Project Funds: $178,700 |
| Total | $10,681,595.00 | |

# Evaluation

**Evaluation Process:**
Granbury ISD actively monitors all technology implementation as a part of an ongoing evaluation plan. The district technology plan will be revisited and revised semi-annually. The plan will be revised to continuously align to the strategic plan (G2020) and to the bond implementation timeline.

To continuously improve the district technology plan, all stakeholders will be involved to ensure we are meeting the needs of all students, staff, and parents. District and campus committees will be utilized to assist in the needs assessment and the development of district/campus technology goals/objectives/activities respectively. The intention of the evaluation is to make informed decisions about technology and its impact on student achievement.

Results from surveys and ongoing feedback from all stakeholders will be used to help Granbury ISD assess progress made toward meeting the goals of the Long Range Plan for Technology. An annual report will be given to the Superintendent and the Board of Trustees.

**Evaluation Method:**
* Integration of technology in the classroom as evidenced by student performance, curricular projects, lesson plans, walk-throughs, results of technology literacy assessment, and dynamic project-based learning experiences.

*Increased student use of available technology.

*Increased access for staff and students, including a BYOD network.

*Continued quality professional development to enhance the learning experience for all students.

* Records of staff participation in technology training monitored by sign-in sheets and teacher professional development records.

* Surveys of technology training needs will determine trainings offered throughout the year.

* Support and maintenance of the technology infrastructure as documented by performance reports.

* Accurate inventory of hardware and software.

* Administrative reports on the technology strand of the educator appraisal system.

*BrightBytes survey for effective technology use.

* Student feedback on effective preparation for college and/or work.

* Campus and district committee feedback.

* Monitoring and documentation of community access to technology resources, including the Granbury ISD web site, district social networking pages, campus and teacher web sites, Skyward Student Access, and Skyward Family Access.

*Continuous monitoring of plan goals, strategic planning timelines, and bond implementation timelines. All results will be reported to the Superintendent and the Board of Trustees.

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Granbury ISD does not discriminate on the basis of sex, disability, race, color, age, or national origin in its educational programs, activities, or employment as required by Title IX, Section 504 and Title VI.

**GRANBURY INDEPENDENT SCHOOL DISTRICT & BOYS AND GIRLS CLUB**

**FACILITY USE**

**Memorandum of Understanding (MOU)**

This Memorandum of Understanding ("MOU") is made on January 1, 2015, between the Granbury Independent School **DISTRICT** ("**DISTRICT**"), and **Boys and Girls Club**, a non-profit corporation, ("**BOYS AND GIRLS CLUB**") for the purpose of providing After School Program Services in a GISD facility.

The parties hereby agree to the following terms:

**DISTRICT** will allow the use of the STARS building, located adjacent to Acton Elementary School at 3200 Acton School Road, to the **BOYS AND GIRLS CLUB** for after school programming and the running of a Boys & Girls Club location. The Club will also manage a space for the community to highlight other Community Based Organizations. This space will be managed by Club employees and will be for in place to share and disseminate information and services available to GISD students, Club members and the general public.



The term of this contract is from **January 1, 2015** to **such date as either party wishes to terminate the contract, allowing for a 90 day transition period.**

**BOYS AND GIRLS CLUB** will provide the following:

- $150 a month for facility use
- Pay for any utilities
- Pay for the cost of phone and/or internet
- As stated above provide adequate space and staffing for a Community Based Organization space to be open from noon to 6 pm Monday through Friday on any days GISD is open.
- Add the location to the Club's liability insurance policy just as it does with its Decker Gym location.

**BOYS AND GIRLS CLUB** is, and shall at all times, be deemed to be an independent contractor and shall be responsible for determining the sequence, method, details, and manner in which it performs those services required under the terms of this MOU. Nothing herein contained shall be construed as creating a relationship of employer and employee, or principal and agent, between **DISTRICT** and **BOYS AND GIRLS CLUB** or any of **BOYS AND GIRLS CLUB'S** agents or employees. **BOYS AND GIRLS CLUB** assumes exclusively the responsibility for the acts of its employees or agents as they relate to services to be provided during the course and scope of their employment. **BOYS AND GIRLS CLUB**, its agents and employees, shall not be entitled to any rights and/or privileges of **DISTRICT'S** employees and shall not be considered in any manner to be **DISTRICT'S** employees.

During the entire term of this MOU, **BOYS AND GIRLS CLUB** shall procure, pay for and keep in full force general liability insurance. All insurance policies shall state the name of the insurance carrier and name **DISTRICT** as an additional insured. Liability insurance for death, bodily injury and property damage shall be for no less than One Million dollars ($1,000,000) per occurrence.

This MOU supersedes any and all agreements either oral or written, between the parties hereto with respect to the rendering of services by **BOYS AND GIRLS CLUB** and contains all of the covenants and agreements between the parties with respect to the rendering of such services in any manner whatsoever. Each party to this MOU acknowledges that no representations, inducements, promises, or agreements, orally or otherwise, have been made by any party or anyone acting on behalf of any party, which is not embodied herein, and that no other agreement, statement or promise not contained in this MOU shall be valid or binding. Any modification of this MOU will be effective only if it is in writing, signed by both parties.

If any provision of this MOU is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will nevertheless continue in full force without being impaired or invalidated in any way.



This MOU shall be governed by and construed in accordance with the laws of the State of Texas.

Each person executing this MOU warrants that he or she has the authority to so execute this MOU and that no further approval of any kind is necessary to bind the parties hereto.

**IN WITNESS WHEREOF,** the parties hereto have executed this MOU on the day and year first written.

**GRANBURY INDEPENDENT SCHOOL DISTRICT "DISTRICT"**

By: _____
Signature

Mark A. Jackson
Printed Name

President GISD School Board
Title

600 W. Pearl St.
Address

Granbury, TX 76048
City State Zip

817-408-4007
Telephone Number

December 15, 2014
Date

**BOYS AND GIRLS CLUB**

By: _____
Signature

_____
Printed Name

_____
Title

_____
Address

_____
City State Zip

_____
Telephone Number

_____
Date

## GRANBURY INDEPENDENT SCHOOL DISTRICT

## INTEROFFICE MEMO

## FINANCE AND BUSINESS AFFAIRS

To: Board of Trustees
Date: December 15, 2014
For: Approval

**TO**: Dr. James Largent, Superintendent

**FROM**: Dobie Williams
Asst. Superintendent for Finance & Operations
**DATE**: December 2, 2014
**RE**: Copy Paper CSP No. 2015-03

**SUMMARY:**

Copy paper is bid twice a year due to the lack of storage space. Proposals for copy paper were let in October and were due November 12, 2014. Bid notices were sent to 24 vendors; the proposal was advertised for two weeks in the Hood County News and posted on the district web site. Five vendors responded, with one vendor submitting a no bid notification.

A summation of the process and outcome as well as a copy of the tabulation is attached for your review.

Debbie Johnson, Purchasing Manager, reviewed the proposal submissions. The following is the recommendation of Ms. Johnson and me.

**RECOMMENDATION:**

It is recommended the Board approve the items and the related vendors as evidenced by the highlighted areas on the attached tabulation. The colored paper, with the exception of the red paper, was a tie bid between Flatt Stationers and Western BRW Paper at $40 per case. In the event of a tie bid, the award is determined by the casting of lots under LGC 271.901. The casting of lots must be in a manner prescribed by the governing body of the district and must be conducted in the presence of the governing body. The Board must determine the award of all colored paper except the red paper. The total expenditure will be $40,167.50.

Respectfully submitted,

L. O. "Dobie" Williams
Asst. Superintendent for Finance and Operations

Staff Person Responsible: Dobie Williams
Debbie Johnson
Missy Brock

Date Submitted: December 2, 2014

# BID FOR BOARD APPROVAL

**Board Meeting Date:** December 15, 2014 **Bid Number:** 2015-03

1. **Item, material or service (specific or classification):** Copy Paper

2. **Brief description:** Copy paper is bid twice a year due to a lack of storage space. All paper is delivered to each campus and department rather than to a central location, which results in a higher cost per case.

3. **Period of time bid covers:** Single purchase which will provide paper for approximately six months. Due to the constant fluctuation of the paper market, most vendors will not hold prices firm for any extended period of time.

4. **Person and title responsible for the expenditure:** Each campus principal and department director is responsible for their campus or department expense.

5. **Number of bids sent to vendors:** Bid notification letters were mailed to 24 vendors; the proposal was posted on the district web site and advertised in the Hood County News for two weeks.

6. **Number of bids received from vendors:** Five (included one no bid submission)

7. **Listing of recommended vendors and total prices:** The recommendation for award is shaded on the tabulation in the column under the vendor name. The award of all colored paper (except red) must be decided by the Board. Flatt Stationers and Western BRW Paper both bid $40 per case for the colored paper. In the event of a tie bid, the tie is determined by the casting of lots under LGC 271.901. The casting of lots must be in a manner prescribed by the governing body of the district and must be conducted in the presence of the governing body. The red paper was divided between two vendors. The total expenditure for all paper under the proposal is $40,167.50.

8. **Explanation of other than low recommendations:**
The recommendation for the 8.5 x 11 red colored paper is to award 3 cases to Western BRW Paper and 3 cases to Bennett's Office Supply. In the past, some of the campuses had complained about the cherry color. The red paper submitted by Western BRW and Martin's Office Supply was cherry. The red paper bid by Flatt Stationers was a 60# paper and our specification was for a 20lb paper. The campuses were contacted and asked if they wanted to purchase the cherry red from Western BRW or the re-entry red from Bennett's Office Supply. One campus requested the re-entry red and two campuses would accept the cherry color, therefore the recommendation for award was split between the two vendors.

9. **Last bid date (bid of comparable nature within last 5 years):** 3/31/14

**10. Percentage increase or decrease from last bid**:

| | |
|---|---|
| 8.5 x 11 white | Increase of 2.39% |
| 8.5 x 11 colored | Increase of 0.00250% (all colors except red) |
| 8.5.x 11 24#, 96 bright | Cost remained the same |
| 8.5 x 14 20#, 92 bright | Cost remained the same |

**11. Budget information:** Funds for this expenditure are budgeted through object code 6396 for the various campuses and departments.



L. O. "Dobie" Williams
Asst. Superintendent for Finance and Operations

GRANBURY ISD

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# Maintenance and Facilities Department Board Report



Randy Leach, Director of Maintenance and Facilities

Board of Directors

December 15, 2014

GRANBURY ISD
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# Maintenance Personnel

| Name | Position | Years with District |
|---|---|---|
| Karen Johnson | Secretary | 7 |
| Scott Campbell | Supervisor | 27 |
| Rick Schulte | HVAC Supervisor | 14 |
| Steve Thompson | General Maintenance Supervisor | 12 |
| Kevin Cummings | Lead Grounds Supervisor | 3 |
| Donald Smith | Lead Athletic Fields Supervisor | 24 |
| Fred McKamy | Electrician | -1 |
| James Garlick | HVAC - Electrician | 13 |
| Russell Neely | HVAC - Technician | 6 |
| Martin Briones | Groundskeeper | 14 |
| Don Zimmerman | Carpenter | 15 |
| Todd Knapp | Carpenter | 5 |
| Daniel Bryant | Plumber | 4 |

| Name | Position | Years with District |
|---|---|---|
| Donald Burns | General Maintenance | 14 |
| James Starkes | General Maintenance | 12 |
| Bobby Williams | General Maintenance | 9 |
| Mark Davis | General Maintenance | 5 |
| | General Maintenance | |
| Martin Briones | Groundskeeper | 14 |
| Jody Jones | Groundskeeper | 14 |
| Greg Harris | Groundskeeper | 8 |
| James Marten | Groundskeeper | 5 |
| Harlan Albertson | Groundskeeper | 3 |
| Fernando Castaneda | Groundskeeper | 3 |
| Antonio Mojica | Groundskeeper | 2 |

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# Maintenance of Facilities and Grounds

| Type | Quantity |
|---|---|
| Facilities – 12 Campuses & 7 Departments | 1,450,000 Sq Ft |
| Grounds | 538.094 Acres |
| Athletic Fields | 15 Game / Practice Facilities |

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# Work Orders

## Eduphoria Work Order System

- Tracks Work Orders by Campus, Person, Area
- Tracks Inventory

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# Maintenance's Standard Budget Items

| Budget Code | Budgeted Amt |
|---|---|
| Object 6200 (Contract Svc) | $ 159,615 |
| Object 6300 (Supplies) | $ 309,200 |
| Object 6400 (Travel) | $ 4,100 |
| Object 6600 (Equipment) | $ 58,650 |
| | **$** |

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# Facilities Responsibilities

- Safety / Security
- Energy Conservation
- Facility Management
- Facility Scheduling
- Bond Construction

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# Energy Conservation

- **Automated HVAC Systems**
  - Granbury High School
  - Crossland Ninth Grade Center
  - Acton Middle School
  - Granbury Middle School
  - Mambrino
  - Acton Elementary
- **Utility Tracking –** UtilityDirect Software
- **Energy Audits –** Campus/Dept Walk Through

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# Energy Conservation (cont.)

- **Energy Conservation Project (2013)**

  Note: HB 3693 Energy Consumption Data is posted on GISD website

- **HVAC Replacement**
  - HVAC Units - 207 (20 years old)
    - Acton Elementary - 8
    - Baccus - 40
    - Brawner - 49
    - Emma - 37
    - GHS - 25
    - Oak Woods - 48

# Energy Conservation (cont.)

- **HVAC Energy Savings:**
  - Existing HVAC 3-Ton Classroom Unit (11 Sear)
  - New HVAC 3-Ton Classroom Unit (14 Sear)

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# Energy Conservation (cont.)

- **Efficient Lighting Replacement**
  - T-8 Fluorescent Light Retrofit (15,000 New Fixtures)
  - Typical Classroom Fixture:
    - Existing Fixture: 4’ 3-Lamp (68.4 watts)
    - New Fixture: 4’ 2-Lamp (45.26 watts)

    **Total Annual Savings: $70 per classroom**
  - Lighting Controls Project: Sensors - 468 (All Campuses)

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# Energy Conservation (cont.)

- **Water Conservation Replacements**
  - Toilets - 628
  - Urinals - 31
  - Lavatory Faucets - 366
  - Kitchen Faucets - 214
  - Showerheads - 46
  - Ice Machines - 17

GRANBURY ISD
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# Utility Budget 2014-15

- Electric $1,249,000
- Natural Gas $ 223,500
- Water $ 202,650

TOTAL $1,675,150

GRANBURY ISD
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# Electric: Vendors

| Vendor | Avg. Unit Cost * | Campus Covered |
|---|---|---|
| Granbury Municipal | $ 0.1116 | Administration<br>Behavior Transition Center<br>Brawner Intermediate<br>Granbury High School<br>Granbury Middle School<br>Transportation/Maintenance |
| Tri-County | $ 0.0948 | Nettie Baccus |
| United Cooperative Services | $ 0.0891 | Acton Elementary<br>Acton Middle School<br>Emma Roberson Elementary<br>Mambrino<br>Oak Woods<br>Stars |



*** Billing Period Range:** September 2013 to August 2014

GRANBURY ISD
*Helping Students Reach New Heights*

# Water: Consumption and Cost

## Granbury Municipal Utilities:

| Academic Year | Usage (Kgal) | Cost | Avg Unit Cost |
|---|---|---|---|
| 2012-13 | 8,881.57 | $ 118,337.24 | $ 13.32 |
| 2014-15 | 5,791.60 | $ 132,548.11 | $ 22.89 |

## AMUD: (Acton Elementary, Mambrino, and Stars - Acton)



| Academic Year | Usage (Kgal) | Cost | Avg Unit Cost |
|---|---|---|---|
| 2012-13 | 955.65 | $ 9,102.83 | $ 9.53 |
| 2014-15 | 867.99 | $ 7,251.11 | $ 8.35 |

*** Billing Period Range:** September to August

GRANBURY ISD
*Helping Students Reach New Heights*

# Safety Inspections

- Campus/Departments complete four inspections per year.
- The Facilities Department reviews and files the inspection documents.

GRANBURY ISD
*Helping Students Reach New Heights*

# Security

- **Emergency Operation Plans (EOP)**
  - All campuses are required to have an EOP.
  - The same terminology is used by Law Enforcement Agencies.
- **Campuses perform the following EOP Drills:**
  - Fire
  - Tornado
  - Lockdown
  - Evacuation

GRANBURY ISD
*Helping Students Reach New Heights*

# Security (cont.)

- **Security Cameras / DVR's:**

| Campus / Departments | Number of Cameras | Number of DVRS |
|---|---|---|
| AES | 11 | 1 |
| AG Barn | 16 | 1 |
| AMS | 54 | 4 |
| CNG | 31 | 2 |
| EES | 1 | 0 |
| GHS | 77 | 5 |
| GHS Athletics (Cisco) | 13 | 0 |
| GMS | 51 | 4 |
| MAM | 3 | 0 |
| Technology | 8 | 1 |
| Transportation | 9 | 1 |
| **TOTAL** | **274** | **19** |

Crossland Ninth Grade — DVR Room



- **Granbury High School's Future Upgrades**

# Facilities

- **Management of the following:**
  - District Buildings
  - Construction Projects
  - Equipment
  - Utilities

# Facilities (cont.)

- **Scheduling**
  - FacilitiesDirect software program
  - District Events
  - Community Events
  - Automated HVAC per campus

GRANBURY ISD

# 2013-2014 ACCOUNTABILITY
## TEXAS ACADEMIC PERFORMANCE REPORT



Carol Howard
Assistant Superintendent

# Accountability Design

- Year 2 of the new accountability system
- Combines multiple systems (State, AYP, PBM)
- 2013 HB 5 forced changes to proposed systems (fewer EOC's, first year without TAKS)
- Public reporting required
- Texas Academic Performance Reports available on GISD website

# 2013-2014 Focus

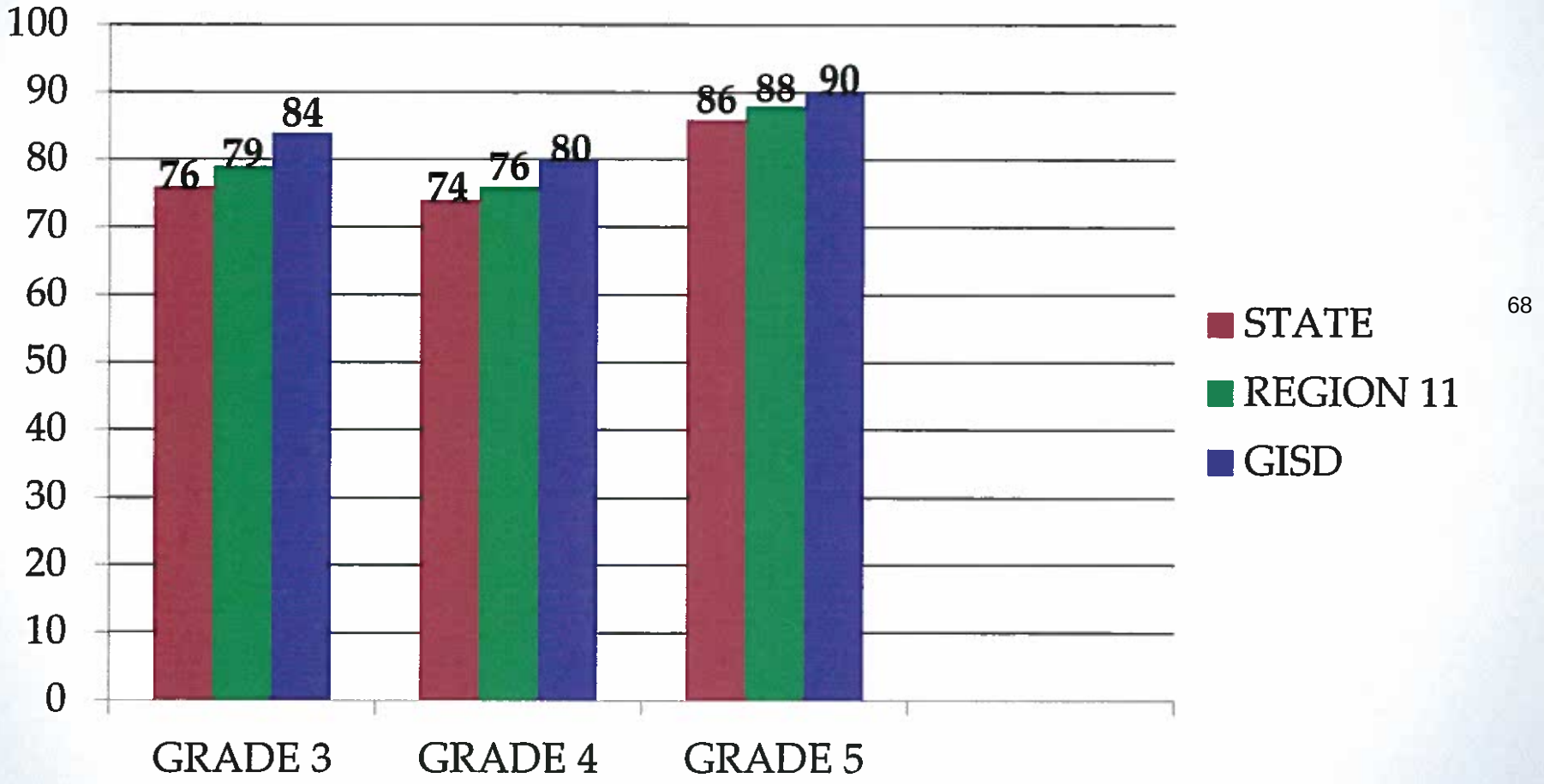
- EOC re-testers
- Writing across the district – elementary to secondary
- Reading focus across the elementary grades; especially at Tier 1
- RtI and % of student referrals focus
- Appropriate test selection for students with disabilities
- Math rigor focus across the district (new TEKS in 2014)
- Secondary THECB measures for "college ready"
- Monitor student progress in all subjects/all students
- Safeguards, PBM, and Federal Program requirements

# Accountability Ratings

- GISD – Met Standard
- All campuses – Met Standard
- No Focus or Priority Campuses (AYP)
- Bilingual/ESL Education – Stage 1(PBM)
- 4 campuses earned Distinctions
- 5 campuses addressing safeguards

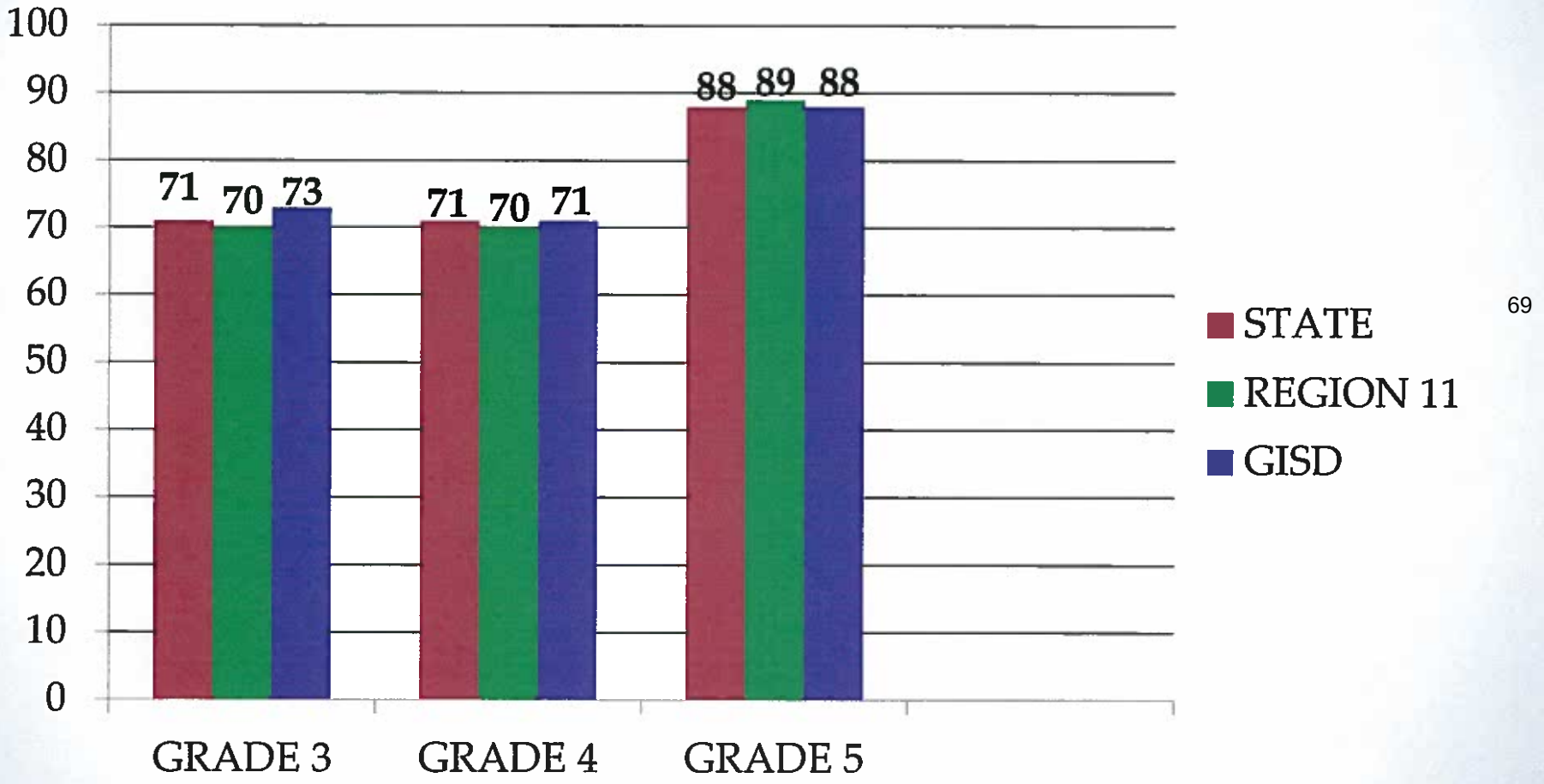
# GRADE 3-5

# STAAR READING



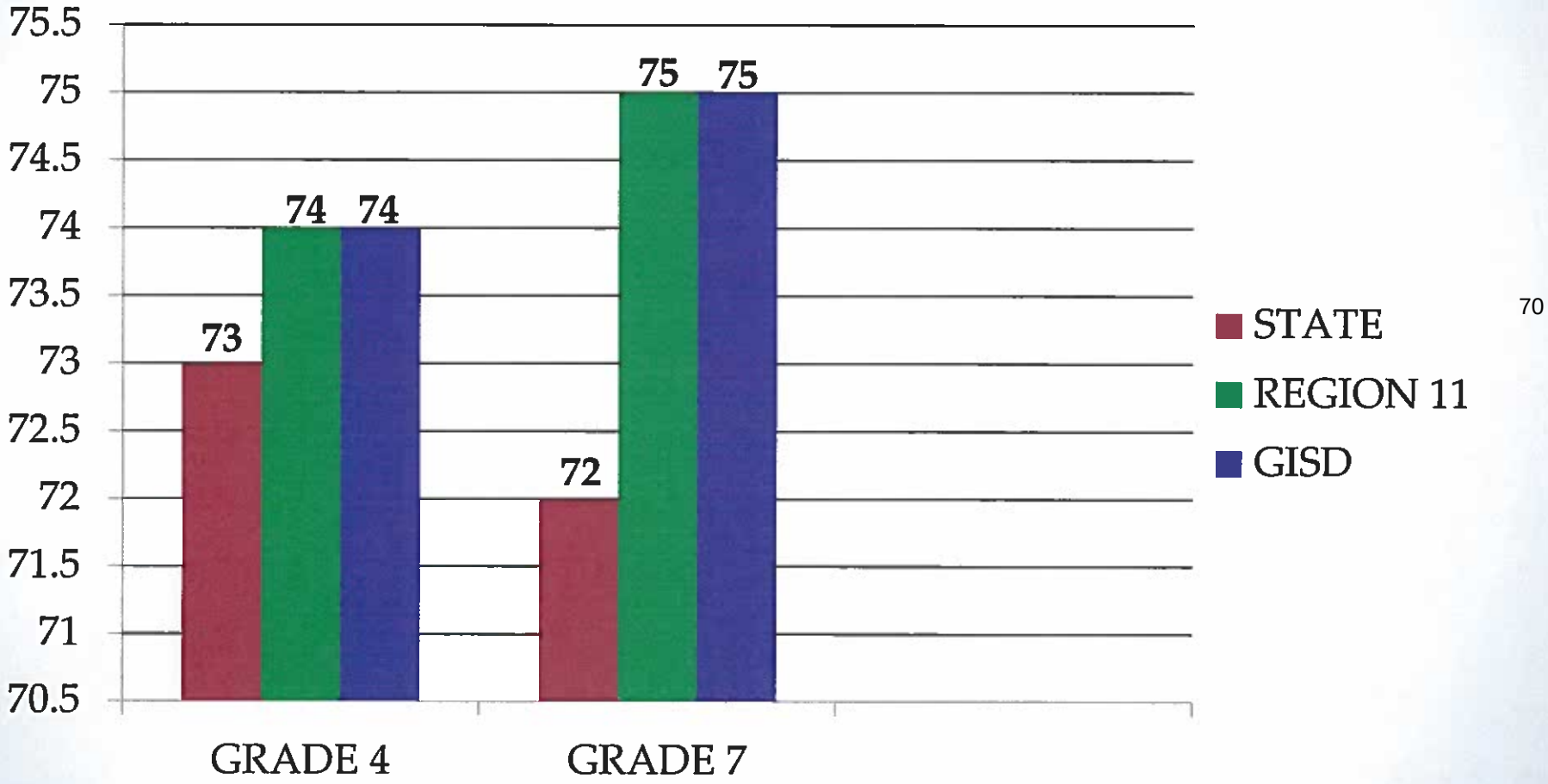
# GRADE 3-5

# STAAR MATH



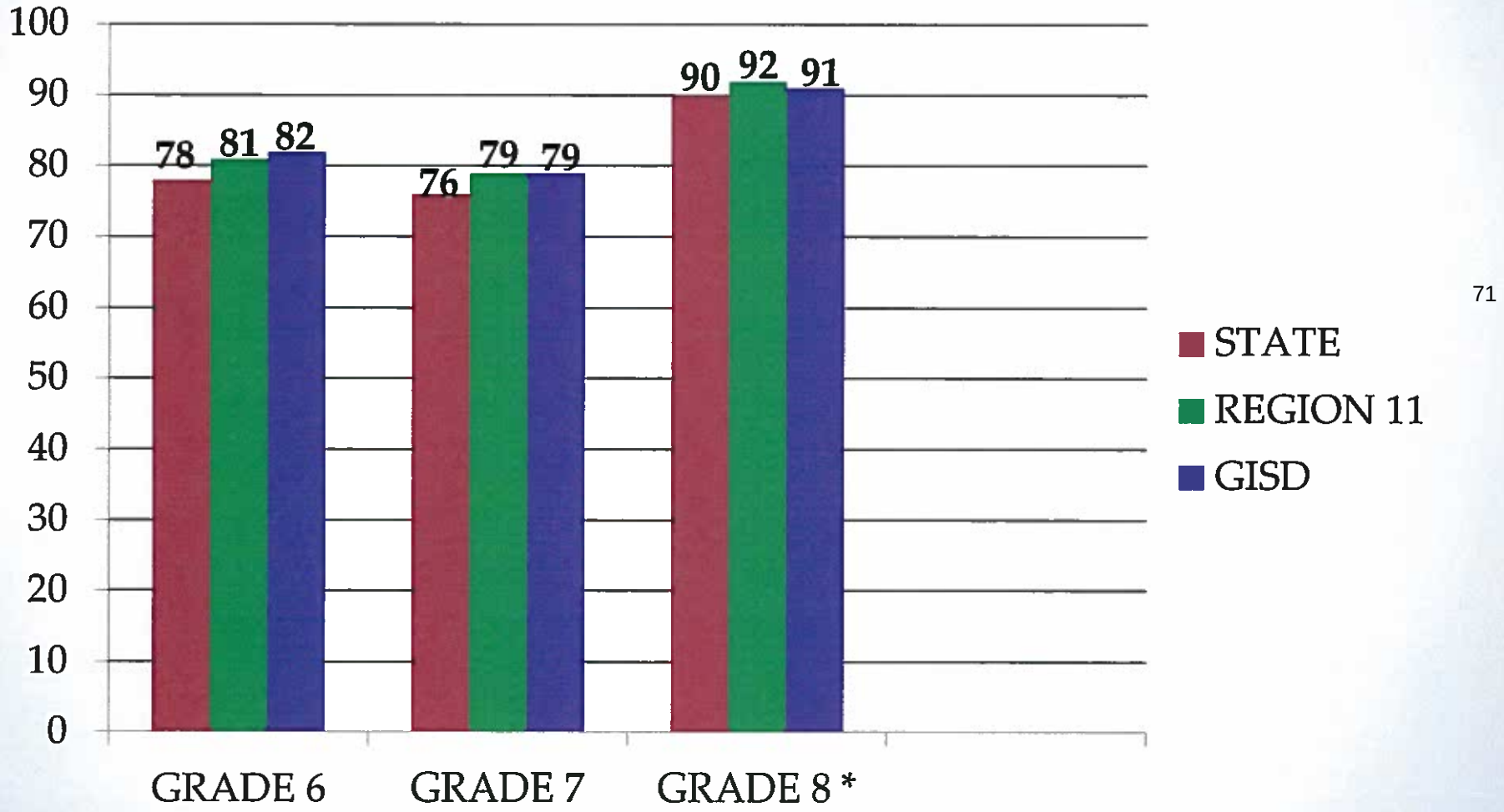
# GRADE 4 & 7

# STAAR WRITING



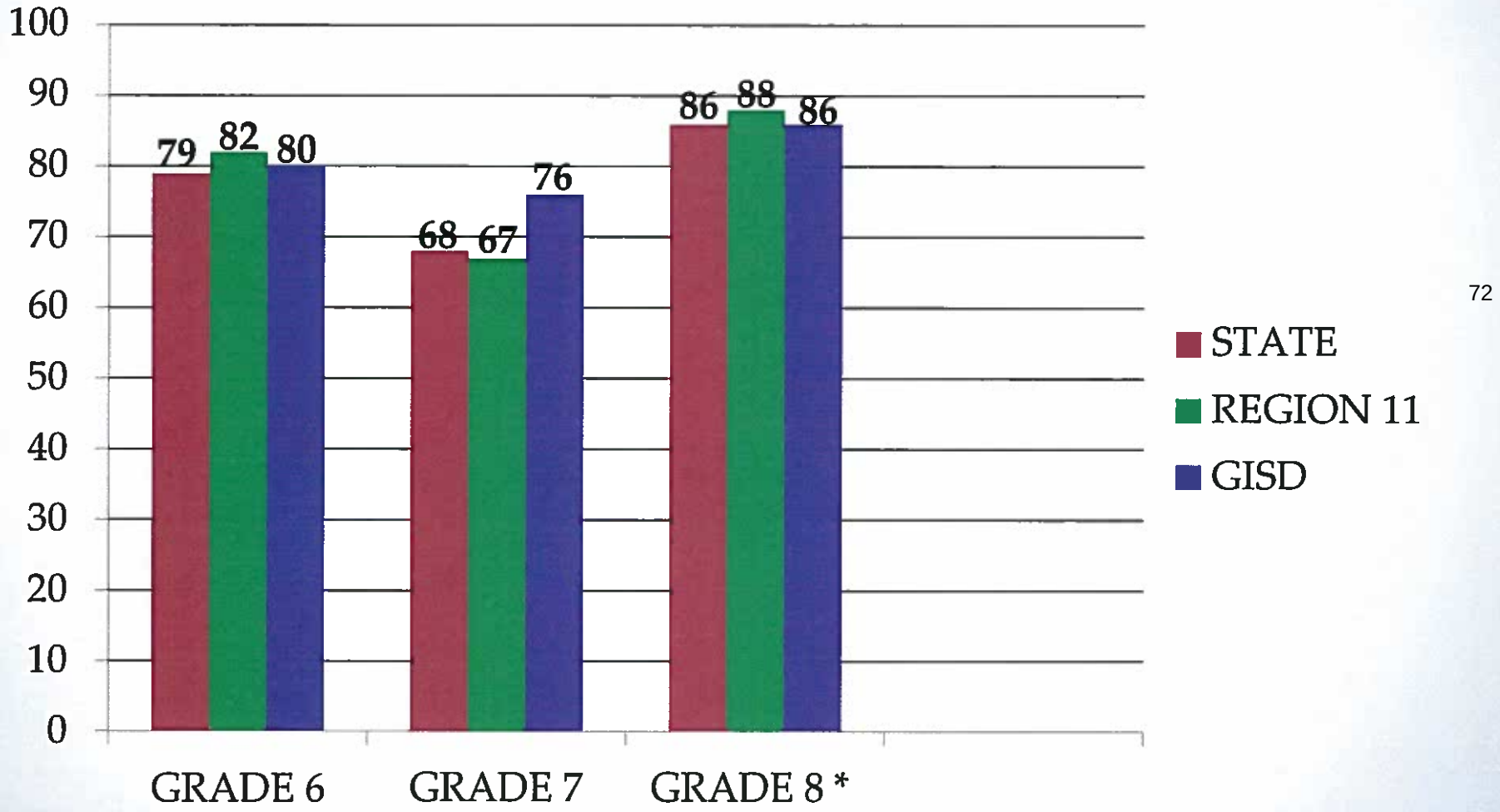
# GRADE 6-8

# STAAR READING



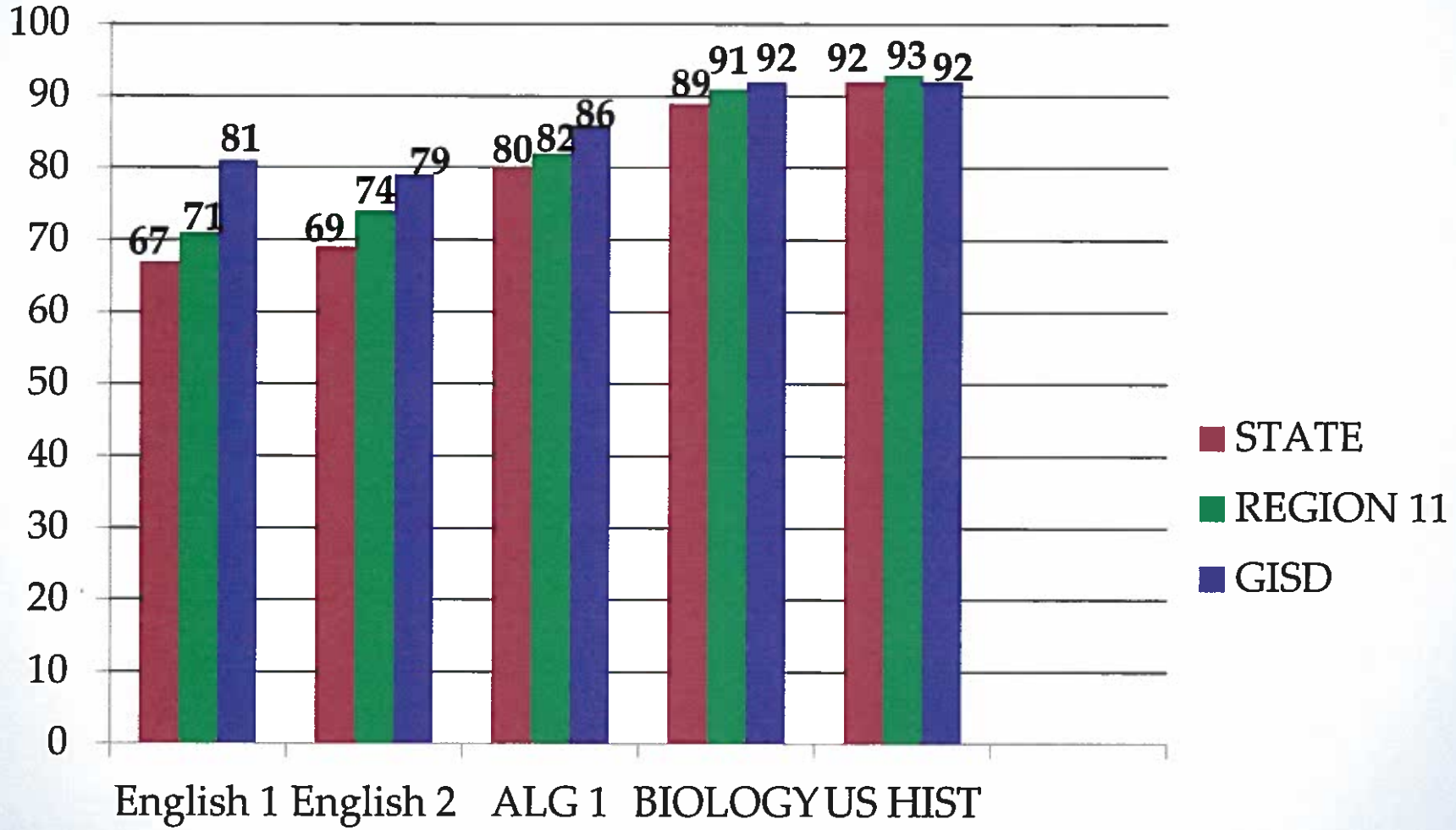
# GRADE 6-8

# STAAR MATH



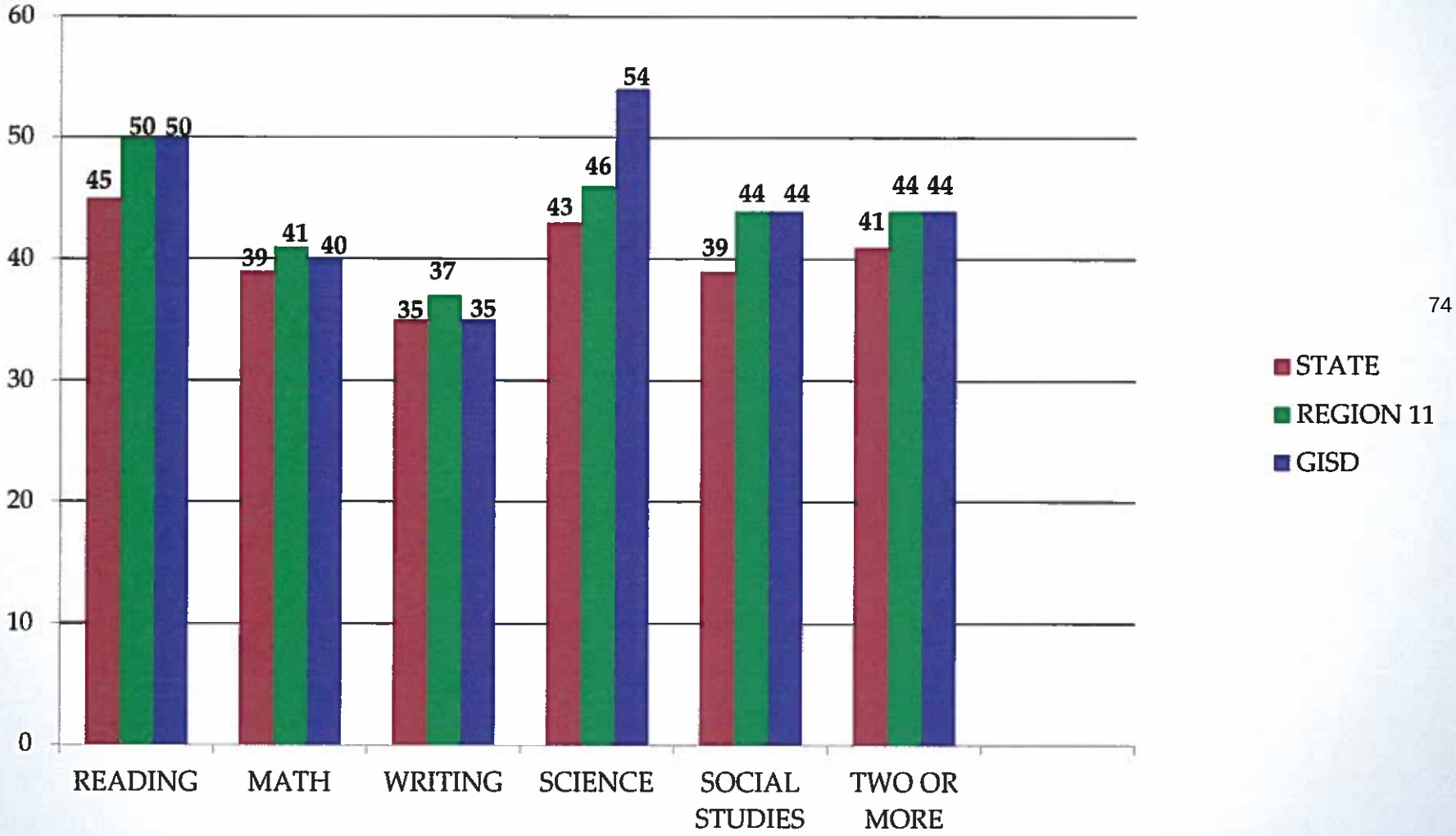
# STAAR

# END OF COURSE

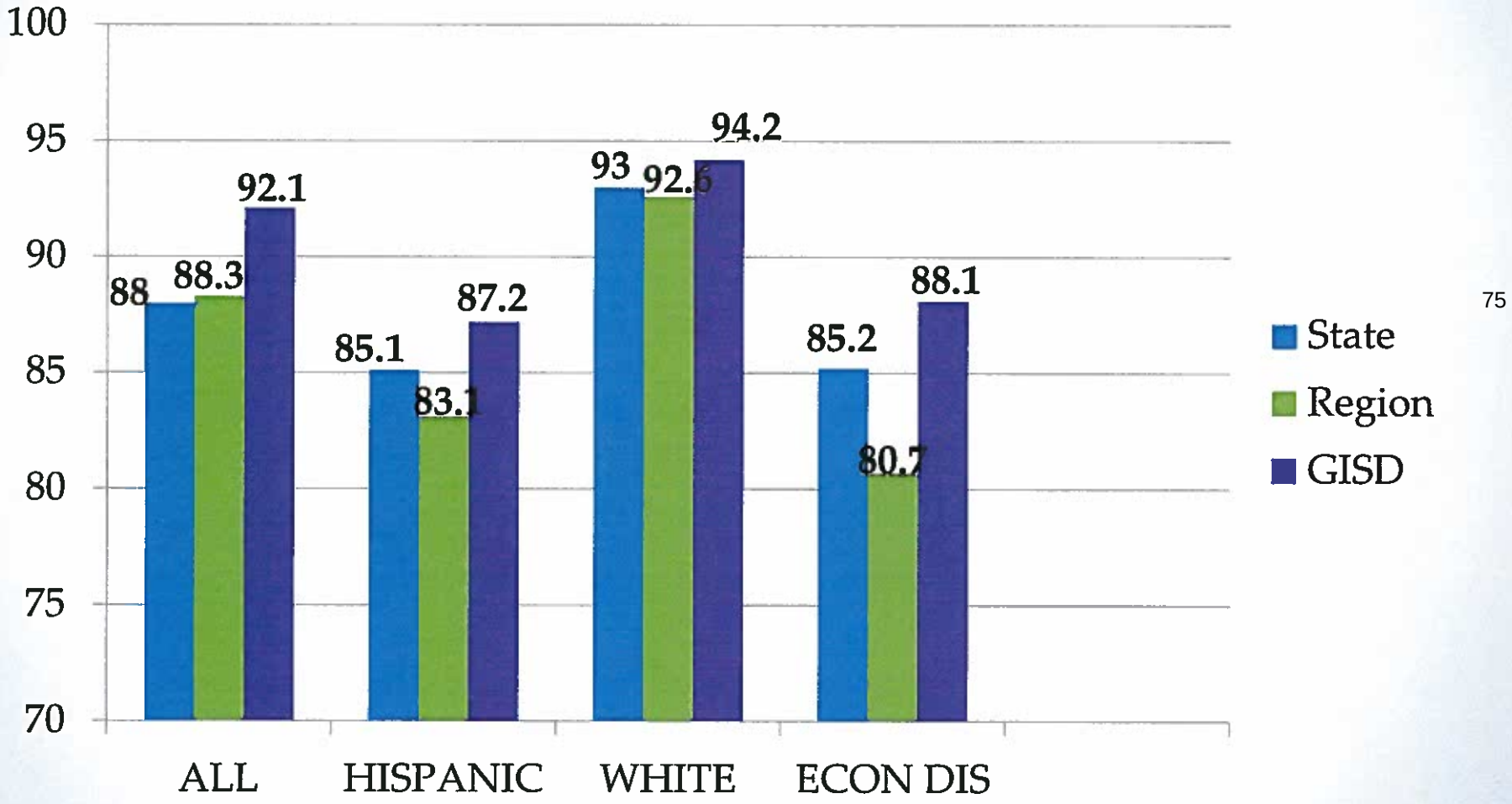


# STAAR AT POSTSECONDARY READINESS

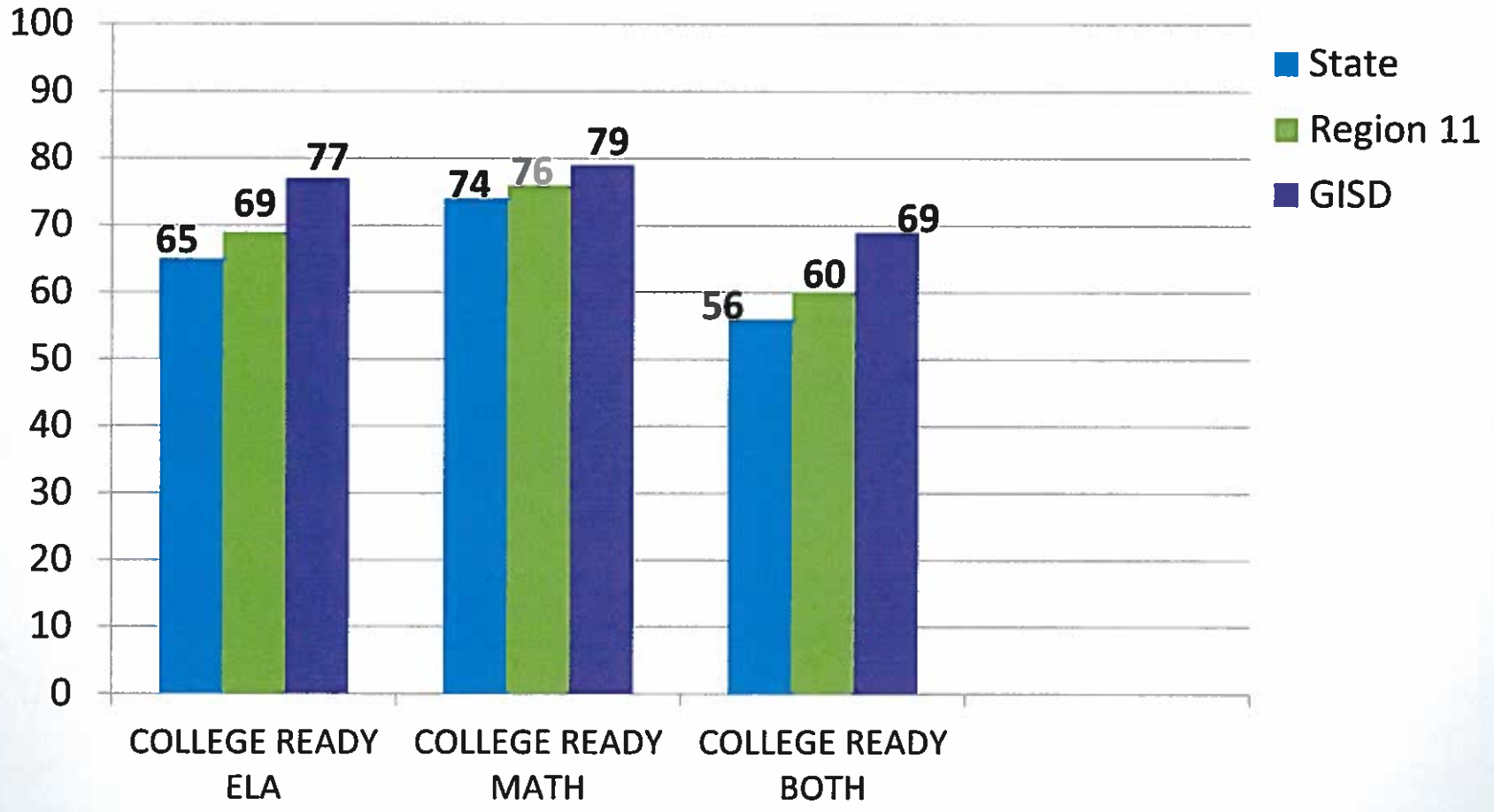
# ALL GRADES



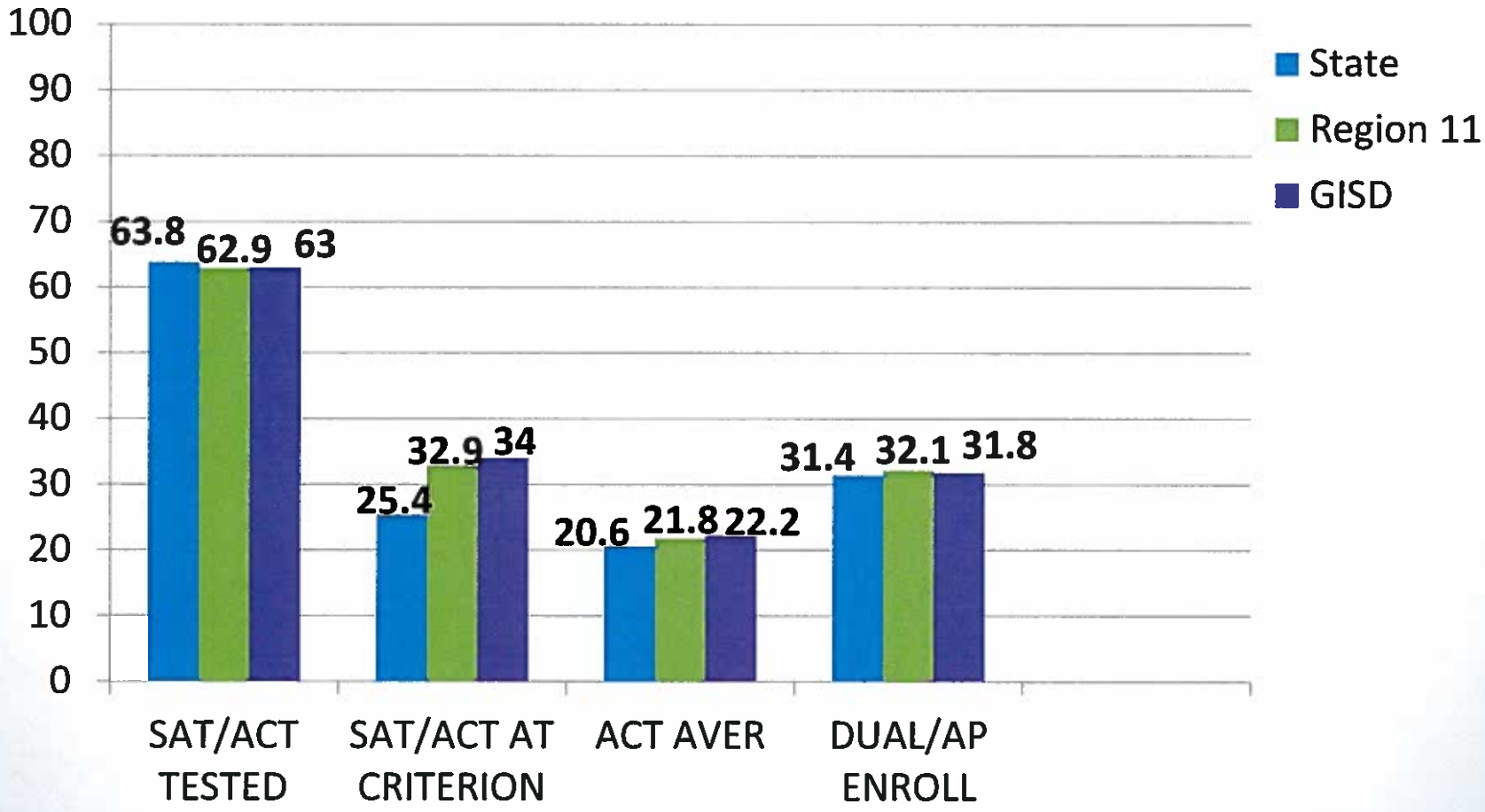
# 4 Year Graduation Rate Class of 2013



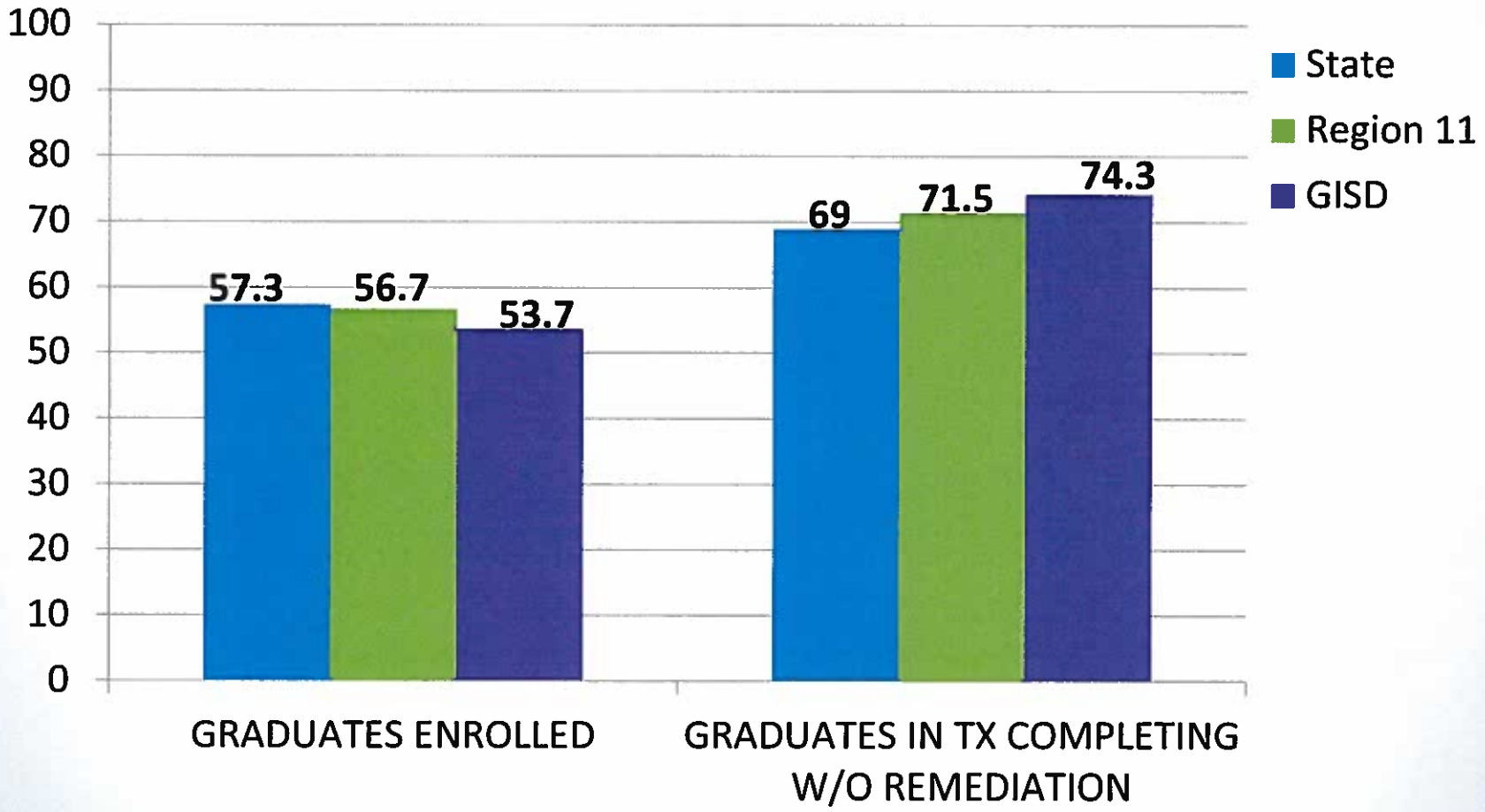
# COLLEGE READINESS INDICATORS



# COLLEGE READINESS INDICATORS



# INSTITUTES OF HIGHER EDUCATION INDICATORS



# 2013-2014 DEMOGRAPHICS

- Total Student Enrollment – 6625
- African American – 0.7%
- Hispanic – 22.4%
- White – 74.1%
- American Indian – 0.8%
- Asian – 0.5%
- Two or More Races 1.5%
- Economically Disadvantaged – 48%
- English Language Learners – 6.6%
- At-Risk 39.6%

# 2015 and Beyond Issues

- English 1 and English 2 were new tests in Spring 2014
- STAAR Modified no longer available due to USDE regulation
- Legislators in session and testing accountability bills are numerous.
- TEA has asked for another $30 Million for new test design
- EOC failers highest rate in the history of high stakes testing
- Climate to reduce testing remains strong

# GISD Unique Circumstance

- GHS – Index 1 continues to be driven by US History and English 2 testers who did not take English 1 in middle school
- CNC – Index 2 growth measures does not include students who took Alg 1 in middle school
- AMS and GMS – Alg 1 and Eng 1 students does not calculate for math/reading progress

# 2013-2014 Focus Results

- Writing increases at secondary EOC level
- Reading and math relatively flat
- Increase in SAT/ACT participation and performance
- College Ready ELA/Math/Both continues to be strong
- Student progress improved on many campuses
- Not staged in PBM for SPED in 2014-2015 but continues in Bilingual/ESL
- No campuses were identified as a Focus/Priority Campus but safeguards continue at 5 campuses

# 2014-2015 Focus

- EOC changes and challenges
- Writing at elementary and middle school
- Reading focus at elementary and middle school
- RtI and % of student referrals focus
- Math rigor focus continues across the district
- Completion/graduation focus at high school level
- Safeguards, PBM, and Federal Program requirements continue monitoring

# State of the District Summary

- GISD experienced pretty flat academic performance as measured by the TAPR
- 3-6 STAAR performance had very limited growth
- Economically Disadvantaged decreased for the first time since 2009
- Growth in Enrollment was reflected in 13-14 and continues in 14-15.
- Hispanic continues as highest percentage of growth
- Graduation rates at GISD dipped for the first time in a number of years, but continued to exceed the Region/State rates
- College Ready performance continued as greatest area of performance

## GRANBURY INDEPENDENT SCHOOL DISTRICT

## INTEROFFICE MEMO

## FINANCE AND BUSINESS AFFAIRS

To: Board of Trustees
Date: December 15, 2014
For: Information

**TO**: Dr. James Largent, Superintendent

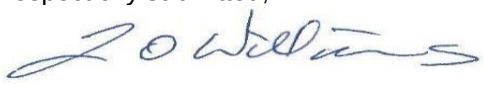
**FROM**: Dobie Williams
**DATE**: December 8, 2014
**RE**: 09/30/14 Financial Statements

**SUMMARY:**

Attached are the financial statements for the period ended September 30, 2014 for the general operating fund.

The statements for the period ended September 30, 2014, include only those transactions that occurred between the period of September 1, 2014, and September 30, 2014. Revenue collected to date equals 3.96% of the budgeted amount compared to 3.88% last year. Expenditures to date represent 5.46% of the budget compared to 9.42% last year.

Respectfully submitted,



Dobie Williams
Assistant Superintendent for Finance and Operations

Staff Person Responsible: Dobie Williams
Carrie Knight-Mapes

Date Submitted: December 8, 2014

**GRANBURY INDEPENDENT SCHOOL DISTRICT**
GENERAL OPERATING FUND
INTERIM STATEMENT OF REVENUES AND EXPENDITURES
FOR THE PERIOD ENDED SEPTEMBER 30, 2014

| | ANNUAL BUDGET | YTD ACTUAL | REMAINING BALANCE | YTD PERCENT |
|---|---|---|---|---|
| **REVENUES** | | | | |
| 5700 LOCAL SOURCES | 48,602,937 | 192,283 | 48,410,654 | 0.40% |
| 5800 STATE SOURCES | 10,005,613 | 2,146,487 | 7,859,126 | 21.45% |
| 5900 FEDERAL SOURCES | 471,500 | 0 | 471,500 | 0.00% |
| **TOTAL REVENUES** | **59,080,050** | **2,338,770** | **56,741,280** | **3.96%** |
| **EXPENDITURES** | | | | |
| 6100 PAYROLL COSTS | 42,858,975 | 1,327,605 | 41,531,370 | 3.10% |
| 6200 PROFESSIONAL & CONTRACTED SERVICES | 12,514,786 | 1,176,219 | 11,338,567 | 9.40% |
| 6300 SUPPLIES/MATERIALS | 2,496,766 | 502,362 | 1,994,404 | 20.12% |
| 6400 OTHER OPERATING | 1,146,441 | 107,858 | 1,038,583 | 9.41% |
| 6500 DEBT SERVICE | 0 | 0 | 0 | #DIV/0! |
| 6600 CAPITAL OUTLAY | 863,250 | 156,168 | 707,082 | 18.09% |
| **TOTAL EXPENDITURES** | **59,880,218** | **3,270,212** | **56,610,006** | **5.46%** |
| **OTHER SOURCES AND USES** | | | | |
| 7900 OTHER RESOURCES | 0 | 0 | 0 | 0.00% |
| 8900 OTHER USES | 0 | 0 | 0 | 0.00% |
| **OTHER SOURCES(USES)** | **0** | **0** | **0** | **0.00%** |
| **EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES** | **(800,168)** | **(931,442)** | **131,274** | |

**GRANBURY INDEPENDENT SCHOOL DISTRICT**
GENERAL OPERATING FUND - SORTED BY FUNCTION CODE
INTERIM STATEMENT OF REVENUES AND EXPENDITURES
FOR THE PERIOD ENDED SEPTEMBER 30, 2014

| | ANNUAL BUDGET | YTD ACTUAL | REMAINING BALANCE | YTD PERCENT | PRIOR YTD PERCENT |
|---|---|---|---|---|---|
| **REVENUES** | | | | | |
| 5700 LOCAL | | | | | |
| PROPERTY TAXES | 48,234,017 | 128,530 | 48,105,487 | 0.27% | 0.18% |
| INVESTMENT INCOME | 25,000 | 13,768 | 11,232 | 55.07% | 2.17% |
| OTHER LOCAL INCOME | 343,920 | 49,984 | 293,936 | 14.53% | 7.13% |
| 5800 STATE | | | | | |
| STATE FUNDING | 10,005,613 | 2,146,487 | 7,859,126 | 21.45% | 20.34% |
| 5900 FEDERAL | | | | | |
| FEDERAL PROJECTS | 471,500 | 0 | 471,500 | 0.00% | 3.13% |
| **TOTAL REVENUES** | **59,080,050** | **2,338,770** | **56,741,280** | **3.96%** | **3.88%** |
| **EXPENDITURES** | | | | | |
| 11 INSTRUCTION | 30,556,886 | 947,206 | 29,609,680 | 3.10% | 8.98% |
| 12 INSTRUCTIONAL RESOURCES & MEDIA | 730,794 | 14,231 | 716,563 | 1.95% | 7.97% |
| 13 CURRICULUM & STAFF DEVELOPMENT | 743,987 | 82,173 | 661,814 | 11.04% | 10.52% |
| 21 INSTRUCTIONAL LEADERSHIP | 484,766 | 37,716 | 447,050 | 7.78% | 9.92% |
| 23 SCHOOL LEADERSHIP | 3,377,900 | 248,824 | 3,129,076 | 7.37% | 9.34% |
| 31 GUIDANCE/COUNSELING | 2,256,909 | 119,863 | 2,137,046 | 5.31% | 10.00% |
| 32 SOCIAL WORK SERVICES | 58,400 | 0 | 58,400 | 0.00% | 100.00% |
| 33 HEALTH SERVICES | 386,727 | 6,465 | 380,262 | 1.67% | 7.83% |
| 34 TRANSPORTATION | 2,986,261 | 282,367 | 2,703,894 | 9.46% | 9.17% |
| 35 FOOD SERVICE | 0 | -16 | 16 | #DIV/0! | 0.00% |
| 36 CO-CURRICULAR/EXTRACURRICULAR | 1,688,508 | 103,360 | 1,585,148 | 6.12% | 9.88% |
| 41 GENERAL ADMINISTRATION | 2,197,224 | 185,790 | 2,011,434 | 8.46% | 11.68% |
| 51 PLANT MAINTENANCE | 6,103,439 | 1,009,599 | 5,093,840 | 16.54% | 22.95% |
| 52 SECURITY & MONITORING SERVICES | 246,880 | 19,490 | 227,390 | 7.89% | 13.29% |
| 53 DATA PROCESSING | 937,595 | 183,198 | 754,397 | 19.54% | 26.07% |
| 61 COMMUNITY EDUCATION | 48,053 | 2,351 | 45,702 | 4.89% | 3.84% |
| 71 DEBT SERVICE | 0 | 0 | 0 | #DIV/0! | 0.00% |
| 81 FACILITIES CONSTRUCTION & ACQUISITION | 0 | 23,527 | (23,527) | #DIV/0! | 5.03% |
| 91 CONTR INSTRUCTIONAL SERVICES | 6,125,889 | 0 | 6,125,889 | 0.00% | 0.00% |
| 93 PAYMENTS TO FISCAL AGENT | | | | | |
| 99 OTHER INTER GOV CHARGES | 950,000 | 4,067 | 945,933 | 0.43% | 0.07% |
| **TOTAL EXPENDITURES** | **59,880,218** | **3,270,212** | **56,610,006** | **5.46%** | **9.42%** |
| | 0 | | | | |
| OTHER SOURCES (USES) | 0 | 0 | 0 | 0.00% | 0.00% |
| **EXCESS (DEFICIENCY) OF REVENUE OVER EXPENDITURES** | **(800,168)** | **(931,442)** | **131,274** | | |

## GRANBURY INDEPENDENT SCHOOL DISTRICT

## INTEROFFICE MEMO

## FINANCE AND BUSINESS AFFAIRS

To: Board of Trustees
Date: December 15, 2014
For: Information

**TO**: Dr. James Largent, Superintendent

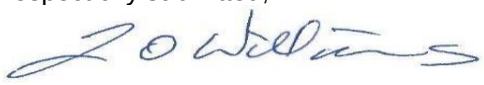
**FROM**: Dobie Williams
**DATE**: December 8, 2014
**RE**: 10/31/14 Financial Statements

**SUMMARY:**

Attached are the financial statements for the period ended October 31, 2014 for the general operating fund.

The statements for the period ended October 31, 2014, include only those transactions that occurred between the period of September 1, 2014, and October 31, 2014. Revenue collected to date equals 5.88% of the budgeted amount compared to 7.25% last year. Expenditures to date represent 13.58% of the budget compared to 17.22% last year.

Respectfully submitted,



Dobie Williams
Assistant Superintendent for Finance and Operations

Staff Person Responsible: Dobie Williams
Carrie Knight-Mapes

Date Submitted: December 8, 2014

**GRANBURY INDEPENDENT SCHOOL DISTRICT**
GENERAL OPERATING FUND
INTERIM STATEMENT OF REVENUES AND EXPENDITURES
FOR THE PERIOD ENDED OCTOBER 31, 2014

| | ANNUAL BUDGET | YTD ACTUAL | REMAINING BALANCE | YTD PERCENT |
|---|---|---|---|---|
| **REVENUES** | | | | |
| 5700 LOCAL SOURCES | 48,604,859 | 1,323,093 | 47,281,766 | 2.72% |
| 5800 STATE SOURCES | 10,005,613 | 2,146,277 | 7,859,336 | 21.45% |
| 5900 FEDERAL SOURCES | 471,500 | 5,814 | 465,686 | 1.23% |
| **TOTAL REVENUES** | **59,081,972** | **3,475,184** | **55,606,788** | **5.88%** |
| **EXPENDITURES** | | | | |
| 6100 PAYROLL COSTS | 42,858,975 | 4,837,680 | 38,021,295 | 11.29% |
| 6200 PROFESSIONAL & CONTRACTED SERVICES | 12,515,771 | 1,863,122 | 10,652,649 | 14.89% |
| 6300 SUPPLIES/MATERIALS | 2,497,703 | 720,019 | 1,777,684 | 28.83% |
| 6400 OTHER OPERATING | 1,146,441 | 398,293 | 748,148 | 34.74% |
| 6500 DEBT SERVICE | 0 | 0 | 0 | #DIV/0! |
| 6600 CAPITAL OUTLAY | 863,250 | 311,803 | 551,447 | 36.12% |
| **TOTAL EXPENDITURES** | **59,882,140** | **8,130,916** | **51,751,224** | **13.58%** |
| **OTHER SOURCES AND USES** | | | | |
| 7900 OTHER RESOURCES | 0 | 0 | 0 | 0.00% |
| 8900 OTHER USES | 0 | 0 | 0 | 0.00% |
| **OTHER SOURCES(USES)** | **0** | **0** | **0** | **0.00%** |
| **EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES** | **(800,168)** | **(4,655,732)** | **3,855,564** | |

**GRANBURY INDEPENDENT SCHOOL DISTRICT**
GENERAL OPERATING FUND - SORTED BY FUNCTION CODE
INTERIM STATEMENT OF REVENUES AND EXPENDITURES
FOR THE PERIOD ENDED OCTOBER 31, 2014

| | ANNUAL BUDGET | YTD ACTUAL | REMAINING BALANCE | YTD PERCENT | PRIOR YTD PERCENT |
|---|---|---|---|---|---|
| **REVENUES** | | | | | |
| 5700 LOCAL | | | | | |
| PROPERTY TAXES | 48,234,017 | 1,158,504 | 47,075,513 | 2.40% | 0.50% |
| INVESTMENT INCOME | 25,000 | 27,987 | -2,987 | 111.95% | 4.28% |
| OTHER LOCAL INCOME | 345,842 | 136,602 | 209,240 | 39.50% | 29.03% |
| 5800 STATE | | | | | |
| STATE FUNDING | 10,005,613 | 2,146,277 | 7,859,336 | 21.45% | 36.52% |
| 5900 FEDERAL | | | | | |
| FEDERAL PROJECTS | 471,500 | 5,814 | 465,686 | 1.23% | 10.10% |
| **TOTAL REVENUES** | **59,081,972** | **3,475,184** | **55,606,788** | **5.88%** | **7.25%** |
| **EXPENDITURES** | | | | | |
| 11 INSTRUCTION | 30,557,823 | 3,521,687 | 27,036,136 | 11.52% | 17.34% |
| 12 INSTRUCTIONAL RESOURCES & MEDIA | 730,794 | 83,200 | 647,594 | 11.38% | 15.77% |
| 13 CURRICULUM & STAFF DEVELOPMENT | 743,987 | 145,210 | 598,777 | 19.52% | 16.96% |
| 21 INSTRUCTIONAL LEADERSHIP | 484,766 | 80,749 | 404,017 | 16.66% | 18.00% |
| 23 SCHOOL LEADERSHIP | 3,377,900 | 561,344 | 2,816,556 | 16.62% | 17.63% |
| 31 GUIDANCE/COUNSELING | 2,257,894 | 319,519 | 1,938,375 | 14.15% | 18.06% |
| 32 SOCIAL WORK SERVICES | 58,400 | 64,648 | (6,248) | 110.70% | 100.00% |
| 33 HEALTH SERVICES | 386,727 | 38,582 | 348,145 | 9.98% | 16.59% |
| 34 TRANSPORTATION | 2,986,261 | 668,558 | 2,317,703 | 22.39% | 33.05% |
| 35 FOOD SERVICE | 0 | -16 | 16 | #DIV/0! | 0.00% |
| 36 CO-CURRICULAR/EXTRACURRICULAR | 1,688,508 | 258,367 | 1,430,141 | 15.30% | 17.57% |
| 41 GENERAL ADMINISTRATION | 2,197,224 | 392,488 | 1,804,736 | 17.86% | 19.39% |
| 51 PLANT MAINTENANCE | 6,103,439 | 1,669,673 | 4,433,766 | 27.36% | 31.10% |
| 52 SECURITY & MONITORING SERVICES | 246,880 | 39,913 | 206,967 | 16.17% | 25.36% |
| 53 DATA PROCESSING | 937,595 | 254,595 | 683,000 | 27.15% | 32.52% |
| 61 COMMUNITY EDUCATION | 48,053 | 4,804 | 43,249 | 10.00% | 6.04% |
| 71 DEBT SERVICE | 0 | 0 | 0 | #DIV/0! | 0.00% |
| 81 FACILITIES CONSTRUCTION & ACQUISITION | 0 | 23,527 | (23,527) | #DIV/0! | 4.96% |
| 91 CONTR INSTRUCTIONAL SERVICES | 6,125,889 | 0 | 6,125,889 | 0.00% | 0.00% |
| 93 PAYMENTS TO FISCAL AGENT | | | | | |
| 99 OTHER INTER GOV CHARGES | 950,000 | 4,067 | 945,933 | 0.43% | 0.07% |
| **TOTAL EXPENDITURES** | **59,882,140** | **8,130,916** | **51,751,224** | **13.58%** | **17.22%** |
| | 0 | | | | |
| OTHER SOURCES (USES) | 0 | 0 | 0 | 0.00% | 0.00% |
| **EXCESS (DEFICIENCY) OF REVENUE OVER EXPENDITURES** | **(800,168)** | **(4,655,732)** | **3,855,564** | | |

## GRANBURY INDEPENDENT SCHOOL DISTRICT

## INTEROFFICE MEMO

## FINANCE AND BUSINESS AFFAIRS

To: Board of Trustees
Date: December 15, 2014
For: Information

**TO**: Dr. James Largent, Superintendent

**FROM**: L. O. "Dobie" Williams
**DATE**: December 8, 2014
**RE**: Cash Flow and Investment Reports
As of 09/30/14 and 10/31/2014

**SUMMARY:**

Attached are the Cash Flow and Investment Reports for the periods ended September 30, 2014 and October 30, 2014.

Respectfully submitted,

L. O. "Dobie" Williams
Assistant Superintendent for Finance and Operations

Staff Person Responsible: Dobie Williams
Carrie Knight-Mapes

Date Submitted: December 8, 2014

# GRANBURY INDEPENDENT SCHOOL DISTRICT
## CASH AND INVESTMENT REPORT
### FROM SEPTEMBER 1, 2014 TO SEPTEMBER 30, 2014

**FOR BOARD MEETING DECEMBER 15, 2014**

| | | FIRST FINANCIAL BANK | | | | | | | | INVESTMENTS | | | | CDARs | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | GENERAL FUND | DEBT | CAPITAL PROJ | PAYROLL | A/P | WC FUND | EZDENT | CHILD NUTRITION | LOGIC | LONE STAR | TEXPOOL | TEXASTERM | PROGRAM | TOTAL |
| **BEGINNING BALANCE-SEPTEMBER 1, 2014** | | **818,798** | **10,074** | **79,749** | **1,525,413** | **604,451** | **580,140** | **52,962** | **49,007** | **5,938,041** | **2,481,603** | **2,162,768** | **9,697,557** | **72,270,270** | 96,270,833 |
| LOCAL REVENUE-RENT, CAFÉ MEALS,ATH | | 104,431 | | | | | | | 128,770 | | | | | | 233,200 |
| | | | | | | | | | | | | | | | - |
| TAX COLLECTIONS | | 100,871 | 10,328 | | | | | | | | | | | | 111,200 |
| | | | | | | | | | | | | | | | 92 - |
| TEA COLLECTIONS: | | | | | | | | | | | | | | | - |
| CHILD NUTRITION | | 53,258 | | | | | | | 53,258 | | | | | | 106,515 |
| FOUNDATION | | 3,804,943 | | | | | | | | | | | | | 3,804,943 |
| TITLE FUNDS | | - | | | | | | | | | | | | | - |
| AVAILABLE SCHOOL FUND | | - | | | | | | | | | | | | | - |
| IDEA-B FUNDS | | - | | | | | | | | | | | | | - |
| IMA | | 2,052 | | | | | | | | | | | | | 2,052 |
| PERKINS | | - | | | | | | | | | | | | | - |
| MAC/SHARS | | 30 | | | | | | | | | | | | | 30 |
| TRANSFERS IN | | 2,077,963 | | 5,597,200 | 3,541,516 | 3,677,346 | - | - | | | | | | | 14,894,024 |
| | | | | | | | | | | | | | | | - |
| BOND PAYMENT | | | | | | | | | | | | | | | - |
| OPERATING EXPENSES | | (770,373) | - | (2,871,587) | | (3,816,025) | (20,088) | (33,642) | (68,850) | - | | | | | (7,580,565) |
| PAYROLL | | (3,435,174) | | | (3,492,484) | | | | (105,569) | | | | | | (7,033,228) |
| TEA RECAPTURE | | - | | | | | | | | | | | | | - |
| TRANSFERS OUT | | - | | - | | | | | | (2,000,000) | (1,800,000) | (1,100,000) | - | (2,695,000) | (7,595,000) |
| MONTHLY INTEREST EARNED AND PAID | | 219 | 3 | 112 | 214 | 107 | 90 | 8 | 13 | 310 | 50 | 41 | 393 | 29,315 | 30,874 |
| ACCRUED INTEREST PAID | | | | | | | | | | | | | | | - |
| **ENDING BALANCE-SEPTEMBER 30, 2014** | | 2,757,018 | 20,405 | 2,805,474 | 1,574,658 | 465,879 | 560,142 | 19,327 | 56,628 | 3,938,351 | 681,653 | 1,062,809 | 9,697,950 | 69,604,585 | 93,244,879 |
| | | | | | | | | | | | | | | | |
| INTEREST ACCRUED, NOT PAID AT MONTHS END | | | | | | | | | | | | | 163 | 12,213 | $ 12,377 |
| | | | | | | | | | | | | | | | |
| WEIGHTED AVERAGE MATURITY | | 1 Day | 1 Day | 1 Day | 1 Day | 1 Day | 1 Day | 1 Day | 1 Day | 59 Days | 46 Days | 51 Days | 55 Days | 206 Days | |
| | | | | | | | | | | | | | | | |
| CURRENT MONTH AVERAGE MONTHLY INTEREST RATE: | | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.080% | 0.050% | 0.033% | 0.060% | Various | |
| PRIOR MONTH AVERAGE MONTHLY INTEREST RATE: | | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.093% | 0.053% | 0.040% | 0.060% | Various | |
| | | | | | | | | | | | | | CDs - 0.40% | | |

I, the approved Investment Officer of Granbury ISD, hereby certify that the above Investment Report represents the investment position of the District (as of the end of the month indicated at the top of this investment form) in accordance with the Board approved Investment Funds Policy, the Public Funds Investment Act (Texas Government Code 2256), and Generally Accepted Accounting Principals (GAAP).

L O Williams

L.O. "Dobie" Williams
Assistant Superintendent for Finance and Operations

| **2013-14 INTEREST** | | | |
|---|---|---|---|
| ACCRUED (as of 9/1/14) | | | |
| Sep-14 | $ 30,873.95 | | Mar-15 |
| Oct-14 | | | Apr-15 |
| Nov-14 | | | May-15 |
| Dec-14 | | | Jun-15 |
| Jan-15 | | | Jul-15 |
| Feb-15 | | | Aug-15 |
| | | **TOTAL** | $ 30,873.95 |

| | |
|---|---|
| APR INTEREST ACCRUED | $ 12,376.52 |
| APR INTEREST EARNED & PD | $ 30,873.95 |
| APR TOTAL INTEREST | $ 43,250.47 |

# GRANBURY INDEPENDENT SCHOOL DISTRICT

## CASH AND INVESTMENT REPORT

### FROM OCTOBER 1, 2014 TO OCTOBER 31, 2014

**FOR BOARD MEETING DECEMBER 15, 2014**

| | | FIRST FINANCIAL BANK | | | | | | | | INVESTMENTS | | | | CDARs | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | GENERAL FUND | DEBT | CAPITAL PROJ | PAYROLL | A/P | WC FUND | EZDENT | CHILD NUTRITION | LOGIC | LONE STAR | TEXPOOL | TEXAS TERM | PROGRAM | TOTAL |
| **BEGINNING BALANCE-OCTOBER 1, 2014** | | **$ 2,757,018** | **$ 20,405** | **$ 2,805,474** | **$ 1,574,658** | **$ 465,879** | **$ 560,142** | **$ 19,327** | **$ 56,628** | **$ 3,938,351** | **$ 681,653** | **$ 1,062,809** | **$ 9,697,950** | **$ 69,604,585** | $ 93,244,879 |
| LOCAL REVENUE-RENT, CAFÉ MEALS,ATH | | $ 365,325 | | | | | | | $ 153,249 | | | | | | $ 518,574 |
| | | | | | | | | | | | | | | | $ - |
| TAX COLLECTIONS | | $ 1,102,156 | $ 224,149 | | | $ - | | | | | | | | | $ 1,326,305 |
| | | | | | | | | | | | | | | | $ - |
| TEA COLLECTIONS: | | | | | | | | | | | | | | | $ - |
| CHILD NUTRITION | | $ 221,820 | | | | | | | $ 221,820 | | | | | | $ 443,640 |
| FOUNDATION | | $ 1,704,544 | | | | | | | | | | | | | $ 1,704,544 |
| TITLE FUNDS | | | | | | | | | | | | | | | $ - |
| AVAILABLE SCHOOL FUND | | $ - | | | | | | | | | | | | | $ - |
| IDEA-B FUNDS | | | | | | | | | | | | | | | $ - |
| IMA | | $ 22,329 | | | | | | | | | | | | | $ 22,329 |
| PERKINS | | | | | | | | | | | | | | | $ - |
| MAC/SHARS | | $ 56,782 | | | | | | | | | | | | | $ 56,782 |
| TRANSFERS IN | | $ 2,000,000 | | $ 9,072 | $ 3,697,769 | $ 2,937,042 | $ 2,283 | | $ 430,000 | | | | | | $ 9,076,166 |
| | | | | | | | | | | | | | | | $ - |
| BOND PAYMENT | | | | | | | | | | | | | | | $ - |
| OPERATING EXPENSES | | $ (2,827,064) | | $ (544,157) | | $ (2,790,397) | $ (42,270) | $ (11,775) | $ (545,361) | $ - | | | | | $ (6,761,023) |
| PAYROLL | | $ (3,467,421) | | $ - | $ (3,692,850) | | | | $ (118,503) | | | | | | $ (7,278,774) |
| TEA RECAPTURE | | | $ - | | | $ - | | | | | | | | | $ - |
| TRANSFERS OUT | | | | | | | | | | $ (10,000) | | | $ (2,220,000) | | $ (2,230,000) |
| MONTHLY INTEREST EARNED AND PAID | | $ 569 | $ 20 | $ 464 | $ 143 | $ 90 | $ 99 | $ 3 | $ 15 | $ 294 | $ 28 | $ 24 | $ 323 | $ 699 | $ 2,772 |
| ACCRUED INTEREST PAID | | | | | | | | | | | | | | | $ - |
| **ENDING BALANCE-OCTOBER 31, 2014** | | $ 1,936,058 | $ 244,574 | $ 2,270,853 | $ 1,579,720 | $ 612,613 | $ 520,255 | $ 7,555 | $ 197,848 | $ 3,928,644 | $ 681,681 | $ 1,062,833 | $ 7,478,273 | $ 69,605,284 | $ 90,126,193 |
| | | | | | | | | | | | | | | | |
| INTEREST ACCRUED, NOT PAID AT MONTHS END | | | | | | | | | | | | | | $ 12,682 | $ 12,682 |
| | | | | | | | | | | | | | | | |
| WEIGHTED AVERAGE MATURITY | | 1 Day | 1 Day | 1 Day | 1 Day | 1 Day | 1 Day | 1 Day | 1 Day | 56 Days | 44 Days | 51 Days | 53 Days | 181 Days | |
| | | | | | | | | | | | | | | | |
| CURRENT MONTH AVERAGE MONTHLY INTEREST RATE: | | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.088% | 0.050% | 0.268% | 0.060% | | |
| PRIOR MONTH AVERAGE MONTHLY INTEREST RATE: | | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.200% | 0.080% | 0.050% | 0.033% | 0.060% | Various | |
| | | | | | | | | | | | | | CDs - 0.40% | | |

I, the approved Investment Officer of Granbury ISD, hereby certify that the above Investment Report represents the investment position of the District (as of the end of the month indicated at the top of this investment form) in accordance with the Board approved Investment Funds Policy, the Public Funds Investment Act (Texas Government Code 2256), and Generally Accepted Accounting Principals (GAAP).

L O Williams

L.O. "Dobie" Williams
Assistant Superintendent for Finance and Operations

| **2013-14 INTEREST** | | | |
|---|---|---|---|
| ACCRUED (as of 9/1/13) | | | |
| Sep-13 | $ 30,873.95 | | Mar-14 |
| Oct-13 | $ 2,771.66 | | Apr-14 |
| Nov-13 | | | May-14 |
| Dec-13 | | | Jun-14 |
| Jan-14 | | | Jul-14 |
| Feb-14 | | | Aug-14 |
| | | | **TOTAL** $ 33,645.61 |

| | |
|---|---|
| OCT INTEREST ACCRUED | $ 12,682.23 |
| OCT INTEREST EARNED & PD | $ 2,771.66 |
| OCT TOTAL INTEREST | $ 15,453.89 |

## GRANBURY INDEPENDENT SCHOOL DISTRICT

## INTEROFFICE MEMO

## FINANCE AND BUSINESS AFFAIRS

To: Board of Trustees
Date: December 15, 2014
For: Information

**TO**: Dr. James Largent, Superintendent

**FROM**: L. O. "Dobie" Williams
**DATE**: December 8, 2014
**RE**: Bond Expenditure Update
As of 11/30/14

**SUMMARY:**

Attached are bond expenditures through the period ended November 30, 2014. Expenditures are divided into two categories - "Construction" and "Other Areas". The Construction category includes expenditures related to the construction or renovation/remodeling of buildings. The Construction category also includes a breakdown of expenditures by vendor. The Other Areas category includes expenditures for non-construction related expenditures from bond funds.

Respectfully submitted,

L. O. "Dobie" Williams
Assistant Superintendent for Finance and Operations

Staff Person Responsible: Dobie Williams
Carrie Knight-Mapes
Karen Johnson

Date Submitted: December 8, 2014

# Bond Project Status

*Budget, Commitments, Expenditures, Construction Contracts ( thru 11/30/14 )*

## Summary Status - Construction

| Description | Budgeted | Committed | Expended |
|---|---|---|---|
| Soft Cost | $ 5,819,639.00 | $ 38,586.25 | $ 3,395,245.01 |
| Hard Cost | $ 53,944,065.00 | $ 721,667.90 | $ 2,852,430.10 |
| Contingency | $ 3,946,732.00 | $ 72,704.59 | $ 268,690.28 |
| ***Total*** | ***$ 63,710,436.00*** | ***$ 832,958.74*** | ***$ 6,516,365.39*** |

## Construction Vendor Status

| Contract / Service | Paid to Date | Description |
|---|---|---|
| Alliance Geotech | $ 40,988.75 | *Materials Testing* |
| Buford-Thompson | $ 3,079,268.73 | *Construction Mgr* |
| City of Granbury | $ 176,717.02 | *Permits* |
| Elliott Electric | $ 8,536.26 | *CTE Move to Ag Complex* |
| HC News | $ 196.50 | *Public Notice Ad* |
| Home Depot | $ 303.43 | *Ramps to Portables; Misc.* |
| HD Snow House Moving | $ 13,600.00 | *Move Portables* |
| Huckabee | $ 3,123,839.24 | *Architect* |
| JPH Land Surveying | $ 44,900.00 | *Surveying* |
| Print One | $ 133.25 | *Signage - OW* |
| School Specialty | $ 367.71 | *White Board - OW* |
| TASB | $ 18,632.00 | *Asbestos Testing - All campuses* |
| The Rios Group | $ 8,800.00 | *Subsurface Utility* |
| Woodard Builders | $ 82.50 | *Glass in Receptionist Door - BES* |
| ***Total*** | ***$ 6,516,365.39*** | |

## Summary Status - Other Areas

| Description | Budgeted | Committed | Expended |
|---|---|---|---|
| Band Equip | $ 400,000.00 | $ 53,097.00 | $ 167,564.97 |
| Bus Replacement | $ 1,600,000.00 | $ 290,134.00 | $ 468,190.00 |
| Classroom Furniture | $ 1,000,000.00 | $ - | $ 206,180.40 |
| Furniture, Fixture, Equip | $ 4,461,564.00 | $ - | $ - |
| Technology | $ 10,800,000.00 | $ - | $ 1,036,912.69 |
| ***Total*** | ***$ 18,261,564.00*** | ***$ 343,231.00*** | ***$ 1,878,848.06*** |

**OFFICE OF SUPERINTENDENT**

| | |
|---|---|
| **For:** | **Board of Trustees** |
| **Date:** | **December 15, 2014** |
| **Action:** | **Information** |

| | | | |
|---|---|---|---|
| **To:** | **Board of Trustees** | **From:** | **Dr. James M. Largent** |
| | | **Date:** | **December 1, 2014** |
| | | **RE:** | **Policy Update 101** |

**SUMMARY:**

**We have Policy Update 101 for a first look this month. It is attached for your review.**

**Respectfully submitted,**



**Dr. James M. Largent**
**Superintendent**

GRANBURY ISD
TECHNOLOGY DEPARTMENT

| | |
|---|---|
| **TO**: Dr. James Largent, Superintendent | **FROM**: Amy Wood<br>**DATE**: December 8, 2014<br>**RE**: Course Catalog |

**SUMMARY:**

Courses for the 2015-2016 school year are outlined in the course catalogs presented in the board packet. There are four course catalogs included: Middle School, Freshman/Sophomore, Junior/Senior, and STARS. The 9-12 catalogs are split for changes in GPA and in Graduation requirements.

This catalog is a work in progress. As we determine need and change in regulations, the catalog will be updated on the GISD website.

A special thanks to Dawn Bradley's classes for designing our covers. Principals selected the winning covers from all of her classes. Credit to the students can be found on the second page of the catalog.

**RECOMMENDATION:**

It is our recommendation to continue to offer all courses outlined in PEIMS CO22 and adjust the course catalog as necessary.

Respectfully submitted,



Amy Wood
Director of Technology

# Granbury ISD Middle School

## Course Catalog for Grades 6 - 8

**2015 - 2016**




Acton Middle School
1300 James Road
Granbury, Texas 76049
817-408-4800
http://granburyisd.org

Granbury Middle School
2000 Crossland Road
Granbury, Texas 76048
817-408-4850
http://granburyisd.org

# Our Vision



## GISD Mission

Our mission, in collaboration with unique partnerships, is to provide a rigorous academic curriculum along with enriching and individualized opportunities empowering every student to compete in an ever-changing world.

*Cover designed by Jordan Dyer, GHS Class of 2016.*

# Granbury ISD

## 2015-2016

# Middle School Course Catalog

*Acton Middle School and Granbury Middle School Students,*

*We are very pleased to present this Pirate Course Catalog. Please use it as a guide for designing a successful academic path at Acton Middle School and Granbury Middle School. As you choose your classes, consider your future very purposefully. Do you plan to enter college, a technical school, serve in the armed forces, or move directly into a chosen career upon your graduation from GHS? You will need to be enrolled in the courses our state has mandated, and choose electives that will lead you to your future goals.*

*We look forward to the coming school year and want it to be a positive building block in your future. We are joining with your parent/guardian to form a partnership promoting your educational success. We encourage you to become and remain an active member of our campus life. Consider joining one of our many clubs and organizations. We are committed to excellence and your academic success now and in the future!*

**Jimmy Dawson**
Principal
Acton Middle School

**Pat Yelverton**
Principal
Granbury Middle School

# Grade Level Information

As students progress through Middle School, they begin to plan for their future. Students in the 6th grade begin to find their interests, strengths, and weaknesses. These will develop through course selections, speakers and presenters, programs, and all students will be given the ACT Engage test.

## 6th Grade Course Descriptions *(pages 5-6)*

In the 7th grade, students can use the information gained in 6th grade and either continue along the path they have chosen or select a different elective in which they are interested. Students in the 7th grade will continue to find and expand on their interests and strengths. Students in the 7th grade will be given the Redi-Step test to help them with this process. School sponsored extracurricular activities will begin in full force in the 7th grade. Students in the 7th grade will also begin their High School Graduation Plan. This plan will be revisited every year until the student graduates.

## 7th Grade Course Descriptions *(pages 7-9)*

In the 8th grade, students begin implementing the Graduation Plan developed in the 7th grade. Course selections in the 8th grade are important because the student's high school journey begins. As students begin to select courses in the 8th grade, they need to be looking at the Foundation Graduation requirements, Endorsement areas of interest, how to receive an Associate's Degree when the graduate from high school, and begin to understand the rank process for grades 9-12. A planning sheet is attached for parent/student use.

## Additional 8th Grade Information and Course Descriptions *(pages 10-18)*

# 6th Grade Courses

## REQUIRED COURSES

***All required courses are College Readiness Courses. These courses are focused on a high rigor to successfully prepare all students the opportunity for post-secondary education. Providing college readiness courses will better prepare students to take dual-credit and/or AP courses in high school. Dual credit & AP courses allow students the opportunity to earn college credit during their high school years.***

### 6TH GRADE ELA

This course is designed to build upon prior knowledge from previous grades in the areas of reading, written language, research, and oral language. Students will be reading and writing on a daily basis and be exposed to various types of literature. Students will take a state mandated (STAAR) reading based assessment toward the end of the year.

### 6TH GRADE MATH

In addition to strengthening prior learning in math, the primary focal points of Grade 6 math are using ratios to describe direct proportional relationships involving number, geometry, measurement, probability, and adding and subtracting decimals and fractions. Students will take a state mandated (STAAR) math assessment toward the end of the year.

### 6TH GRADE SCIENCE

The content in the 6th grade science course is heavily weighted on physical science. Students will be involved with investigations and field experiences at least 40% of the time. Some of the content in this course will appear on a state mandated assessment (STAAR) at the end of the 8th grade course.

### 6TH GRADE SOCIAL STUDIES

In Grade 6, students study people, places, and societies of the contemporary world. The course also enables students to understand the importance of patriotism, function in a free enterprise society, and appreciate the basic democratic values of our state and nation.

### 6th GRADE FITNESS AND WELLNESS

Boys and girls will be divided into separate classes.
Classes meet every day and each student is expected to change into shorts, shirt, shoes, and socks every day. Students are expected to strive for 100% participation. Each student needs to set a fitness goal for the year. The students will be tested on the one-mile run in the fall and again in the spring. Various sports will be covered throughout the year. Education for life wellness will be incorporated for students.

### 6th GRADE TECHNOLOGY APPLICATIONS

Students make informed decisions by understanding current and emerging technologies, including technology systems, appropriate digital tools, and personal learning networks. As competent researchers and responsible digital citizens, students use creative and computational thinking to solve problems and communicate ideas while developing career and college readiness skills.

## ELECTIVE COURSES

### BEGINNER CHOIR
Students learn how to sing, how to read music, and how to perform. Students will do a fall and winter concert, have an opportunity to compete at a Solo and Ensemble Contest, sing as a group in a contest, and perform a spring program. Learning is stressed within the framework of being part of a team.

### BEGINNER BAND
Beginning Band is open to any student in the 6th grade regardless of musical background or experience. The beginning band classes provide instruction on basic music theory as well as the fundamentals of how to play the following instruments: flute, oboe, clarinet, bassoon, saxophone, trumpet, trombone, baritone, tuba, and percussion. Students will have an opportunity to tryout the different instruments in the spring of their 5th grade year or when school begins in the fall. Once an instrument is chosen for that individual student it is their responsibility to furnish that instrument. Schools will provide some of the more expensive instruments (tuba, baritone, bassoon, oboe) for a one-time fee at the beginning of each year.

### ART
This course is designed to provide an appreciation for art and to emphasize techniques in problem solving, and creative thinking through development of the following skills:
Perception- activities that help students illustrate themes through direct observation, personal experience using the elements and principles of art.
Creative Expression- activities illustrating original artwork using a variety of media: pencil, printmaking, paint, sculpture, ceramics, fiber-art, photographic, imaginary, and electronic media-generated art.
Historical/Cultural Heritage- activities that expose students to art from different historical eras and cultural influences.
Response/Evaluation- comparing and analyzing artworks of others and self through group and individual critiques and shows.

## PREPLACEMENT COURSES

### ESL (ENGLISH AS A SECOND LANGUAGE)
The four language skills: listening, speaking, reading, and writing are offered in a developmental sequence. The course is designed to consider students' cultural backgrounds and incorporate those with instruction. In order to qualify for this class, a committee decision must be made on the basis of language survey testing. The committee also decides exit from this program after testing shows mastery of basic English skills.

### ACADEMIC INTERVENTION LAB
In this course, students will receive necessary math and reading intervention to meeting their individual needs to ensure success in the classroom and on mandatory assessment.

# 7th Grade Courses

## REQUIRED COURSES

***All required courses are College Readiness Courses. These courses are focused on a high rigor to successfully prepare all students the opportunity for post-secondary education. Providing college readiness courses will better prepare students to take dual-credit and/or AP courses in high school. Dual credit & AP courses allow students the opportunity to earn college credit during their high school years.***

### 7TH GRADE ELA

This course is designed to build upon prior knowledge from previous grades in the areas of reading, written language, research, and oral language. Students will be reading and writing on a daily basis and be exposed to various types of literature. Students will take a state mandated (STAAR) reading and writing based assessment toward the end of the year as well as a written language state mandated assessment early in the spring.

### 7TH GRADE MATH

In addition to strengthening prior learning in math, the primary focal points at Grade 7 are using direct proportional relationships in number, geometry, measurement, and probability; applying addition, subtraction, multiplication, and division of decimals, fractions, and integers; and using statistical measures to describe data. Students will take a state mandated (STAAR) math assessment toward the end of the year.

### 7TH GRADE SCIENCE

The content in the 7th grade science course is heavily weighted on physical organisms and the environment. Students will be involved with investigations and field experiences at least 40% of the time. Some of the content in this course will appear on a state mandated assessment (STAAR) at the end of the 8th grade course.

### 7TH GRADE SOCIAL STUDIES

In Grade 7, students study the history of Texas from early times to the present. The course also enables students to understand the importance of patriotism, function in a free enterprise society, and appreciate the basic democratic values of our state and nation.

## ATHLETIC/PE ELECTIVES

### BOYS' ATHLETICS OR GIRLS' ATHLETICS

The athletic program offers three sports for young men – football, basketball, and track. Three sports are offered for young ladies – volleyball, basketball, and track. The young men and ladies who choose to take athletics should be competitive, disciplined, responsible, and dependable. Too, they must make passing grades in order to participate. In order to participate in athletics a student is required by law to have a physical on file before the student can work out. Parents are expected to provide transportation to/from before or after school practices.

### FITNESS AND WELLNESS

Boys and girls will be divided into separate classes. Classes meet every day and each student is expected to change into shorts, shirt, shoes, and socks every day. Students are expected to strive for 100% participation. Each student will be asked to set a fitness goal for the year. Various sports will be covered throughout the year. Education for life wellness will be incorporated for students.

## FINE ARTS ELECTIVES

### CHOIR
Seventh grade choirs are divided into boys' choir and girls' choir, but opportunity is made to sing in a mixed choir. We continue the study of how to sing correctly, how to read music, and how to perform, and a higher level of excellence is expected of the seventh grade choir. We do a fall concert, audition for All-Region Choir, sing a Christmas concert, participate in Solo and Ensemble Contest, sing for Concert and Sight-Reading Contest, and perform a spring program. There are some outside rehearsals, but only a few, and all of the programs are outside the school day.

### BAND
Students enrolled in band will be placed into sections according to instrument and ability. Band placement will be based on results from auditions held in May. An emphasis is placed on rhythmic accuracy and note reading as well as tone production and technique for each instrument. Students with no prior band experience will be placed in a beginner band section.

All bands will perform in a Holiday and Spring Concert as well as have an end of the year band trip. In addition, members of the band will perform at various football games and participate in the UIL Concert and Sight Reading Contest.

### THEATER ARTS
This course appeals to students seeking experience in theatrical performance and group participation in goal-related activities. The seventh grade program is an introduction to theater. Students will recognize and begin to develop the many skills needed for an apprentice performer.
This course might include:

1. Movement and dance
2. Pantomime and Improvisation
3. Vocal production
4. Theatre History
5. Technical theatre design
6. Analysis of dramatic literature
7. Playwriting

### ART
This course is designed to provide an appreciation for art and to emphasize techniques in problem solving and creative thinking. The major emphasis of the art program is individual development.
This course might include: drawing skills, sculpture, painting, print art, scratch art, graphic design, and study of the elements of art.

## ADDITIONAL ELECTIVES

### CAREER EXPLORATION
Students will use decision-making and problem-solving skills for college and career planning. Students will explore valid, reliable educational and career information to learn more about themselves and their interests and abilities with interest inventory software and other tools. Students integrate skills from academic subjects, information technology, and interpersonal communication to make informed decisions. Students will use this information to explore educational requirements for a variety of chosen career paths.

**PRINCIPLES OF EMERGING TECHNOLOGY**
Students use creative thinking and innovative processes, collaborate in personal learning networks and communicate both locally and globally to develop digital products that reflect solutions to real-world problems and incorporate developing technology skills. Students will research and evaluate emerging technology resources while adhering to the highest standards of digital citizenship and preparing for success in their careers and college choices.

**TEEN LEADERSHIP**
This course builds personal responsibility and leadership skills through role plays, group activities, speeches, and projects. This course teaches students to take responsibility, express themselves, and handle problems and decisions when they arise.

Through the Teen Leadership curriculum, students will:

- Develop a healthy self-concept, healthy relationships, and a sense of personal responsibility
- Understand Emotional Intelligence and the skills it measures, including self-awareness, self-control, self-motivation, and social skills
- Build skills in public speaking and communication as well as an understanding of personal image
- Develop an understanding of principle-based decision-making and learn to make responsible personal and financial decisions
- Recognize and resist peer pressure
- Learn to become better family members and citizens
- Appreciate the need for vision in goal-setting, personally and professionally

## PRE-PLACEMENT CLASSES

**ESL (ENGLISH AS A SECOND LANGUAGE)**
The four language skills: listening, speaking, reading, and writing are offered in a developmental sequence. The course is designed to consider students' cultural backgrounds and incorporate those with instruction. In order to qualify for this class, a committee decision must be made on the basis of language survey testing. Exit from this program is also decided by the committee after testing shows a mastery of basic English skills.

**ACADEMIC INTERVENTION LAB**
In this course, students will receive necessary math and reading intervention to meeting their individual needs to ensure success in the classroom and on mandatory assessment.

# Graduation Requirements

## The Foundation High School Program + Endorsement

The following requirements apply to students first entering the 9th grade in the fall of 2014 and thereafter.

### FOUNDATION HIGH SCHOOL PROGRAM (FHSP)

*The 22-Credit Foundation is Required for All Endorsements*

**ENGLISH……..……..4**
Must consist of English I, 2, 3 (ESOL 1 and 2 may be substituted appropriately), and an additional/advanced English course.

**MATHEMATICS……..……..3**
Must include Algebra 1, Geometry, and an additional/advanced math course beyond Algebra 1

**SCIENCE……..……..3**
Must include one Biology credit, one credit selected from IPC, Chemistry, or Physics; and one additional/advanced science course

**SOCIAL STUDIES……..……..3**
Must include US History, one-half credit Government, one-half credit Economics, and World History **or** World Geography

**OTHER LANGUAGES……..……...2**
Must consist of 2 levels in the same language

**FINE ARTS……..…1**
Choir, Band, Dance, Art, Theatre Arts, Principles & Elements of Floral Design

**PHYSICAL EDUCATION……..1**
May include Athletics or PE (up to 4 credits), Drill Team 1, JROTC 1, Cheerleading, the fall semesters of Marching Band

**ELECTIVES……..5**

**FHSP SUBTOTAL CREDITS……..….22**

**ADDITIONAL REQUIREMENTS FOR ENDORSEMENTS**

**MATHEMATICS……1**

**SCIENCE……...1**

**ENDORSEMENT-SPECIFIC ELECTIVES……..…2**
Electives must be chosen from one of the endorsement areas of STEM, Business and Industry, Arts and Humanities, Public Services, or Multidisciplinary Studies

**TOTAL CREDITS: FHSP + ENDORSEMENT……...26**
College Board Advanced Placement and Dual Credit courses may be substituted in appropriate areas for both Foundation and Endorsement credits.

**STATE ASSESSMENT PERFORMANCE**
In addition to the credit requirements as listed above, students must meet passing standards on the following End-of-Course Exams:

- English I;
- English II;
- Algebra I;
- Biology;
- United States History

### ENDORSEMENTS

All students are required to declare an endorsement in writing. Students will be permitted to change their endorsement with written notification.

There are five endorsement options, which allow students flexibility based on individual interests and career goals. Each endorsement category is designed to prepare students to successfully enter postsecondary education or the workforce upon graduation from high school.

The endorsement and the career areas to which they correspond are as listed below:

- **STEM** – Science, including Computer Science; Technology; Engineering and Mathematics;
- **PUBLIC SERVICES** – Education and Training; Government and Public Administration; Health Science; Human Services; and Law, Public Safety, Corrections and Security;
- **BUSINESS AND INDUSTRY** – Agriculture, Food, and Natural Resources; Architecture and Construction; Business Management and Administration; Finance; Hospitality and Tourism; Information Technology; Manufacturing; Marketing; Transportation; and Journalism, including broadcast journalism, newspaper, and public speaking;
- **ARTS AND HUMANITIES** – Fine Arts; Economics with Emphasis on Free Enterprise; English Language Arts; and Languages Other than English;
- **MULTIDISCIPLINARY STUDIES** – Allows students to take courses in several endorsement areas as listed

### RECOGNITIONS

Students have the opportunity to earn additional recognitions in the following areas.

**DISTINGUISHED LEVEL OF ACHIEVEMENT**

A student may earn a distinguished level of achievement by successfully completing all curriculum requirements for the Foundation High School Program, plus

- A fourth credit in mathematics, which must include Algebra II;
- A fourth credit in science;
- The requirements of at least one endorsement
- A student must graduate with a Distinguished Level of Achievement to be eligible for automatic admission to a Texas public college or university.

**PERFORMANCE ACKNOWLEDGEMENTS**

A student may earn a performance acknowledgement in one or more of the following categories:

- AP test score of 3 or higher ***or*** Outstanding performance on the PSAT(Commended or higher) ***or*** ASPIRE (college ready on at least 2 of 4 subject tests) ***or*** the SAT (1250) **or** the ACT (28);
- 12 hours of college credit College Grade of 3.0 or above) ***or*** Associate's Degree
- Bilingualism and biliteracy; and
- Earning a nationally or internationally recognized business or industry certification or license

# Endorsement Options

## STEM

**STEM (Science Technology Engineering Math) requires the completion of Algebra 2, Chemistry, and Physics**

***Mathematics:*** (Choose 2)
Pre-Calculus, AP Statistics, Engineering Mathematics, AP Calculus, DC Math (2 courses), Advanced Quantitative Reasoning

***Science:*** (Choose 3)
AP Physics 1, AP Physics 2, AP Biology, DC Science (2 courses), Anatomy and Physiology, Forensics, Aviation, AP Chemistry, AP Environmental, Aquatics, Environmental, Advanced Animal Science, Principles of Engineering

***Engineering:***
*Choose 2*:
Intro to Engineering Design
Principles of Engineering
*Choose 1*:
Civil Engineering and Architecture
Engineering Design and Development
*Plus one additional CTE Credit*

## ARTS AND HUMANITIES

**Arts and Humanities requires the completion of one additional mathematics course and one additional science course**

***Social Studies***: *Choose 5* credits (3 are part of FHSP)
World Geography, World History (includes AP), US History (includes AP and DC), US Government (includes AP and DC), Economics (includes AP), AP European History, Psychology, Sociology

***English:*** *Choose 4* credits
English IV (includes AP and DC), Creative Writing, Humanities, Communication Applications (1/2 credit), AP English Literature and Composition, Literary Genres

***Languages Other than English:***
*Choose 4* levels of the same language or 2 levels from 2 different languages:
- Spanish
- French
- ASL

***Dance***: Four levels of Dance

***Music***: Four levels of Music, Band, or Choir

***Theatre Arts:*** Four levels of Theatre Arts, Technical Theatre, or Theatre Production

***Art:***
Art 1 *and*
*Choose 1:*
- Art 2 Drawing
- Art 2 Painting
- Art 2 Print Design
- Art 2 Ceramics
- Art 2 Sculpture

*Choose 1:*
- Art 3 Advanced Print Design
- Pre-AP Art 3 Portfolio
- AP Art 3 Drawing
- Art 3 Photography

*Choose 1*:
- Art 4 Advanced Photography
- AP Art 4 Two-Dimensional Design

## PUBLIC SERVICES

**Public Services requires the completion of one additional mathematics course and one additional science course**

***Health Science***:
*Choose 2 credits*:
- Principles of Health Science
- Medical Terminology
- Health Science 1

*Choose 1 advanced credit*:
- Practicum in Health Science (EMT or Pharm Tech)
- Anatomy and Physiology

*Plus one additional CTE Credit*

***Education and Training***
*Choose 2 credits*:
- Child Development
- Interpersonal Studies
- Instructional Practices in Education and Training

*Choose 1 advanced credit*:
- Human Growth and Development
- Practicum in Education and Training

*Plus one additional CTE Credit*

***Law Public Safety, Corrections, and Securities:***:
*Choose 2 credits*:
- Principles of Law, Public Safety, Corrections, and Securities
- Law Enforcement I

*Choose 1 advanced credit*:
- Law Enforcement II
- Forensic Science
- Forensic Psychology

*Plus one additional CTE Credit*

***JROTC***
Four courses in JROTC

## MULTIDISCIPLINARY STUDIES

**Multidisciplinary Studies requires the of completion one additional mathematics course and one additional science course**

***4 Advanced Courses:***
*Choose 4* Advanced Courses from
- AP Courses
- DC Courses
- Other Advanced Courses not in a coherent sequence

***4 Advanced Placement or Dual Credit Courses:***
*Choose 4* AP/DC Courses from:
- One AP/DC English Course
- One AP/DC Math Course
- One AP/DC Social Studies Course
- One AP/DC Science Course
- One AP/DC Languages other than English
- One AP/DC Fine Arts

***4 Credits in Foundation Areas:***
*Choose 4* Advanced Courses from
- English 4
- Chemistry
- Physics
- Additional Math
- Additional Social Studies

# Endorsement Options

## BUSINESS AND INDUSTRY

**Business and Industry requires the completion of one additional mathematics course and one additional science course**

***Agriculture, Food and Natural Resources***:

*Choose 2* credits from:
- Principles of Ag, Food, and Natural Resources
- Livestock Production
- Small Animal Management
- Ag Mechanics and Metal Tech
- Equine Science
- Wildlife, Fisheries, and Ecology Management
- Principles and Elements of Floral Design

*Choose 1* credit from:
- Veterinary Medical Applications
- Advanced Animal Science
- Agricultural Facilities Design and Fabrication
- Practicum in Ag, Food, and Natural Resources

*Plus one additional CTE credit*

***Arts A/V Technology:***

*Choose 2* credits from:
- Principles of Arts and A/V
- Animation+
- Audio Video Production
- Graphic Design and Illustration
- Commercial Photography
- Professional Communications

*Choose 2* credits from:
- Advanced Graphic Design and Illustration
- Advanced A/V Production
- Practicum in A/V Production
- Practicum in Graphic Design and Illustration

***Business Management and Administration:***

*Choose 2* credits from:
- Principles of Business, Marketing, and Finance
- Banking and Financial Services
- Accounting 1
- BIM

*Choose 1* advanced credit from:
- Global Business
- Virtual Business
- Web Technologies
- Accounting II

*Plus one additional CTE credit*

***Marketing:***

*Choose 2* credits from:
- Advertising and Sales Promo
- Entrepreneurship
- Sports and Entertainment Marketing

*Choose 1* advanced credit from:
- Marketing Dynamics

*Plus one additional CTE credit*

## BUSINESS AND INDUSTRY *cont.*

**Business and Industry requires the completion of one additional mathematics course and one additional science course**

***Information Technology***:

*Choose 1 ½* credits from:
- Principles of Information Technology
- Computer Maintenance
- Computer Programming

*Choose 2* advanced credits from:
- Computer Technician
- Advanced Computer Programming

*Plus ½ additional CTE credit*

***Hospitality and Tourism***:

*Choose 2* ***credits*** from:
- Principles of Hospitality and Tourism
- Restaurant Management
- Travel and Tourism
- Lifetime Nutrition and Wellness

*Choose 1* advanced ***credit*** from:
- Culinary Arts

*Plus one additional CTE credit*

***Transportation, Distribution, and Logistics***:

*Choose 2* credits from:
- Principles of Trans, Distribution, and Logistics
- Automotive Technology

*Choose 1 advanced* credit from:
- Advanced Automotive Technology
- Collision Repair and Refinish

*Plus one additional CTE credit*

***Advanced Journalism/Yearbook:***

*Choose 3* courses from:
- Journalism/Yearbook 1
- Journalism/Yearbook 2
- Journalism/Yearbook 3

*Choose 1* additional English Course

***Public Speaking:***

*Choose 3* courses from:
- Debate 1
- Debate 2
- Debate 3

*Choose 1* additional English Course

# Associate's Degree Concurrent with High School Diploma

***Requirements for Completing Concurrent Associate's Degree with High School Diploma:***

- WC offers GISD students AA, AS, and an AAS Degrees*
- Must complete the Core requirements
- Must have college sixty hours, only 29 college hours can be completed at GHS
- Must complete High School Graduation Requirements
- Must be advised by GISD counselor AND a Weatherford College Advisor
- Should have a degree plan from a Weatherford College Advisor

***Additional Information for Success***

- Must collaborate explicitly with GHS counselor and Weatherford College academic advisor
- Would need to take English 1 and Algebra 1 in Grade 8
- Must meet "Exceptional Student" requirement to start college work in Grade 10
- Limited to 29 Dual Credit Hours at GHS by SACS rule
- After 29 Credit hours at GHS, must complete other hours at Weatherford College
- Weatherford College Math 2412/2413/2414/2415 and Weatherford College Phys 2425/2426 can be 4th year advanced math/science credit
- Weatherford College classes can be taken at Granbury Education Center or Weatherford College in Weatherford
- Weatherford College classes can be taken during regular semesters, Summer I and/or Summer II

**Associate's Degree/Education**
**Concurrent with HS Diploma**
*(Sample Plan)*

Grade 10
- DC Eng 1301/1302
- TECA 1354/1303
- WC Speech1315
- WC Kine 1238

Grade 11
- DC Eng 2311/2331
- DC US Hist 1301/1302
- DC Math 1314
- WC Drama 1310
- WC Educ 1301/2301
- WC Biol 1406

Grade 12
- DC Govt 2305/2306
- WC Math 1350/1351
- WC Phys 1415/1417
- WC Econ 2301
- WC Geog 1301

*This is an example of an Associate's Degree through Weatherford College/GHS partnership. This fully transfers to Tarleton toward a degree in education and a teaching certification.*

**Associate's Degree/Engineering**
**Concurrent with HS Diploma**
*(Sample Plan)*

Grade 10
- DC Eng 1301/1302
- WC Speech1315
- WC Psyc 2314

Grade 11
- DC Eng 2311/2331
- DC US Hist 1301/1302
- WC Drama 1310
- WC Psyc 2301
- WC Math 2412/2413
- WC Chem 1411/1412

Grade 12
- WC Math 2414/2415
- DC Govt 2305/2306
- WC Phys 2425/2426
- WC Kine 1230/1164

*This is an example of an Associate's Degree through Weatherford College/GHS partnership. College credit for Introduction to Engineering Design and Principles of Engineering is awarded by the University of North Texas.*

# Class Rank and GPA

The Granbury ISD Board of Trustees adopted local policies affecting student grade point averages and class rank during a special board meeting on August 11, 2014.

These changes were developed in consultation with teachers, parents, and students with the following objectives:

- Incentivize the collection of endorsements rather than the collection of GPA points
- Incentivize "fidelity to a program," which, in the eyes of post-secondary recruiters, is one of the highest indicators of collegiate success
- Create a level baseline for which all students may have an equal opportunity to gain highest academic honors
- Appropriately reward students who continue to pursue the highest rigor academic core courses
- Provide students with a GPA that is more reasonably aligned with the state and with what colleges and universities expect

The full policy EIC (LOCAL) is available on the district website at www.granburyisd.org/policy.

***Students Graduating Beginning in 2018***

Eligible AP, Pre-AP, dual credit, and practicum/internship level CTE courses designated in the student handbook shall be categorized as Advanced Academic Courses, which shall receive advanced credit based on the number of academic credits.

The District shall determine an unweighted GPA for each student using grades from eligible courses. Upon completion of eight advanced credits, the student shall have a 1.1 multiplier applied to his or her cumulative GPA.

Upon the completion of grade 12, a student who has earned 16 advanced credits shall have a 1.1 multiplier applied to his or her cumulative GPA. A student who had not completed 16 advanced credits shall have his or her GPA reverted back to unweighted status.

Each student who participates in and completes four years of an eligible course and related extracurricular activity, as applicable, during high school shall be awarded a fidelity point. A student may substitute a fidelity point for up to two advanced courses. The list of eligible courses shall be designated in administrative regulations.

A full list of Advanced Academic Courses is available on the next page.

# Advanced Academic Credit Course Information

**ADVANCED ACADEMIC CREDITS AVAILABLE TO GRADE 9**

Pre -AP English 2
Pre-AP Geometry
Pre-AP World Geography
Pre-AP Biology

**ADVANCED ACADEMIC CREDITS AVAILABLE TO GRADE 11**

AP English 3
AP English 4
DC English 3
DC English 4
Pre- AP Algebra 2
Pre-AP Pre-Calculus
AP US History
AP European History
DC US History
AP Physics 1
AP Chemistry
AP Biology
DC Zoo/Botany
Forensics
Pre-AP Spanish 3
Pre-AP French 3
AP Spanish 4
American Sign Language 3
Pre-AP Art 3 Draw

**EXAMPLES OF CTE ADVANCED ACADEMIC CREDITS**

***AG:***
- DC Advanced Animal Science
- Practicum in Ag
- Practicum in Welding

***Arts/AV:***
- Animation/ Advanced Graphics
- Practicum in AV
- Advanced AV Production/Practicum

***Education:***
- Practicum in Education

***Health Science***:
- Health Science
- Anatomy and Physiology
- Practicum (EMT or Pharmacy Tech)

***Information Technology***:
- Computer Technician
- Advanced Computer Programming

***Law:***
- Forensics
- Law Enforcement 2

***STEM:***
- Intro to Engineering Design
- Principles of Engineering
- Civil Engineering
- Engineering Design/Development

**ADVANCED ACADEMIC CREDITS AVAILABLE TO GRADE 10**

Pre-AP English 2
AP English 3
DC English 3
Pre-AP Geometry
Pre-AP Algebra 2
AP World History
Pre-AP Chemistry
Pre-AP Spanish 3
Pre-AP Art 3 Draw

**ADVANCED ACADEMIC CREDITS AVAILABLE TO GRADE 12**

AP English 4
DC English 4
Pre-AP Pre-Calculus
AP Calculus
AP Statistics
DC Math/College Algebra
AP Government/AP Economics
DC Government /AP Economics
DC Government /DC Government
AP European History
AP Physics 1
AP Physics 2
AP Chemistry
AP Biology
DC Zoo/Botany
Forensics
AP Environmental Science
AP Spanish 4
AP Spanish 5
AP French 4
AP Art
AP Music Theory

**FIDELITY POINTS**

Additional Advanced Credits/Fidelity Points allowed for a comprehensive, competitive extracurricular activity tied to a class (Athletics, Band, Dance, Cheer, Choir, etc.).

# 8th Grade Courses

## REQUIRED COURSES

***All required courses are College Readiness Courses. These courses are focused on a high rigor to successfully prepare all students the opportunity for post-secondary education. Providing college readiness courses will better prepare students to take dual-credit and/or AP courses in high school. Dual credit & AP courses allow students the opportunity to earn college credit during their high school years.***

### 8TH GRADE ELA

This course is designed to build upon prior knowledge from previous grades in the areas of reading, written language, research, and oral language. Students will be reading and writing on a daily basis and be exposed to various types of literature. Students will take a state mandated (STAAR) reading based assessment toward the end of the year.

### ENGLISH I (HS CREDIT)

Only students that have strong reading and writing skills should take this course during the 8th grade year. This course is designed to build upon prior knowledge from previous grades in the areas of reading, written language, research, and oral language. Students will be reading and writing on a daily basis and be exposed to various types of literature. Students will take an end of course (STAAR EOC) toward the end of the course. This assessment is high stakes and contributes to graduation requirements as mandated by the state of Texas.

### 8TH GRADE MATH

In addition to strengthening prior learning in math, the primary focal points at Grade 8 are using basic principles of algebra to analyze and represent both proportional and non-proportional linear relationships and using probability to describe data and make predictions. Students will take a state mandated (STAAR) math assessment toward the end of the year.

### ALGEBRA I (HS CREDIT)

Only students that have strong math skills should take the Algebra I course earlier than 9th grade. This course is the foundation course for all high school mathematics. Students will learn symbolic reasoning, the role of functions, relationships between equations and functions, tools for algebraic thinking while and apply these concepts in problem solving in real world applications. Students will take a state mandated end of course (STAAR EOC) assessment late in the spring that is high stakes and contributes toward graduation requirements as mandated by the state of Texas.

### 8TH GRADE SCIENCE

The content in the 8th grade science course is heavily weighted on earth and space science. Students will be involved with investigations and field experiences at least 40% of the time. In addition to some content in the 6th and 7th grades course, the content in this course will appear on a state mandated assessment (STAAR) toward the end of the year.

### 8TH GRADE SOCIAL STUDIES

In Grade 8, students study the history of the United States from the early colonial period through Reconstruction. The course also enables students to understand the importance of patriotism, function in a free enterprise society, and appreciate the basic democratic values of our state and nation. Students will also be taking a state mandated assessment (STAAR) toward the end of the year for this course.

## ATHLETICS/PE ELECTIVES

### BOYS' ATHLETICS OR GIRLS' ATHLETICS (HS CREDIT)

The athletic program offers three sports for young men - football, basketball and track. Three sports are offered for young ladies - volleyball, basketball, and track. The young men and ladies who choose to take athletics rather than Physical Education should be competitive, disciplined, responsible, and dependable. Too, they must make passing grades in order to participate. In order to participate in athletics a student is required by law to have a physical on file before the student can work out. Parents are expected to provide transportation to before or after school practices.

### FITNESS AND WELLNESS (HS CREDIT)

Boys and girls will be divided into separate classes.
Classes meet every day and each student is expected to change into shorts, shirt, shoes, and socks every day. Students are expected to strive for 100% participation. Each student needs to set a fitness goal for the year. The students will be tested on the one-mile run in the fall and again in the spring. Various sports will be covered throughout the year. Education for life wellness will be incorporated for students.

### DANCE MOVEMENT (HS CREDIT)

This class is designed to teach students the basic technique and skills in Hip Hop, Lyrical, Jazz, Modern and Choreography. In each dance form studied, students will learn dance routines and create various dance choreography in group assignments. Students are introduced to basic dance vocabulary, technique and history of the various dance forms taught in this class. This is not a performance class but a performance opportunity may be available in the Spring Semester. Students are required to purchase a dance t shirt for $15.

## FINE ARTSELECTIVES

### BAND (HS CREDIT)

Students enrolled in band will be placed into sections according to instrument and ability. Band placement will be based on results from auditions held in May. An emphasis is placed on rhythmic accuracy and note reading as well as tone production and technique for each instrument. Students with no prior band experience will be placed in a beginner band section.

All bands will perform in a Holiday and Spring Concert as well as have an end of the year band trip. In addition, members of the band will perform at various football games and participate in the UIL Concert and Sight Reading Contest.

### CHOIR (HS CREDIT)

Eighth grade choirs are divided into boys' choir and girls' choir, but opportunity is made to sing in a mixed choir. We continue the study of how to sing correctly, how to read music, and how to perform, and a higher level of excellence is expected of the eighth grade choir. We do a fall concert, audition for All-Region Choir, sing a Christmas concert, participate in Solo and Ensemble Contest, sing for Concert and Sight-Reading Contest, and perform a spring program. There are some outside rehearsals, but only a few, and all the programs are outside the school day. Eighth grade students are given many opportunities to perform in the community, and are encouraged to do independent singing.

### THEATER ARTS 1 (HS CREDIT)

This course serves as an introduction to Theatre and further explorations of the skills needed for the theatre.

1. Perceptions – activities and exercises in developing characters based upon perceptions of others.
2. Creative expression and performance through movement, improvisation, original play production, and play production.
3. Historical/cultural heritage – study of timeline and progression of theatre over time.
4. Critical evaluation – Analyze and evaluate any kind of performance.

**ART 1 (HS CREDIT)**
This course is designed to provide an appreciation for art and to emphasize techniques in problem solving and creative thinking. The major emphasis of the art program is individual development.
The art department participates in UIL competitions in the spring.

## FOREIGN LANGUAGE ELECTIVES

**SPANISH I (HS CREDIT)**
Spanish I will be a yearlong study in which reading, writing, and listening and speaking will be reinforced with daily practice. Students will acquire an understanding of basic grammatical structures. You must have passed the English portion of the TAKS test and have a recommendation from your language arts teacher to take this class. Successful completion of this class will take the place of Spanish I in high school.

## ADDITIONAL ELECTIVES

**GATEWAY TO TECHNOLOGY (HS CREDIT)**
Gateway to Technology (GTT) is an activity-oriented program designed to challenge and engage the natural curiosity of middle school students. The program is taught in conjunction with a rigorous academic curriculum.

**Design and Modeling** introduces students to the design process. Using design briefs, students create models and documentation to solve problems.
**The Magic of Electrons** gives students the opportunity to explore the science of electricity, the movement of atoms, circuit design, and sensing devices.
**The Science of Technology** teaches students about the mechanics of motion, the conversion of energy, and energy transfer.
**Automation and Robotics** explores the history and development of automation and robotics while teaching students about structures, energy transfer, machine automation, and computer control systems.
**Energy and the Environment** investigates the importance of energy in our lives and the impact energy use has on the environment.
**Flight and Space** studies the history of aerospace through hands-on activities, research and various projects that allow students to apply what they have learned.
For the latest news about members of PLTW's Innovation Generation, visit the PLTW website, www.pltw.org.

## PRE-PLACEMENT CLASSES

**ESL (ENGLISH AS A SECOND LANGUAGE)**
The four language skills: listening, speaking, reading, and writing are offered in a developmental sequence. The course is designed to consider students' cultural backgrounds and incorporate those with instruction. In order to qualify for this class, a committee decision must be made on the basis of language survey testing. The committee also decides exit from this program after testing shows mastery of basic English skills.

**AP SPANISH 4 (HS CREDIT)**
Intensive study of the Spanish language using a differentiated curriculum aimed at preparation for the Advanced Placement Exam.

**ACADEMIC INTERVENTION LAB**
In this course, students will receive necessary math and reading intervention for meeting their individual needs to ensure success in the classroom and on mandatory assessment.

# Planning Tool

Student Name:_____

Date:_____

## GISD Planning Tool

**Grad Yr. _____ Endorsement:_____**

***Algebra 2 is required for Distinguished Achievement and STEM***

| SUBJECT AREA | GRADE 8 | S 1 | S 2 | GRADE 9 | S 1 | S 2 | GRADE 10 | S 1 | S 2 | GRADE 11 | S 1 | S 2 | GRADE 12 | S 1 | S 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENGLISH—4 cr** | ___ English 1 | | | ___ English 1<br>___ Eng 2/PreAP | | | ___ English 2/PreAP<br>___ English 3/AP/DC<br>___ English 4/AP/DC<br>___Other | | | ___ English 3/AP/DC<br>___ English 4/AP/DC<br>___ DC Brit Lit/Tech Writing<br>___Creative Writing | | | ___ English 4 AP/DC<br>___ DC Brit Lit/Tech Writing<br>___Creative Writing<br>___Speech | | |
| **MATH—3 cr**<br>***Math Models must be taken prior to Algebra 2** | ___ Algebra 1 | | | ___ Algebra 1<br>___ Geom/PreAP | | | ___ Geom/PreAP<br>___ Algebra 2/PreAP<br>___ Other: | | | ___ Geometry<br>___ Math Models<br>___ Algebra 2/PreAP<br>___ Pre Cal/PreAP<br>___ DC Alg/DC Cont Math<br>___ Statistics<br>___ Algebraic Reasoning | | | ___ Geometry<br>___ Algebra 2<br>___ AQR<br>___ Pre Cal/PreAP<br>___ AP Cal<br>___ AP Stats<br>___ DC Alg/DC Cont Math<br>___ Statistics<br>___ Algebraic Reasoning<br>___ Engineering Math | | |
| **SCIENCE—3 cr**<br>***IPC must be taken prior to Chemistry and Physics for a Recommended Diploma.** | | | | ___ Biology/PreAP<br>___ IPC | | | ___ IPC<br>___ Biology/AP<br>___ Conceptual Physics<br>___ AP Physics 1<br>___ Chemistry/PreAP | | | ___ Conceptual Physics<br>___ AP Physics 1 or 2<br>___ Chemistry/PreAP<br>___ AP Chem<br>___ Other: | | | ___ Chemistry<br>___ Conceptual Physics<br>___ Anat & Phys<br>___ AP/DC Bio<br>___ AP Chemistry<br>___ AP Physics 1 or 2<br>___ Other: | | |
| **SOCIAL STUDIES 2½ cr + ½ cr for Economics** | | | | ___ World Geo/PreAP | | | ___ World Geo<br>___ World History/AP<br>___ US History/AP/DC | | | ___ US History/AP/DC<br>___ Other: | | | ___ US Gov/AP/DC<br>___ Economics/AP<br>___ Other: | | |
| **FOREIGN LANG 2 cr Rec/Found 3 cr DAP**<br>***Must be 2 years of the same language** | ___ Spanish 1<br>___ AP Spanish 4 | | | ___ Spanish 1 or 2<br>___ AP Spanish 5<br>___ French 1<br>___ ASL 1 | | | ___ Span 1, 2, or Pre AP3<br>___ AP Span 5<br>___ ASL 1 or 2<br>___ French 1 or 2 | | | ___ Span 1, 2, or PreAP3<br>___ AP Span 4 or 5<br>___ ASL 1, 2, or 3<br>___ French 1, 2, or PreAP3 | | | ___ Span 1, 2, or PreAP3<br>___ AP Span 4 or 5<br>___ ASL 1,2, or 3<br>___ French 1, 2, or PreAP 3<br>___ AP French 4 | | |
| **PE EQUIV 1 cr** | ___ Ath ___ PE | | | ___ PE or Equiv | | | ___ PE or Equiv | | | ___ PE or Equiv | | | ___ PE or Equiv | | |
| **FINE ARTS—1 cr** | ___ Band Choir<br>___ Art<br>___ Theatre Arts | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/Tech TH | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/Tech TH | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/Tech TH | | |
| **5 Endorsement** | ___ GTT | | | | | | | | | | | | | | |
| **ELECTIVES—** | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| **TOTAL CREDITS:** | | | | | | | | | | | | | | | |

# Granbury High School

## Course Catalog for Grades 9 - 10

## 2015 - 2016


Granbury High School
2000 West Pearl Street
Granbury, Texas 76048
817-408-4600
http://granburyisd.org

Crossland Ninth Grade Center
217 N. Jones Street
Granbury, Texas 76048
817-408-4700
http://granburyisd.org

# Our Vision

## GISD Mission

Our mission, in collaboration with unique partnerships, is to provide a rigorous academic curriculum along with enriching and individualized opportunities empowering every student to compete in an ever-changing world.

*Cover designed by Jordan Dyer, GHS Class of 2016.*

# 2015-2016

# Freshman and Sophomore Course Catalog

*Granbury High School and Crossland Ninth Grade Center Students,*

*We are very pleased to present this Pirate Course Catalog. Please use it as a guide for designing a successful academic path at Crossland Ninth Grade Center and Granbury High School. As you choose your classes, consider your future very purposefully. Do you plan to enter college, a technical school, serve in the armed forces, or move directly into a chosen career upon your graduation from GHS? You will need to be enrolled in the courses our state has mandated, and choose electives that will lead you to your future goals.*

*Granbury Independent School District is committed to guiding you in helping make your future goals a reality. We are extremely lucky to have the staff and the course offerings that will get you an endorsement in the area(s) of your choice: STEM (Science, Technology, Engineering, Math), Public Services, Business and Industry, Arts and Humanities, and Multidisciplinary Studies. You can read more about endorsements on page 3 of this publication.*

*As you chart your course for your future, take a close look at your Advanced Academic Credit (AAC) options. Keep in mind that you need sixteen AACs upon graduation for a 10% bonus on your cumulative grade-point-average. Numerous pathways can be taken over the course of your high school career in order to gather sixteen AACs! Go for it!*

*We look forward to the coming school year and want it to be a positive building block in your future. We are joining with your parent/guardian to form a partnership promoting your educational success. We encourage you to become and remain an active member of our campus life. Consider joining one of our many clubs and organizations. We are committed to excellence and your academic success now and in the future!*

**Ron Holmgreen**
Principal
Crossland Ninth Grade Center

**Jeremy Ross**
Principal
Granbury High School

***INCLUDES COURSES OFFERED AT BOTH CROSSLAND NINTH GRADE CENTER AND GRANBURY HIGH SCHOOL***

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# General Information

***Grade Classification:***
After the ninth grade, students are classified according to the number of credits earned toward graduation. Reclassifications are made at the beginning of each school year.

| Credits Earned | Grade Classification |
|---|---|
| 6 | 10th(Sophomore) |
| 12 | 11th(Junior) |
| 17 | 12th(Senior) |

***Class Load:***
All students ***must*** take a full class load each semester.

***Schedule Changes:***
Course selections made during pre-registration are considered ***final***. Any request for a change in course after spring pre-registration must be made in writing. Students may not drop or add a course after ***five class days***. The random changing of courses at the beginning of school will not be honored due to the effect these changes have on classroom enrollment and the disruption of classroom instruction.
***When a student selects a course, he/she is expected to complete it.***

NOTE: A course dropped after the change period may be recorded as an F.

***Dual Credit Courses:***
Students who are exempt or have passed one of the tests under the Texas Success Initiative (TSI) may register for concurrent college and high school credit in selected courses offered by cooperating colleges. The student is responsible for paying tuition, books and any fees, which are required by the college for credit and negotiated with Weatherford College. Dual credit courses will be offered pending arrangements with colleges for onsite instructors. Students can only earn 29 hours of college credit at GHS.
If you pre-register for a dual credit class, register to take the TSI test. You must take the test before you enroll in college courses ***unless you are exempt*** by your SAT or ACT scores.
The exemption policy is posted in all English classes and in the Counseling Office. See your Counselor if you have questions.
***You must provide proof of the scores or exemption by the GHS registration date in August or you will be removed from the dual credit classes.***
**It is the student's responsibility to contact the college(s) to find out which dual credit courses will transfer or the AP test score required to earn college credit.

***Testing Requirements:***
Students will be required to demonstrate success on the following End-of-Course exams to meet graduation requirements: Algebra 1, English 1, English 2, Biology, and United States History.

***Scheduling:***
Granbury ISD operates on a traditional 7-period schedule. Each semester is divided into three six-week grading periods. Progress reports are provided every three weeks, with report cards distributed at the end of each six-week period.

***Registration Information:***
- Counselors will schedule academic conferences with students and parents to ensure proper academic placement. These conferences will begin in January and end by spring break.
- Teachers/staff are hired, and the master schedule is set, including class sizes, according to student selections. Staffing needs are dependent upon the integrity of this process.
- Courses listed in the catalog are subject to student selection patterns and staffing availability and though offered, may not actually become a part of the schedule.

***Registration Instructions:***
1. **Choose an Endorsement.** Endorsement areas offer you a chance to guide your learning in the context of your personal career interests.
2. **Update your four-year plan** using your graduation plan.
3. **Choose the courses** necessary to complete your schedule for next year. Be sure to **choose three alternative** elective courses.
4. Be sure to have your **parent/guardian sign** your course selection sheet.
5. High school students who are concurrently enrolled at **Weatherford College** need to see their guidance counselor for academic advising.

# Graduation Requirements

## The Foundation High School Program + Endorsement

The following requirements apply to students first entering the 9th grade in the fall of 2014 and thereafter.

### FOUNDATION HIGH SCHOOL PROGRAM (FHSP)

*The 22-Credit Foundation is Required for All Endorsements*

**ENGLISH……..……..4**
Must consist of English I, 2, 3 (ESOL 1 and 2 may be substituted appropriately), and an additional/advanced English course.

**MATHEMATICS……..……..3**
Must include Algebra 1, Geometry, and an additional/advanced math course beyond Algebra 1

**SCIENCE……..……..3**
Must include one Biology credit, one credit selected from IPC, Chemistry, or Physics; and one additional/advanced science course

**SOCIAL STUDIES……..……..3**
Must include US History, one-half credit Government, one-half credit Economics, and World History **or** World Geography

**OTHER LANGUAGES……..……...2**
Must consist of 2 levels in the same language

**FINE ARTS……..…1**
Choir, Band, Dance, Art, Theatre Arts, Principles & Elements of Floral Design

**PHYSICAL EDUCATION……..1**
May include Athletics or PE (up to 4 credits), Drill Team 1, JROTC 1, Cheerleading, the fall semesters of Marching Band

**ELECTIVES……..5**

**FHSP SUBTOTAL CREDITS……..….22**

**ADDITIONAL REQUIREMENTS FOR ENDORSEMENTS**

**MATHEMATICS……1**

**SCIENCE……...1**

**ENDORSEMENT-SPECIFIC ELECTIVES……..…2**
Electives must be chosen from one of the endorsement areas of STEM, Business and Industry, Arts and Humanities, Public Services, or Multidisciplinary Studies

**TOTAL CREDITS: FHSP + ENDORSEMENT……...26**
College Board Advanced Placement and Dual Credit courses may be substituted in appropriate areas for both Foundation and Endorsement credits.

**STATE ASSESSMENT PERFORMANCE**
In addition to the credit requirements as listed above, students must meet passing standards on the following End-of-Course Exams:

- English I;
- English II;
- Algebra I;
- Biology;
- United States History

### ENDORSEMENTS

All students are required to declare an endorsement in writing. Students will be permitted to change their endorsement with written notification.

There are five endorsement options, which allow students flexibility based on individual interests and career goals. Each endorsement category is designed to prepare students to successfully enter postsecondary education or the workforce upon graduation from high school.

The endorsement and the career areas to which they correspond are as listed below:

- **STEM** – Science, including Computer Science; Technology; Engineering and Mathematics;
- **PUBLIC SERVICES** – Education and Training; Government and Public Administration; Health Science; Human Services; and Law, Public Safety, Corrections and Security;
- **BUSINESS AND INDUSTRY** – Agriculture, Food, and Natural Resources; Architecture and Construction; Business Management and Administration; Finance; Hospitality and Tourism; Information Technology; Manufacturing; Marketing; Transportation; and Journalism, including broadcast journalism, newspaper, and public speaking;
- **ARTS AND HUMANITIES** – Fine Arts; Economics with Emphasis on Free Enterprise; English Language Arts; and Languages Other than English;
- **MULTIDISCIPLINARY STUDIES** – Allows students to take courses in several endorsement areas as listed

### RECOGNITIONS

Students have the opportunity to earn additional recognitions in the following areas.

**DISTINGUISHED LEVEL OF ACHIEVEMENT**

A student may earn a distinguished level of achievement by successfully completing all curriculum requirements for the Foundation High School Program, plus

- A fourth credit in mathematics, which must include Algebra II;
- A fourth credit in science;
- The requirements of at least one endorsement
- A student must graduate with a Distinguished Level of Achievement to be eligible for automatic admission to a Texas public college or university.

**PERFORMANCE ACKNOWLEDGEMENTS**

A student may earn a performance acknowledgement in one or more of the following categories:

- AP test score of 3 or higher ***or*** Outstanding performance on the PSAT(Commended or higher) ***or*** ASPIRE (college ready on at least 2 of 4 subject tests) ***or*** the SAT (1250) **or** the ACT (28);
- 12 hours of college credit College Grade of 3.0 or above) ***or*** Associate's Degree
- Bilingualism and biliteracy; and
- Earning a nationally or internationally recognized business or industry certification or license

# Endorsement Options

## STEM

**STEM (Science Technology Engineering Math) requires the completion of Algebra 2, Chemistry, and Physics**

***Mathematics:*** (Choose 2)
Pre-Calculus, AP Statistics, Engineering Mathematics, AP Calculus, DC Math (2 courses), Advanced Quantitative Reasoning

***Science:*** (Choose 3)
AP Physics 1, AP Physics 2, AP Biology, DC Science (2 courses), Anatomy and Physiology, Forensics, Aviation, AP Chemistry, AP Environmental, Aquatics, Environmental, Advanced Animal Science, Principles of Engineering

***Engineering:***
*Choose 2*:
Intro to Engineering Design
Principles of Engineering
*Choose 1*:
Civil Engineering and Architecture
Engineering Design and Development
*Plus one additional CTE Credit*

## ARTS AND HUMANITIES

**Arts and Humanities requires the completion of one additional mathematics course and one additional science course**

***Social Studies***: *Choose 5* credits (3 are part of FHSP)
World Geography, World History (includes AP), US History (includes AP and DC), US Government (includes AP and DC), Economics (includes AP), AP European History, Psychology, Sociology

***English:*** *Choose 4* credits
English IV (includes AP and DC), Creative Writing, Humanities, Communication Applications (1/2 credit), AP English Literature and Composition, Literary Genres

***Languages Other than English:***
*Choose 4* levels of the same language or 2 levels from 2 different languages:
- Spanish
- French
- ASL

***Dance***: Four levels of Dance

***Music***: Four levels of Music, Band, or Choir

***Theatre Arts:*** Four levels of Theatre Arts, Technical Theatre, or Theatre Production

***Art:***
Art 1 *and*
*Choose 1:*
- Art 2 Drawing
- Art 2 Painting
- Art 2 Print Design
- Art 2 Ceramics
- Art 2 Sculpture

*Choose 1:*
- Art 3 Advanced Print Design
- Pre-AP Art 3 Portfolio
- AP Art 3 Drawing
- Art 3 Photography

*Choose 1*:
- Art 4 Advanced Photography
- AP Art 4 Two-Dimensional Design

## PUBLIC SERVICES

**Public Services requires the completion of one additional mathematics course and one additional science course**

***Health Science***:
*Choose 2 credits*:
- Principles of Health Science
- Medical Terminology
- Health Science 1

*Choose 1 advanced credit*:
- Practicum in Health Science (EMT or Pharm Tech)
- Anatomy and Physiology

*Plus one additional CTE Credit*

***Education and Training***
*Choose 2 credits*:
- Child Development
- Interpersonal Studies
- Instructional Practices in Education and Training

*Choose 1 advanced credit*:
- Human Growth and Development
- Practicum in Education and Training

*Plus one additional CTE Credit*

***Law Public Safety, Corrections, and Securities:***:
*Choose 2 credits*:
- Principles of Law, Public Safety, Corrections, and Securities
- Law Enforcement I

*Choose 1 advanced credit*:
- Law Enforcement II
- Forensic Science
- Forensic Psychology

*Plus one additional CTE Credit*

***JROTC***
Four courses in JROTC

## MULTIDISCIPLINARY STUDIES

**Multidisciplinary Studies requires the of completion one additional mathematics course and one additional science course**

***4 Advanced Courses:***
*Choose 4* Advanced Courses from
- AP Courses
- DC Courses
- Other Advanced Courses not in a coherent sequence

***4 Advanced Placement or Dual Credit Courses:***
*Choose 4* AP/DC Courses from:
- One AP/DC English Course
- One AP/DC Math Course
- One AP/DC Social Studies Course
- One AP/DC Science Course
- One AP/DC Languages other than English
- One AP/DC Fine Arts

***4 Credits in Foundation Areas:***
*Choose 4* Advanced Courses from
- English 4
- Chemistry
- Physics
- Additional Math
- Additional Social Studies

# Endorsement Options

## BUSINESS AND INDUSTRY

**Business and Industry requires the completion of one additional mathematics course and one additional science course**

***Agriculture, Food and Natural Resources***:

*Choose 2* credits from:
- Principles of Ag, Food, and Natural Resources
- Livestock Production
- Small Animal Management
- Ag Mechanics and Metal Tech
- Equine Science
- Wildlife, Fisheries, and Ecology Management
- Principles and Elements of Floral Design

*Choose 1* credit from:
- Veterinary Medical Applications
- Advanced Animal Science
- Agricultural Facilities Design and Fabrication
- Practicum in Ag, Food, and Natural Resources

*Plus one additional CTE credit*

***Arts A/V Technology:***

*Choose 2* credits from:
- Principles of Arts and A/V
- Animation+
- Audio Video Production
- Graphic Design and Illustration
- Commercial Photography
- Professional Communications

*Choose 2* credits from:
- Advanced Graphic Design and Illustration
- Advanced A/V Production
- Practicum in A/V Production
- Practicum in Graphic Design and Illustration

***Business Management and Administration:***

*Choose 2* credits from:
- Principles of Business, Marketing, and Finance
- Banking and Financial Services
- Accounting 1
- BIM

*Choose 1* advanced credit from:
- Global Business
- Virtual Business
- Web Technologies
- Accounting II

*Plus one additional CTE credit*

***Marketing:***

*Choose 2* credits from:
- Advertising and Sales Promo
- Entrepreneurship
- Sports and Entertainment Marketing

*Choose 1* advanced credit from:
- Marketing Dynamics

*Plus one additional CTE credit*

## BUSINESS AND INDUSTRY *cont.*

**Business and Industry requires the completion of one additional mathematics course and one additional science course**

***Information Technology***:

*Choose 1 ½* credits from:
- Principles of Information Technology
- Computer Maintenance
- Computer Programming

*Choose 2* advanced credits from:
- Computer Technician
- Advanced Computer Programming

*Plus ½ additional CTE credit*

***Hospitality and Tourism***:

*Choose 2* ***credits*** from:
- Principles of Hospitality and Tourism
- Restaurant Management
- Travel and Tourism
- Lifetime Nutrition and Wellness

*Choose 1* advanced ***credit*** from:
- Culinary Arts

*Plus one additional CTE credit*

***Transportation, Distribution, and Logistics***:

*Choose 2* credits from:
- Principles of Trans, Distribution, and Logistics
- Automotive Technology

*Choose 1 advanced* credit from:
- Advanced Automotive Technology
- Collision Repair and Refinish

*Plus one additional CTE credit*

***Advanced Journalism/Yearbook:***

*Choose 3* courses from:
- Journalism/Yearbook 1
- Journalism/Yearbook 2
- Journalism/Yearbook 3

*Choose 1* additional English Course

***Public Speaking:***

*Choose 3* courses from:
- Debate 1
- Debate 2
- Debate 3

*Choose 1* additional English Course

# Associate's Degree Concurrent with High School Diploma

***Requirements for Completing Concurrent Associate's Degree with High School Diploma:***

- WC offers GISD students AA, AS, and an AAS Degrees*
- Must complete the Core requirements
- Must have college sixty hours, only 29 college hours can be completed at GHS
- Must complete High School Graduation Requirements
- Must be advised by GISD counselor AND a Weatherford College Advisor
- Should have a degree plan from a Weatherford College Advisor

***Additional Information for Success***

- Must collaborate explicitly with GHS counselor and Weatherford College academic advisor
- Would need to take English 1 and Algebra 1 in Grade 8
- Must meet "Exceptional Student" requirement to start college work in Grade 10
- Limited to 29 Dual Credit Hours at GHS by SACS rule
- After 29 Credit hours at GHS, must complete other hours at Weatherford College
- Weatherford College Math 2412/2413/2414/2415 and Weatherford College Phys 2425/2426 can be 4th year advanced math/science credit
- Weatherford College classes can be taken at Granbury Education Center or Weatherford College in Weatherford
- Weatherford College classes can be taken during regular semesters, Summer I and/or Summer II

**Associate's Degree/Education**
**Concurrent with HS Diploma**
*(Sample Plan)*

Grade 10
- DC Eng 1301/1302
- TECA 1354/1303
- WC Speech1315
- WC Kine 1238

Grade 11
- DC Eng 2311/2331
- DC US Hist 1301/1302
- DC Math 1314
- WC Drama 1310
- WC Educ 1301/2301
- WC Biol 1406

Grade 12
- DC Govt 2305/2306
- WC Math 1350/1351
- WC Phys 1415/1417
- WC Econ 2301
- WC Geog 1301

*This is an example of an Associate's Degree through Weatherford College/GHS partnership. This fully transfers to Tarleton toward a degree in education and a teaching certification.*

**Associate's Degree/Engineering**
**Concurrent with HS Diploma**
*(Sample Plan)*

Grade 10
- DC Eng 1301/1302
- WC Speech1315
- WC Psyc 2314

Grade 11
- DC Eng 2311/2331
- DC US Hist 1301/1302
- WC Drama 1310
- WC Psyc 2301
- WC Math 2412/2413
- WC Chem 1411/1412

Grade 12
- WC Math 2414/2415
- DC Govt 2305/2306
- WC Phys 2425/2426
- WC Kine 1230/1164

*This is an example of an Associate's Degree through Weatherford College/GHS partnership. College credit for Introduction to Engineering Design and Principles of Engineering is awarded by the University of North Texas.*

# Class Rank and GPA

The Granbury ISD Board of Trustees adopted local policies affecting student grade point averages and class rank during a special board meeting on August 11, 2014.

These changes were developed in consultation with teachers, parents, and students with the following objectives:

- Incentivize the collection of endorsements rather than the collection of GPA points
- Incentivize "fidelity to a program," which, in the eyes of post-secondary recruiters, is one of the highest indicators of collegiate success
- Create a level baseline for which all students may have an equal opportunity to gain highest academic honors
- Appropriately reward students who continue to pursue the highest rigor academic core courses
- Provide students with a GPA that is more reasonably aligned with the state and with what colleges and universities expect

The full policy EIC (LOCAL) is available on the district website at www.granburyisd.org/policy.

***Students Graduating Beginning in 2018***

Eligible AP, Pre-AP, dual credit, and practicum/internship level CTE courses designated in the student handbook shall be categorized as Advanced Academic Courses, which shall receive advanced credit based on the number of academic credits.

The District shall determine an unweighted GPA for each student using grades from eligible courses. Upon completion of eight advanced credits, the student shall have a 1.1 multiplier applied to his or her cumulative GPA.

Upon the completion of grade 12, a student who has earned 16 advanced credits shall have a 1.1 multiplier applied to his or her cumulative GPA. A student who had not completed 16 advanced credits shall have his or her GPA reverted back to unweighted status.

Each student who participates in and completes four years of an eligible course and related extracurricular activity, as applicable, during high school shall be awarded a fidelity point. A student may substitute a fidelity point for up to two advanced courses. The list of eligible courses shall be designated in administrative regulations.

A full list of Advanced Academic Courses is available on the next page.

# Advanced Academic Credit Course Information

**ADVANCED ACADEMIC CREDITS AVAILABLE TO GRADE 9**

Pre -AP English 2
Pre-AP Geometry
Pre-AP World Geography
Pre-AP Biology

**ADVANCED ACADEMIC CREDITS AVAILABLE TO GRADE 11**

AP English 3
AP English 4
DC English 3
DC English 4
Pre- AP Algebra 2
Pre-AP Pre-Calculus
AP US History
AP European History
DC US History
AP Physics 1
AP Chemistry
AP Biology
DC Zoo/Botany
Forensics
Pre-AP Spanish 3
Pre-AP French 3
AP Spanish 4
American Sign Language 3
Pre-AP Art 3 Draw

**EXAMPLES OF CTE ADVANCED ACADEMIC CREDITS**

***AG:***
- DC Advanced Animal Science
- Practicum in Ag
- Practicum in Welding

***Arts/AV:***
- Animation/ Advanced Graphics
- Practicum in AV
- Advanced AV Production/Practicum

***Education:***
- Practicum in Education

***Health Science***:
- Health Science
- Anatomy and Physiology
- Practicum (EMT or Pharmacy Tech)

***Information Technology***:
- Computer Technician
- Advanced Computer Programming

***Law:***
- Forensics
- Law Enforcement 2

***STEM:***
- Intro to Engineering Design
- Principles of Engineering
- Civil Engineering
- Engineering Design/Development

**ADVANCED ACADEMIC CREDITS AVAILABLE TO GRADE 10**

Pre-AP English 2
AP English 3
DC English 3
Pre-AP Geometry
Pre-AP Algebra 2
AP World History
Pre-AP Chemistry
Pre-AP Spanish 3
Pre-AP Art 3 Draw

**ADVANCED ACADEMIC CREDITS AVAILABLE TO GRADE 12**

AP English 4
DC English 4
Pre-AP Pre-Calculus
AP Calculus
AP Statistics
DC Math/College Algebra
AP Government/AP Economics
DC Government /AP Economics
DC Government /DC Government
AP European History
AP Physics 1
AP Physics 2
AP Chemistry
AP Biology
DC Zoo/Botany
Forensics
AP Environmental Science
AP Spanish 4
AP Spanish 5
AP French 4
AP Art
AP Music Theory

**FIDELITY POINTS**

Additional Advanced Credits/Fidelity Points allowed for a comprehensive, competitive extracurricular activity tied to a class (Athletics, Band, Dance, Cheer, Choir, etc.).

# Course Description Legend

***Course Description Information:***

| | |
|---|---|
| **Course Name** (Course Number)<br>Credits Earned – Intended Grade Level(s)<br>*Prerequisites:* Course required prior to enrollment<br><br>(Course Indicators)<br><br>Full course description. | **English 1** (0110)<br>1 credit - Grade 9<br>*Prerequisites:* None<br><br><br>Provides a year-long program of interrelated language skills with study in the areas of reading, writing, spelling and vocabulary. Includes a study of literature, creative writing, and introductory research skills. |

***Course Indicators:***

The following legend for Course Indicators will be used throughout the course catalog.

| | |
|---|---|
|  | • **Foundation Course Requirement** |
|  | • **STEM Endorsement** |
|  | • **Business & Industry Endorsement** |
|  | • **Public Services Endorsement** |
|  | • **Arts & Humanities Endorsement** |
|  | • **Multidisciplinary Studies Endorsement** |
|  | • **Advanced Academic Credit Opportunity**<br>• **For students entering the 9th grade beginning in 2014-15**<br>• **Course can count as one of your 16 Advanced Academic Credits (AAC)** |
|  | • **Distinguished Achievement** |
|  | • **End of Course Test Required** |
|  | • **Advanced Placement Course**<br>• **AP Exam at End of Course for College Credit** |
|  | • **Dual Credit Course**<br>• **College Entrance Requirements Must Be Met** |
|  | • **Teacher Approval Required** |
|  | • **Outside of Class Commitment** |
|  | • **Certification Available** |
|  | • **2 Periods During the School Day** |
|  | • **Physical Required to Enroll**<br>• **Must be received BEFORE the first day of practice** |

# *English*

**English 1** (0110)
1 credit - Grade 9
*Prerequisites:* None



Provides a year-long program of interrelated language skills with study in the areas of reading, writing, spelling and vocabulary. Includes a study of literature, creative writing, and introductory research skills.

***English for Speakers of Other Languages (ESOL 1, 2)*** *(0100, 0105)*
*½ -1 credit – Grades 10-12*
*Prerequisite: Committee decision after language survey testing*



*The four language skills (listening, speaking, reading, and writing) are offered in a developmental sequence. The course is designed to consider cultural backgrounds of the students and to incorporate those with instruction. Only two credits may count as English graduation requirements.*

**English 2** (0120)
1 credit - Grade 09-10
*Prerequisite:* English 1



Develops writing skills through a study of grammar, usage, mechanics, and vocabulary. The course provides a survey of world literature and integrates writing with the study of literature.

***Pre-Advanced Placement English 2*** *(0125)*
*1 credit - Grade 9-10*
*Prerequisites: English 1 and suggested reading list*




*Designed for students with a high degree of skill in reading, writing, and interpretation of literature. One of the major objectives of this course is to prepare students for the Advanced Placement English Language and Composition Examination and Advanced Placement English Literature and Composition Examination given by the College Board their junior and senior years.*

**English 3** (0130)
1 credit – Grades 10-11
*Prerequisites*: English 1 and English 2



Provides a survey of American literature, including representative writers and their contributions to the literary heritage of the U.S. Also, inte*grates writing skills with the study of literature and the research process.*

***Advanced Placement English 3*** *(0135)*
*1 credit - Grades 10-11*
*Prerequisites: English 2 or Pre-AP English 2 and Suggested Reading List*




*An Advanced Placement course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way generic conventions add to effectiveness in writing. After completing this course students may take the Advanced Placement English Language and Composition Examination given by College Board for possible college credit.*

***Dual Credit English 3 (ENGL 1301/ ENGL 1302)*** *(0137)*
*1 credit – Grades 10-11*
*Prerequisites: TSI Assessment and registration with Weatherford College*




*This course offers students the opportunity to earn simultaneous credit in both high school junior English and freshman college English (1301 &1302) through Weatherford College.*

## English Electives

**Journalism Yearbook Production 1** (0168)
1 credit – Grades 10-12
*Prerequisites:* Teacher Approval



Students will work together as a staff to record the yearly history of Granbury High School. Students will learn basic layout and design elements, theme development, photography, and copy writing skills that go into producing a yearbook. Students must successfully complete an interview with the advisor in order to be considered for the yearbook staff.

**Journalism Yearbook Production 2** (0169)
1 credit - Grades 10-12
*Prerequisites:* Teacher Approval



Students will work together as a staff to record the yearly history of Granbury High School. Students will learn basic layout and design elements, theme development, photography, and copy writing skills that go into producing a yearbook. Students must successfully complete an interview with the advisor in order to be considered for the yearbook staff.

**Debate 1** (0175)
½-1 credit - Grades 9-12
*Prerequisite:* Instructor approval



This course is designed for competitive debate in standard forms. Curriculum includes researching current NFL, TFA, and UIL topics for debate, organizing and structuring cases, practicing fundamental debate techniques, and effectively using the basic processes of logic and reasoning as well as advancing skills in speaking. Students will be required to attend and compete in tournaments or equivalent activities, earn membership in National Forensic League and achieve a minimum number of points toward NFL distinction per semester on a graded scale.

**Debate 2** (0176)
½ -1 credit - Grades 10-12
*Prerequisites:* Instructor approval, Debate 1, previous successful performance in debate activities



This course is designed for competitive debate in standard forms. Curriculum includes researching current NFL, TFA, and UIL topics for debate, organizing and structuring cases, practicing fundamental debate techniques, and effectively using the basic processes of logic and reasoning as well as advancing skills in speaking. Students will be required to attend and compete in tournaments or equivalent activities, earn membership in National Forensic League and achieve a minimum number of points toward NFL distinction per semester on a graded scale.

**Oral Interpretation I** (0190)
1 credit – Grades 10-12
*Prerequisites:* None



Students will select, research, analyze, adapt, interpret, and perform literary texts as a communication art. Students focus on intellectual, emotional, sensory, and aesthetic levels of texts to attempt to capture the entirety of the author's work. Individual or group performances of literature will be presented and evaluated.

# *Mathematics*

**Algebra 1** (0210)
1 credit - Grades 9
*Prerequisites:* None



This course builds on previous experience in mathematics. It includes properties and operations of real numbers, the solving of linear equations and inequalities, and properties of fractions and algebraic fractions. The course also teaches the coordinate plane and linear equations and inequalities with two variables and radicals.

**Geometry** (0220)
1 credit – Grades 9-12
*Prerequisite:* Algebra 1



Concepts of space geometry are integrated with plane geometry. Algebraic skills are reviewed and strengthened through applications in problem solving. This course includes theory and application, formal and informal proofs, trigonometry, constructions and logic, coordinate geometry, and transformations.

**Pre-Advanced Placement Geometry** (0225)
1 credit – Grades 9-10
*Prerequisite:* Algebra 1



This course is designed for the advanced, academically bright math student who meets the placement criteria listed for honors courses. Some additional material will be covered in this course that is not covered in regular geometry. Emphasis will be placed on independent study and research, and higher level thinking skills.

**Algebra 2** (0230)
1 credit – Grades 10-12
*Prerequisite:* Algebra 1



Extends and continues Algebra 1. Some new topics will be covered such as complex numbers, conic sections, higher order equations, exponential and logarithmic functions, matrices, and probability and statistics. Emphasis is placed on problem solving skills.

**Pre-Advanced Placement Algebra 2** (0235)
1 credit - Grades 10-11
*Prerequisites:* Algebra 1



This course is designed for students who have displayed a high degree of understanding in previous Algebra and Geometry classes. All the topics included in regular Algebra 2, as well as more difficult problems and more independent research, will be added to the course. Emphasis is placed on skills to begin preparing students for the Advanced Placement Calculus curriculum.

**Mathematics Modeling with Applications** (0260)
1 credit – Grades 10-11
*Prerequisite:* Algebra 1

Students use algebraic, graphical, geometrical, and statistical reasoning to recognize patterns and structures, to model information, and to solve problems from various disciplines. Students use math methods to model and solve real-life problems involving money, data, chance, patterns, music, design and science.

# Science

**Biology** (0310)
1 credit - Grade 9
*Prerequisites*: None



Students conduct laboratory experiments in a variety of topics that include: structures and functions of cells and viruses, growth and development of organisms, cells, tissues and organs, nucleic acids and genetics, metabolism and energy transfers in living organisms, ecosystems, and plants and the environment.

**Pre-Advanced Placement Biology** (0315)
1 credit - *CNG Grade 9 only*
*Prerequisites*: None



Students conduct laboratory experiments in a variety of topics that include: structures and functions of cells and viruses, growth and development of organisms, cells, tissues and organs, nucleic acids and genetics, metabolism and energy transfers in living organisms, ecosystems, and plants and the environment. Students will utilize skills in self-directed learning, creative, logical, and critical thinking, research, and communication by producing innovative performances and products that reflect creativity and individuality in an advanced program. Independent reading and a project are required.

**Integrated Physics and Chemistry** (0305)
1 credit - Grade 10-12
*Prerequisites:* None

Laboratory-oriented class that integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy, transformations, properties of matter, changes in matter, and solution chemistry.

**Chemistry** (0330)
1 credit - Grades 10-12
*Prerequisites:* One unit of high school science, Algebra 1



Covers general exploratory experiences and activities in the concepts of matter, atomic structure, chemical equations, properties of solutions, acids and bases, and nuclear chemistry.

**Pre-Advanced Placement Chemistry** (0335)
1 credit - Grades 10-11
*Prerequisites:* One unit of high school science and strong foundation in Algebra I



This course follows the course description of Chemistry with a focus on advanced laboratory skills and critical thinking skills to prepare students for Advanced Placement chemistry. *Performance-based projects are required.*

**Physics** (0360)
1 credit - Grades 10-12
*Prerequisites:* None



Students conduct laboratory investigations involving such topics as laws of motion, force, conservation of energy, and momentum; electricity; thermodynamics; wave motion; and quantum physics.

**Advanced Placement Physics 1**
(0366)
1 credit – Grades 10-12
*Prerequisites:* Geometry and concurrent enrollment in Algebra 2 or equivalent course



Students explore principles of Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. The course is based on six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world.

# Social Studies

**World Geography Studies** (0400)
1 credit - Grade 9
*Prerequisites:* None



Students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography.

**Pre-Advanced Placement World Geography Studies** (0405)
1 credit – *CNGC Grade 9 only*
*Prerequisites:* None



Students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students must utilize self-directed learning; creative, logical, and critical thinking; research and communication by producing innovative performances and products that reflect creativity and individuality in an advanced program. Independent reading required.

**World History Studies** (0410)
1 credit - Grades 10
*Prerequisites:* None



World History Studies is a course that offers students an overview of the entire history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present

**AP World History** (0417)
1 credit – Grades 10-12
*Prerequisites*: None



This course presents a comprehensive history of the world, allowing students to view history in a global and integrated way. It will afford students the opportunity to gain a Distinguished Achievement measure as well as college credit by successful completion of the associated AP exam in May. Major facets of the course include the impact of interaction among major societies, relationship of change and continuity, impact of technology and demography on people and the environment, systems of social structure and gender structure, cultural and intellectual developments and interactions, and changes in functions and structures of states and in attitudes toward states and political identities, including the rise of the nation-state. This course meets the one-year world history social studies graduation requirement.

**United States History Studies Since Reconstruction** (0420)
1 credit – Grade 10-11
*Prerequisites:* None



This course covers the history of the United States since Reconstruction to the present. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies of the Cold War and post-Cold War eras, and reform movements including civil rights.

**Advanced Placement United States History** (0425)
1 credit - Grade 10-12
*Prerequisites:* World History, World Geography, completion of suggested reading



This program is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with problems and topics in U. S. History. Students will develop the skills necessary to arrive at conclusions based on informal judgment and to present reasons and evidence clearly and persuasively in essay format. Upon completion of this course, students are expected to take the U.S. History Advanced Placement exam.

**Dual Credit United States History to 1877 (HIST 1301)** (0426)
½ credit – Grades 10-12
*Prerequisites*: TSI assessment and registration with the Weatherford College



This survey course develops the ability to organize, interpret, and evaluate several sources of information about the political, economic, and cultural history of the United States from its roots to the close of Reconstruction.

**Dual Credit United States History from 1877 (HIST 1302)** (0427)
½ credit – Grades 10-12
*Prerequisites*: TSI assessment and registration with Weatherford College, DC US History 1301



This survey course develops the ability to organize, interpret, and evaluate several sources of information about the political, economic, and cultural history of the United States from the end of Reconstruction to the 1990s.

# *Foreign Language*

**Spanish 1** (0600)
1 credit - Grades 9-11
*Prerequisites:* None



This course teaches phonics, basic speech patterns, and sentence structure. Emphasis is on vocabulary acquisition, with exercises in reading, writing, listening, and speaking. Culture is introduced.

**Spanish 2** (0605)
1 credit - Grades 9-12
*Prerequisite:* Spanish 1



This course teaches skills in using Spanish for everyday life situations. Emphasis is on grammar, with several past tense, present tense, and command verb forms. Subjunctive forms are introduced. Cultural studies are included.

**Spanish Language for Native Speakers 2** (0606)
1 credit – Grades 10-12
*Prerequisite:* Spanish for Spanish Speakers



This course continues to build on a student's oral skills in Spanish to increase and expand reading and writing abilities. It develops critical thinking skills in Spanish that will be transferable to English. Students successfully completing this one credit course will be prepared for Pre-AP for Spanish Speakers 3. Students must be recommended by their teacher or counselor to participate in this course.

**Pre-Advanced Placement Spanish 3** (0610)
1 credit - Grades 10-12
*Prerequisites:* Spanish 1, Spanish 2



This course offers advanced conversational and writing skills and literature.

**Pre-Advanced Placement Spanish 3 for Native Speakers** (0611)
1 credit - Grades 10-12
*Prerequisites*: Spanish for Spanish Speakers



This course builds on a student's oral skills in Spanish. It increases and expands a student's skills in oral, written and interpretive modes.

**French 1** (0640)
1 credit - Grades 9-11
*Prerequisites:* None



French 1 introduces the vocabulary, grammar and language skills necessary for a basic study of French.

**French 2** (0645)
1 credit - Grades 10-12
*Prerequisite:* French 1



French 2 continues the development of skills necessary for the more complex strategies of the French language.

**American Sign Language (ASL) I** (0670)
1 credit – Grades 9-12
*Prerequisites:* None



Students develop the ability to perform the tasks of the novice language learner. The novice language learner, when dealing with familiar topics, should: understand short-signed phrases when attending and respond expressively with learned material; produce learned signs, phrases, and sentences; detect main ideas in familiar material that is signed; be able to transcribe American Sign Language (ASL) into English gloss; recognize the importance of communication and how it relates to the American deaf culture; and recognize the importance of acquiring accuracy of expression by knowing the components of ASL, including grammar.

**American Sign Language (ASL) II** (0675)
1 credit – Grades 10-12
*Prerequisite:* ASL I



Students further their knowledge and practice in the areas of communication, culture, connections, comparisons, and communities during this second year of ASL as listed in ASL I.

# Fine Arts

## Theatre Arts

**Theatre Arts 1** (0750)
1 credit - Grades 9-12
*Prerequisites:* None



This overview course introduces students to the basic concepts of theatre and creative expression including pantomime, improvisation, voice and diction, analysis of script and characters, theatre safety, interdependence of technical theatre, acting, theatre appreciation, and audience etiquette. Emphasis is on basic acting skills.

**Theatre Arts 2** (0751)
1 credit - Grades 9-12
*Prerequisite:* Theatre Arts 1



This course analyzes the multiple components and skills that comprise a theatrical production, and provides for continued development of acting and production skills. It concentrates on the process and methods of theatre production. Students will audition, rehearse, and perform in public.

**Theatre Arts 3** (0752)
1 credit – Grades 10-12
*Prerequisites:* Theatre Arts 2, teacher approval



This course includes detailed study of theatrical styles, script and character analysis, playwriting, directing, and emphasizes career opportunities available in Theatre arts. Evaluations of production styles and techniques will be made. Focus is on performance. Students will be required to audition, rehearse, and perform in a major production. Rehearsals are held during class time and after school.

**Theatre Production 1 and 2** (0760, 0761)
1 credit – Grades 09-12
*Prerequisites:* Director's approval and audition for placement



Students will produce a major production for public performance and competition. Rehearsals are held during class time and after school. Students must audition and must participate in the UIL One-Act Play competition.

**Technical Theatre 1** (0770)
1 credit – Grades 10-12
*Prerequisites:* None



Students will gain hands-on experience in technical theatre including: building scenery and props, costumes, makeup, lighting, rigging, and theatre safety. Students will build sets for major productions during class.

## Choir

**Choir 1** (0720)
1 credit – Grades 9-12
*Prerequisite:* Auditioned by instructor



Choir 1 provides music instruction in the care and development of the voice and the production and control of tone. Students are prepared for advancement into concert, a cappella, or chamber chorus. Attendance at all performances is required.

**Choir 2 and 3** (Concert) (0721) (0722)
1 credit - Grades 9-12
*Prerequisites:* Auditioned by instructor
Choir 2, 3, and 4 are taken in sequence



Choir courses offer instruction for those students who wish to improve their vocal skills and techniques for participation in a cappella and chamber chorus. This course will enrich the student's aesthetic experience by deepening music knowledge base.

**Choir 2 and 3** (Chamber Choir) (0726) (0727)
1 credit – Grades 10-12
*Prerequisites:* Choir 1 or commensurate skills, teacher recommendation based on audition, sight reading skills test, concurrent membership in the most advanced choir in the school . Choir 3 and 4 are taken in sequence.



These courses provided students with advanced vocal training and performance. The students are required to have a juried recital, participate in TMEA, and UIL, attend all concerts and write critiques, write papers on assigned composers, and perform in all choral concerts. With instructor approval, honors credit will be given to students who meet additional requirements.

## Art

**Art 1** (0730)
1 credit - Grades 9-12
*Prerequisites:* None



Art 1 provides basic art instruction to emphasize the fundamentals of art and to develop skills in art. It offers opportunities to illustrate ideas for artwork from direct observation, experiences and imagination using art element and principles. It includes effective use of art media and tools in design, drawing, printmaking, printing, and sculpture. It also includes culture heritage and opportunities to use critical evaluation through art. Students will explore art careers and vocational opportunities in art.

## *Fine Arts cont.*

**Art 2 Drawing** (0731)
1 credit - Grades 9-12
*Prerequisites:* Art 1



This course provides advanced art instruction in 2-dimensional art developing skills in drawing techniques that may apply to art elements and principles of design. The course provides for a variety of art media and tools. Emphasis will be put upon creating a portfolio which demonstrates skills developed in the drawing field.

**Art 2 Painting** (0736)
1 credit – Grades 10-12
*Prerequisite*: Art 1



This course provides advanced art instruction in 2-dimensional art developing skills in painting techniques that may apply to art elements and principles of design. The course provides for a variety of art media and tools. Emphasis will be put upon creating a portfolio which demonstrates skills developed in the painting field of study.

**Art 2 Print Design** (0732)
1 credit – Grades 10-12
*Prerequisite:* Art 1



This course provides basic art instruction to emphasize the fundamentals of design and to develop skills in various media and techniques that apply to the principles of design. Emphasis will be upon creating a portfolio focused on design schemes. Careers in fashion, advertising, interior, and exterior design will be explored.

**Art 2 Ceramics** (0734)
1 credit - Grades 10-12
*Prerequisite:* Art 1



Ceramics introduces students to basic materials and processes in ceramic construction. Students are introduced to hand-built and thrown ceramic techniques. Students create original designs by incorporating the elements and principles of art into their personal ceramic projects. History and careers will be explored.

**Art 2 Sculpture** (0735)
1 credit – Grades 10-12
*Prerequisites*: Art 1



Art 2 Sculpture introduces students to basic materials and processes in the three-dimensional art form of sculpture. Students create original designs by incorporating the elements and principles of art into their personal three-dimensional sculptures. History and careers will be explored.

**Art 3 Advanced Print Design** (0733)
1 credit - Grades 11-12
*Prerequisites:* Art 1 and Art 2 Design; Instructor approval



This course provides advanced instruction in the principles of design and development of media and techniques used in commercial art. Emphasis will be upon creating a portfolio focused on design schemes. Careers in illustration, advertising, interior, and exterior design will be explored.

**Pre-Advanced Placement Art 3 Portfolio** (0737)
1 credit – Grades 10-12
*Prerequisites:* Art 1 & 2; Instructor approval



Art 3 Portfolio provides students an opportunity to start preparing a portfolio while working in and out of the classroom. Students will prepare the breadth portion of the AP portfolio. This work will be the first part of the AP portfolio to be evaluated by the College Board. The remainder of the work will be completed during the AP Drawing course. This is also an upper level course available to students who want to stay involved in art without progressing to the AP level.

**Advanced Placement Art 3 Drawing** (0739)
1 credit - Grades 10-12
*Prerequisites:* Art 1 and Art 2; Instructor recommendation



AP Art 3 Drawing provides an opportunity for students to prepare a drawing portfolio while working both in and out of the classroom. Students experiment with a variety of media and their works are judged on the quality, concentration and breadth of presentation. This course is equivalent to freshman college-level courses in General Art, and students take the Advanced Placement examination.

**Art 3 Photography (0738)**
1 credit - Grades 10-12
*Prerequisite:* Art 1



**This course has a** focus on art in black and white photography. It includes basic skills and techniques associated with the operation of the camera and development of prints in the darkroom. Composition plays a very important role, hence the recommendation of drawing or design as a *Prerequisite.* (Personal digital camera recommended.)

## *Fine Arts cont.*

**Principles & Elements of Floral Design** (9365)
1 credit – Grades 10-12
*Prerequisites*: None
***FINE ARTS CREDIT OPTION**



Bloom where you are planted! Start your semester with homecoming mum designs and learn how to make a profit with your talents. Discover art within natural elements and use your talent to create beautiful floral arrangements. This class teaches a variety of floral skills and horticulture development while applying artistic design. Students will have the opportunity to earn a floral certification. **Texas State Floral Certification may be offered.**

### *Dance*

**Dance 1 (Drill Team-Stowaways)** (0780)
1 credit - Grades 9-12
*Prerequisites:* Audition for placement; courses are taken in sequence.



The student will develop an awareness of the body's movement and apply fitness principles to dance. Choreographic processes will be used to demonstrate an understanding of cultural, historical, and artistic diversity. Performance is required.

**Dance 2 (Drill Team-Stowaways Years 2-5)** (0785)
1 credit - Grades 9-12
*Prerequisites:* Audition for placement; courses are taken in sequence.



The student will develop an awareness of the body's movement and apply fitness principles to dance. Choreographic processes will be used to demonstrate an understanding of cultural, historical, and artistic diversity. Performance is required.

**Dance I** (0782)
1 credit – Grades 9-12
*Prerequisites:* None



This class is designed to teach students the basic technique and skills in Hip Hop, Lyrical, Jazz, Modern and Choreography. In each dance form studied, students will learn dance routines and create various dance choreography in group assignments. Students are introduced to basic dance vocabulary, technique and history of the various dance forms taught in this class. This is not a performance class but a performance opportunity may be available in the Spring Semester. Students are required to purchase a dance t shirt for $15.

**Dance II** (0787)
1 credit – Grades 9-12
*Prerequisites:* Dance I



This class is designed to teach students the basic technique and skills in Hip Hop, Lyrical, Jazz, Modern and Choreography. In each dance form studied, students will learn dance routines and create various dance choreography in group assignments. Students are introduced to basic dance vocabulary, technique and history of the various dance forms taught in this class.

### *Band*

**Marching Band/Instrumental Ensemble 1, 2, and 3** (0700, 0701, 0702)
1 credit (Fine Arts or PE) - Grades 9-12
*Prerequisites:* Audition for placement



Encourages music education and appreciation through participation in the Marching Band, Wind Ensemble, Symphonic Band, solos, ensembles, and All Region Band. Junior and senior band students may receive honors credit if accepted into the course of study. Qualities of social, mental and moral discipline are necessary for a successful band program. Assignment to Marching Band, Wind Ensemble, Symphonic Band, and Percussion (0706) is based on performance.

**Jazz Band** (0710)
1 credit – Grades 10-12
*Prerequisites:* Currently participating in the marching band and one performing ensemble; instructor approval



Jazz band is a course designed to explore concepts in music developed through the performance of differing jazz styles including big band, swing, modern fusion and rock. Jazz band is a performance ensemble that will participate in concerts, festivals and competitions throughout the spring semester. This course will include rehearsals and performances outside of the regularly scheduled class period that will count toward the overall class grade and will be required of all students enrolled.

# Description of Courses

- All student ***must*** have a current physical ***before*** the first day of ***practice.*** Student will be unenrolled if not on file before the first day of school.
- Students enrolling on a UIL Athletic Team are expected to enroll for one year unless they are a senior who will not participate in the 2nd semester.
- Students may be allowed to substitute one of the following physical activities for the required credits: marching band during the fall semester, drill team, cheerleading, athletics, or JROTC.
- UIL rules prohibit students from being enrolled in more than 1 period of athletics

## *Athletics*



***ATHLETIC TRAINER***

| | |
|---|---|
| YEAR 1 | 8850 |
| YEAR 2 | 8865 |
| YEAR 3 | 8875 |
| YEAR 4 | 8885 |
| YEAR 5 | 8890 |

***BASEBALL***

| | |
|---|---|
| YEAR 1 | 8350 |
| YEAR 2 | 8365 |
| YEAR 3 | 8375 |
| YEAR 4 | 8385 |
| YEAR 5 | 8390 |

***BASKETBALL***

| | ***BOYS*** | ***GIRLS*** |
|---|---|---|
| YEAR 1 | 8050 | 8100 |
| YEAR 2 | 8065 | 8115 |
| YEAR 3 | 8075 | 8125 |
| YEAR 4 | 8085 | 8135 |
| YEAR 5 | 8090 | 8140 |

***GOLF***

| | BOYS | GIRLS |
|---|---|---|
| YEAR 1 | 8450 | 8500 |
| YEAR 2 | 8465 | 8515 |
| YEAR 3 | 8475 | 8525 |
| YEAR 4 | 8485 | 8535 |
| YEAR 5 | 8490 | 8540 |

***CHEER***

| | |
|---|---|
| YEAR 1 | 8750 |
| YEAR 2 | 8765 |
| YEAR 3 | 8775 |
| YEAR 4 | 8785 |
| YEAR 5 | 8790 |

***CROSS COUNTRY***

| | ***BOYS*** | ***GIRLS*** |
|---|---|---|
| YEAR 1 | 8250 | 8300 |
| YEAR 2 | 8265 | 8315 |
| YEAR 3 | 8275 | 8325 |
| YEAR 4 | 8285 | 8335 |
| YEAR 5 | 8290 | 8340 |

***FOOTBALL***

| | |
|---|---|
| YEAR 1 | 8000 |
| YEAR 2 | 8015 |
| YEAR 3 | 8025 |
| YEAR 4 | 8035 |
| YEAR 5 | 8040 |

***SOCCER***

| | ***BOYS*** | ***GIRLS*** |
|---|---|---|
| YEAR 1 | 8650 | 8700 |
| YEAR 2 | 8665 | 8715 |
| YEAR 3 | 8675 | 8725 |
| YEAR 4 | 8685 | 8735 |
| YEAR 5 | 8690 | 8740 |

***SOFTBALL***

| | |
|---|---|
| YEAR 1 | 8400 |
| YEAR 2 | 8415 |
| YEAR 3 | 8425 |
| YEAR 4 | 8435 |
| YEAR 5 | 8440 |

***SWIM***

| | |
|---|---|
| YEAR 1 | 8550 |
| YEAR 2 | 8565 |
| YEAR 3 | 8575 |
| YEAR 4 | 8585 |
| YEAR 5 | 8590 |

***TENNIS***

| | |
|---|---|
| YEAR 1 | 8600 |
| YEAR 2 | 8615 |
| YEAR 3 | 8625 |
| YEAR 4 | 8635 |
| YEAR 5 | 8640 |

***TRACK***

| | ***BOYS*** | ***GIRLS*** |
|---|---|---|
| YEAR 1 | 8150 | 8200 |
| YEAR 2 | 8165 | 8215 |
| YEAR 3 | 8175 | 8225 |
| YEAR 4 | 8185 | 8235 |
| YEAR 5 | 8190 | 8240 |

***VOLLEYBALL***

| | |
|---|---|
| YEAR 1 | 8825 |
| YEAR 2 | 8833 |
| YEAR 3 | 8837 |
| YEAR 4 | 8843 |
| YEAR 5 | 8845 |

# *Fitness and Wellness*

**Foundations of Personal Fitness** (0835)
1 credit – 9
*Prerequisites:* None



This course represents a new approach in physical education and the concept of personal fitness. The purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class.

**PE Individual/Team Sports** (8910)
1 credit – Grades 10-12
*Prerequisites:* None



Students are expected to participate in a wide range of individual sports that can be pursued for a lifetime. Students continue to develop health-related fitness initiated in the Foundations of Personal Fitness course, through the selection of individual sport and lifetime activities. Enjoyment is a major objective of this course.

**Aerobic Activities** (8930)
1 credit – Grades 10-12
*Prerequisites:* None



Students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically active lifestyle. A major expectation of this course is for the student to design a personal fitness program using aerobic activities as a foundation.

**P.E. – Yoga** (8940)
1 credit – Grades 10-12
*Prerequisites:* None



This course provides students with instruction in the basics of Yoga. While meeting all of the P.E. TEKS, students learn current practices in this motivating area of fitness and exercise.

**Adventure/Outdoor Education** (8945)
1 credit – Grades 10-12
*Prerequisites:* None



Students enrolled in adventure outdoor education develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Students will develop competency in two or more outdoor education activities. Activities may include backpacking, camping, hiking, and water sports/safety.

**Drill Team** (Stowaways Year 1) (8795)
1 credit - Grades 9-12
*Prerequisite:* Audition for placement



The student will develop an awareness of the body's movement and apply fitness principles to dance. Choreographic processes will be used to demonstrate an understanding of cultural, historical, and artistic diversity. Performance is required.

**Cheer** (8750, 8760, 8775, 8785, 8790)
1 credit – Grades 9-12
*Prerequisite:* Tryouts required



# *MJROTC*

Leadership Education is based upon the tenants of Marine Corps leadership: to teach and develop a sense of citizenship, responsibility, discipline and character. Throughout the program, the Leadership Education curriculum is presented by way of five different categories of instruction: (1) Leadership (2) Citizenship (3) Personal Growth and Responsibility (4) Public Service and Career Exploration, and (5) General Military Subjects. The curriculum reflects two fundamental aspects. Leadership studies teach Leadership and Citizenship whereas the Leadership Labs allow student to apply that knowledge.

If a student successfully completes all four JROTC courses, a Public Services Endorsement can be earned.

**MCJROTC I** (0501)
1 elective or 1 P.E. credit - Grades 9-12
*Prerequisites:* None



This first unit of the Leadership Education provides an introduction to both leadership and citizenship. It also exposes new cadets to personal growth and responsibility and establishes a foundation in military structure and tradition. Additionally, cadets participate in a healthy physical education program and are first exposed to the teamwork required in organized drill.

**MCJROTC II** (0502)
1 elective or 1 PE credit – Grades 10-12
*Prerequisite:* LE-1

This course continues the leadership and citizenship classes of LE-1. Students receive instruction in general military subjects with more structure and tradition than in LE-1. Cadets also receive an introduction to the exciting sport of marksmanship. LE-2 begins a cadet's orienteering training with map and compass.

# *Career and Technical Education*

**SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM)**

Project Lead the Way (PLTW) is an Engineering program that promises to build our science, technology and math programs in GISD. PLTW is about learning real skills, solving real problems, and making real discoveries about the world. By working with your classmates, teachers, and parents, you can help create a learning experience unlike any other.
In PLTW classes, you work hands-on with technology that other students only read about. Instead of listening to a lecture about scientific principles and theories, you get to put them to the test in fun, exciting ways. You will build contraptions, learn about drafting and graphic design on the computer, use real lab equipment, and have fun while you are doing it. A PLTW class is the first step on your life's journey of imagination, innovation, and discovery. Start building a better world—and a better you—today.
To learn more about Project Lead the Way, go to www.pltw.org

**Introduction to Engineering Design (IED)** (9750)
1 credit – Grades 09-12
*Prerequisites*: None

Introduction to Engineering Design™ is the first of 5 Pre-Engineering courses that will give students a hands-on problem solving approach to the math and science concepts encountered in the Engineering fields. Students will use design development processes while enriching problem solving skills; students create and analyze models using specialized computer software. The Computer Aided Design component of the course will be taught primarily using Autodesk Inventor. ***Dual credit can be earned.***

**Principles of Engineering (POE)** (9755)
1 credit – Grades 10-12
*Prerequisite*: Intro to Engineering Design (IED)

Principles of Engineering (POE) exposes students to some of the major concepts they will encounter in a postsecondary engineering course of study as well as other high tech careers. POE gives students the opportunity to develop skills and understanding of course concepts through activity, project, and problem based learning. Used in combination with a teaming approach, POE challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education. ***Dual credit can be earned.***

**Problems and Solutions in F1 in Schools** (9790)
1 credit – Grades 10-12
*Prerequisites:* IED and concurrent enrollment in POE

This class is reserved for students interested in competing and supporting the F1 in Schools team.
building a better world—and a better you—today. To learn more about Project Lead the Way, go to www.pltw.org.

# *Career and Technical Education*

**PUBLIC SERVICES – HEALTH SCIENCE**

**Medical Terminology** (9455)
½ credit – Grades 10-12
*Prerequisites*: None



This course is designed to introduce students to the structure of medical terms, including prefixes, suffices, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. This course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. The student is expected to demonstrate communication skills using the terminology applicable to the health science industry.

**Principles of Health Science** (9450)
½ credit – Grades 10-12
*Prerequisite*: Medical Terminology



Medical Terminology (Fall) and Principles of Health Science (Spring) are the first year in a series of three years of health science courses. These courses provide a foundation in health science careers. Principles of Health Science includes an overview of anatomy and physiology, diseases, disorders, health and wellness, diagnostics and biotechnology systems of the health care industry.

**Health Science Clinical Rotations** (9460)
2 credits – Grades 10-12
*Prerequisite*: Principles of Health Science and Medical Terminology



This course is designed to provide for the development of advanced knowledge and health care skills related to a wide variety of health careers. This course includes learning patient care skills such as first aid, vital signs, CPR/AED, range of motion, and activities of daily living, as well as the subjects of safety, team building, problem-solving, and ethical and legal responsibilities. Students will have hands-on experience in clinical settings, including various patient care departments within the hospital and other health care facilities.

# Career and Technical Education

**PUBLIC SERVICES – EDUCATION AND TRAINING**

**Child Development** (9560)
½ credit – Grades 10-12
*Prerequisites*: None
*Partners with Interpersonal Studies*



This course addresses knowledge and skills related to child growth and development from prenatal through school-age children. Students will become equipped with child development knowledge that can be used to promote the well-being and healthy development of children and to investigate careers related to the care and education of children.

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**Interpersonal Studies** (9565)
½ credit – Grades 10-12
*Prerequisites*: None
*Partners with Child Development*



This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services

# Career and Technical Education

**PUBLIC SERVICES – LAW, PUBIC SAFETY, CORRECTIONS AND SECURITIES**

**Principles of Law, Public Safety, Corrections, and Security** (9645)
1 credit – Grades 10-12
*Prerequisites*: None



Do you like to watch Cops, The First 24, or CSI television series? If you are interested in learning more about the law, then these courses in Law/Public safety are for you. This class introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – AGRICULTURE, FOOD, AND NATURAL RESOURCES**

**Principles of Agriculture, Food & Natural Res**. (9000)
1 credit – Grades 09-12
*Prerequisites*: None

Agriculture feeds and clothes the world! Learn about all aspects of agriculture including animals, horticulture, natural resources, and green energy. This foundational class introduces FFA and various leadership opportunities and competition within the ag program. Students do not have to raise an animal to be a part of the ag program.

**Livestock Production** (9005)
1 credit – Grades 10-12
*Prerequisites*: Principles of Agriculture, Food & Natural Resources

Got stock show? This course teaches basic animal care including immunizations, feeding schedules and animal showmanship. This one year course builds the foundation for Veterinary Medicine and strengthens large animal care skills. Large animal anatomy and physiology, genetics, reproduction and livestock disease are a part of the curriculum.

**Small Animal Management** (9008)
1 credit – Grades 10-12
*Prerequisites:* Principles of Ag

Do you love dogs, cats and other small animals? This is one year course builds a foundation in small animal care and veterinary medicine. Students will be guided through a canine handler's certification program and can earn a certification through the AKC. Students will have access to small animals on a daily basis and must not be allergic to pets. **Canine Handler's Certification may be offered.**

**AG MECHANICS / WELDING**

**Agricultural Mechanics & Metal Tech. (**9050)
1 credit – Grades 10-12
*Prerequisites*: Principles of Agriculture, Food and Natural Resources

Have you ever wanted to build a pipe fence, a trailer, deer blind or smoker? This is the first year in a series of three welding courses that will help you gain the skills to build and weld these things. This course develops an understanding of safety, tool operation, and metal working techniques. Students will be expected to use the cutting torch and MIG welders.

**Equine Science (9350)**
½ credit – Grades 10-12
*Prerequisite*: Principles of Agriculture, Food and Natural Resources

Interested in raising horses or competing in rodeos? This course focuses on selection, anatomy, nutrition, and health management of horses. This course is recommended for students interested in Horse Judging Competition. Competition skills/knowledge will be practiced.

**Wildlife, Fisheries & Ecology Management** (9360)
½ Credit – Grades 10-12
*Prerequisite*: Principles of Agriculture, Food and Natural Resources

Are you an outdoor enthusiast? If you enjoy hunting, fishing, and other outdoor activities, this class will interest you. Wildlife, natural resources, fish, aqua crops, and ecology will be studied. Hunter Safety exam preparation and certification is a part of the curriculum. The Texas exam must be passed to earn the certification. **Texas Hunter Education may be offered.**

**Principles & Elements of Floral Design** (9365)
1 credit – Grades 10-12
*Prerequisites*: None
***FINE ARTS CREDIT OPTION**

Bloom where you are planted! Start your semester with homecoming mum designs and learn how to make a profit with your talents. Discover art within natural elements and use your talent to create beautiful floral arrangements. This class teaches a variety of floral skills and horticulture development while applying artistic design. Students will have the opportunity to earn a floral certification. **Texas State Floral Certification may be offered.**

**Professional Standards in Agribusiness** (9070)
1 credit – Grades 10-12
*Prerequisites: Officer Election and Instructor Approval*

This course primarily focuses on leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness. This class is intended for FFA officers and will be used to complete FFA duties and tasks associated with the agricultural program.

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – ARTS AND AV**

**GRAPHICS TRACK**

**Graphic Design** (9150)
1 credit – Grades 10-12
*Prerequisites*: None

Are you interested in a future in graphic design? Do you ever look at magazines and wonder how they make photographs look so amazing. If so graphic design may be for you. In this fast paced class, students will analyze current and emerging technologies, while designing and creating graphic projects that address customer needs and industry standards. Students will learn how to create graphics while learning color theory, art principles, and layout and design concepts. Students will work with Adobe software programs Photoshop and Illustrator.**Adobe Certification may be offered.**

**VIDEO TRACK**

**Principles of Arts and AV** (9200)
½ credit – Grade 9
*Prerequisites*: None

This is a lab-oriented course that introduces students to the fundamentals of the Video and Graphics industries. Students use video camcorders and editing software as they learn to write, produce and edit a video production. Graphics for video and multimedia production will also be emphasized.

**Audio Video Production** (9205)
1 credit – Grades 10-12
*Prerequisites*: None

This is a hands-on class where students learn the basics of audio and video production. Students will learn camera operation, editing, directing, reporting, producing, writing and newsgathering while creating a variety of video projects that will air on GHS news. The class utilizes various video cameras, microphones, mixers and lighting equipment, along with Adobe's Premiere Pro Creative Suite editing software. Students in this class will be responsible for GHS video announcements.

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – BUSINESS MANAGEMENT AND ADMINISTRATION**

**Principles of Business, Marketing, and Finance (**9505)
½ credit – Grades 09-12
*Prerequisites*: None

Have you ever thought about owning your own business? This class examines the foundations of small business management including product sales, advertising, and financial management. Learn about the small business world through projects, guest speakers, and relevant activities.

**Accounting I** (9405)
1 credit – Grades 10-12
*Prerequisites*: None

**The FBI** wants **you**.....all Accounting majors. One of the leading government agencies has an "ALL-CALL" out for accounting majors to fill their positions involving "white-collar" crime. If this interests you, then YOU need to register for Accounting 1 next year. This course also affords you the opportunity to try out for the three-time **UIL State Winning Accounting Team** at Granbury High School. Our Accounting Team is held in very high esteem throughout the state. Accounting is known as the "language of business"....learn how financial records are a part of everyone's life and everything in the business world revolves around ACCOUNTING. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information.

**Global Business** (9260)
½ credit – Grades 10-12
*Prerequisites*: None
Partners with Banking and Financial Services

Ever dream of international travel or living in another country? Global business will teach you the ways of the world and how the international market interacts together. Students will study a variety of cultures and how their business laws and traditions impact global decisions. Social, ethical, technical and international workplace skills will be developed.

**Business Information Management** (9250)
1 credit – Grades 09-12
*Prerequisites*: None

Strengthen your resume and learn thorough instruction of the Microsoft Office Suite, including Word, Excel, Power Point, Access, Outlook and Publisher. This class offers the necessary skills required in all workplace settings as well as provide college-ready skills. Develop your basic knowledge into expert skills.

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# *Career and Technical Education*

**BUSINESS AND INDUSTRY – MARKETING**

**Principles of Business, Marketing, and Finance (**9505)
½ credit – Grades 09-12
*Prerequisites*: None

Have you ever thought about owning your own business? This class examines the foundations of small business management including product sales, advertising, and financial management. Learn about the small business world through projects, guest speakers, and relevant activities.

**Advertising and Sales Promo** (9705)
½ credit – Grades 10-12
*Prerequisites:* None
Partners with Sports/Ent Marketing

Advertising and Sales will teach you the essentials of marketing a product and making a profit. Creative sales strategies and advertising models will help businesses maximize their success. This is a great course to learn to grow a small business and offers an outgoing the opportunity to learn how to market products and services.

**Sports and Entertainment Marketing** (9710)
½ Credit – Grades 10-12
*Prerequisites:* Advertising and Sales
Partners with Advertising and Sales

Have you ever dreamed of working with athletes and celebrities? This growing market of professional management will teach you the steps in working in the fast-paced business. This is a great class for sports enthusiasts and those interested in following the entertainment industry. If you are interested in being an agent, an event planner, or want to learn more about this industry, come learn the various stages of sports and entertainment marketing.

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – INFORMATION TECHNOLOGY**

**Principles of Information Technology (**9630)
½ credit – Grade 09-11
*Prerequisites*: None

Technology Careers are one of the fast growing job opportunities today. This course offers a foundational overview of the opportunities available in technology. Students will learn about computer hardware and software, basic computer programming, app design, networking, graphics and internet search resources. All of these technology skills will use Microsoft Office products as a foundational springboard.

**Web Technologies** (9605)
½ credit – Grades 10-12
*Prerequisites*: None
*Partners with Virtual Business*

Want to build a website and learn to enhance a personal blog site? Website construction and maintenance are tools that will be learned in this class. As a computer-based class, students have daily hands-on activities and projects to build HTML, XHTML and CSS skills/knowledge. Adobe Dreamweaver, Flash, Fireworks, and Photoshop foundations are learned. ***This course is only offered in the fall Semester.***

**Virtual Business** (9610)
½ Credit – Grades 10-12
*Prerequisites*: Web Technologies

Build your own website from beginning to end. After learning the foundations of website construction in Web Technologies, you will be able to implement learned skills and publish your own website. Building a "virtual" or online business will be one of several applicable projects that will be covered. True business skills necessary for success in today's modern society will strengthen your resume. **Adobe Dreamweaver Certification may be offered.** ***This course is only offered in the spring Semester.***

**Computer Programming and Video Game Design** (9620)
1 credit – Grades 10-12
*Prerequisites:* None

This is a beginning computer programming class which will provide foundational skills in C++ and Java languages. Students will acquire knowledge of structured programming techniques and concept appropriate to developing executable programs and creating appropriate documentation. Fundamental video game design concepts will be studied. Weatherford College Technical Credit can be earned.

**Computer Maintenance** (9635)
1 credit – Grades 10-12
*Prerequisites*: None

This course is designed to provide students with the necessary skills to diagnose and repair computers and peripherals in a networked environment. The student will study the current software and hardware environment at Granbury High School. Students will learn to diagnose and repair the common problems associated with personal computers and any large area network. This course will provide technological real world employability skills in a fast paced, demanding industry and also to provide qualified student technicians to the area and community.

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – HOSPITALITY AND TOURISM**

**Principles of Hospitality and Tourism** (9500)
½ credit – Grades 10-12
*Prerequisites*: None
*Partners with Travel & Tourism Management*

The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry. Students are encouraged to participate in extended learning experiences such as CTE student organizations and other leadership or extracurricular organizations.

**Travel and Tourism Management** (9520)
½ credit – Grades 10-12
*Prerequisites* :None
*Partners with Principles of Hospitality and Tourism*

Students will continue the study of hospitality and tourism with a management focus. Students will research travel and tourism throughout the world and will compare/contrast lodging styles, travel options, entertainment choices, and learn how to create a full travel package, including an itinerary and budget. If you enjoy travel and dreaming of vacations, this class is for you.

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – TRANSPORTATION, DISBRIBUTION AND LOGISTICS**

**Principles of Transportation, Distribution, and Logistics**
(9800)
1 credit – Grades 10-12
*Prerequisites*: None



Do you like to work with your hands and figure out how things work? The Auto Tech series of courses allows students to troubleshoot and learn how mechanical systems work together. This first year course introduces students to the business and industry of transportation careers. Students will learn to understand the interaction between various vehicle systems and will practice safe shop practices. Foundational logistics and distribution services will be studied as students study a global plan of moving goods and services.

# *Other Electives*

**VOCATIONAL ADJUSTMENT CURRICULUM**

Students receiving ARD Committee approval and who are at least 16 years of age will be provided the opportunity to participate in a cooperative work study program.

**EOC PREPARATION**

Students needing additional help preparing for EOC exams will be provided opportunities to meet individual testing needs.

# Planning Tool

Student Name:_____

Date:_____

## GISD Planning Tool

**Grad Yr. _____ Endorsement:_____**

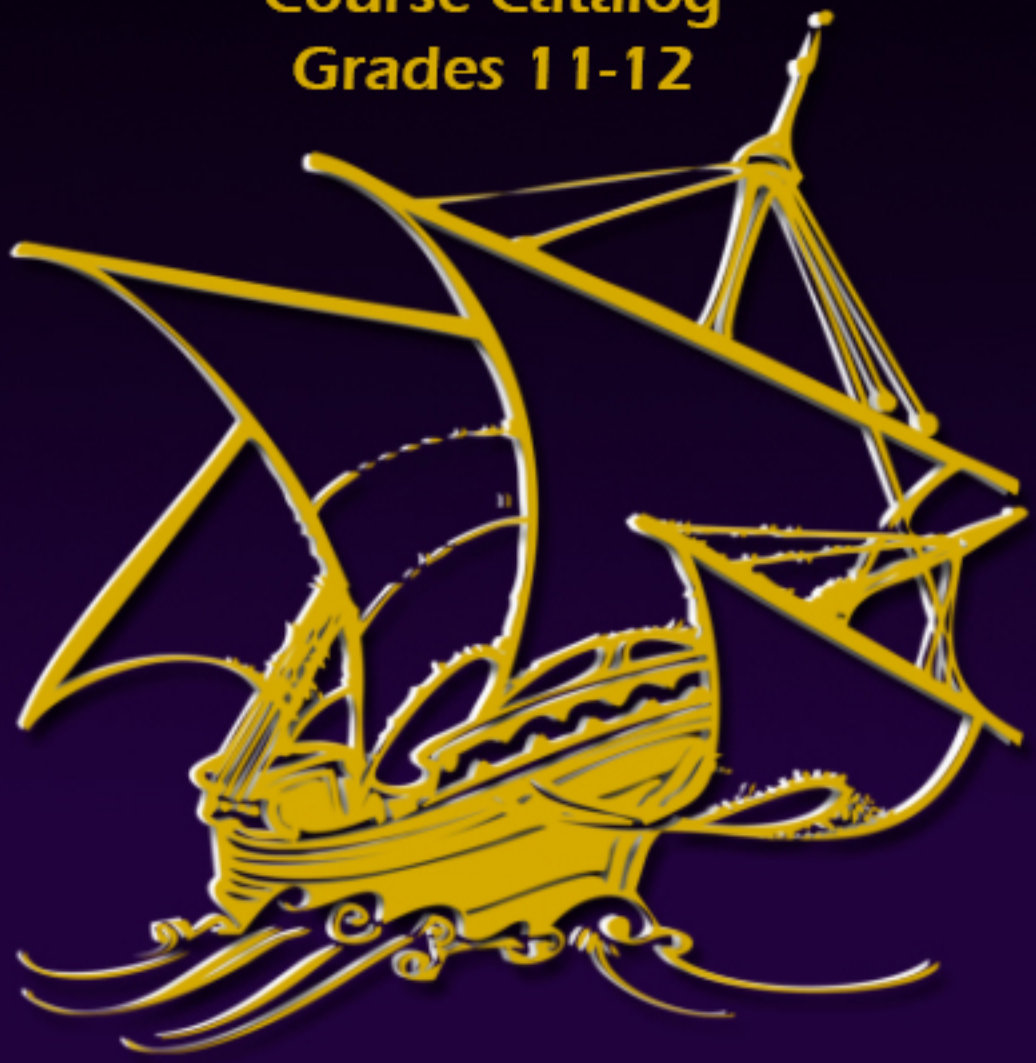
***Algebra 2 is required for Distinguished Achievement and STEM***

| SUBJECT AREA | GRADE 8 | S 1 | S 2 | GRADE 9 | S 1 | S 2 | GRADE 10 | S 1 | S 2 | GRADE 11 | S 1 | S 2 | GRADE 12 | S 1 | S 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENGLISH—4 cr** | ___ English 1 | | | ___ English 1<br>___ Eng 2/PreAP | | | ___ English 2/PreAP<br>___ English 3/AP/DC<br>___ English 4/AP/DC<br>___Other | | | ___ English 3/AP/DC<br>___ English 4/AP/DC<br>___ DC Brit Lit/Tech Writing<br>___Creative Writing | | | ___ English 4 AP/DC<br>___ DC Brit Lit/Tech Writing<br>___Creative Writing<br>___Speech | | |
| **MATH—3 cr**<br>***Math Models must be taken prior to Algebra 2** | ___ Algebra 1 | | | ___ Algebra 1<br>___ Geom/PreAP | | | ___ Geom/PreAP<br>___ Algebra 2/PreAP<br>___ Other: | | | ___ Geometry<br>___ Math Models<br>___ Algebra 2/PreAP<br>___ Pre Cal/PreAP<br>___ DC Alg/DC Cont Math<br>___ Statistics<br>___ Algebraic Reasoning | | | ___ Geometry<br>___ Algebra 2<br>___ AQR<br>___ Pre Cal/PreAP<br>___ AP Cal<br>___ AP Stats<br>___ DC Alg/DC Cont Math<br>___ Statistics<br>___ Algebraic Reasoning<br>___ Engineering Math | | |
| **SCIENCE—3 cr**<br>***IPC must be taken prior to Chemistry and Physics for a Recommended Diploma.** | | | | ___ Biology/PreAP<br>___ IPC | | | ___ IPC<br>___ Biology/AP<br>___ Conceptual Physics<br>___ AP Physics 1<br>___ Chemistry/PreAP | | | ___ Conceptual Physics<br>___ AP Physics 1 or 2<br>___ Chemistry/PreAP<br>___ AP Chem<br>___ Other: | | | ___ Chemistry<br>___ Conceptual Physics<br>___ Anat & Phys<br>___ AP/DC Bio<br>___ AP Chemistry<br>___ AP Physics 1 or 2<br>___ Other: | | |
| **SOCIAL STUDIES**<br>**2½ cr + ½ cr for Economics** | | | | ___ World Geo/PreAP | | | ___ World Geo<br>___ World History/AP<br>___ US History/AP/DC | | | ___ US History/AP/DC<br>___ Other: | | | ___ US Gov/AP/DC<br>___ Economics/AP<br>___ Other: | | |
| **FOREIGN LANG**<br>**2 cr Rec/Found**<br>**3 cr DAP**<br>***Must be 2 years of the same language** | ___ Spanish 1<br>___ AP Spanish 4 | | | ___ Spanish 1 or 2<br>___ AP Spanish 5<br>___ French 1<br>___ ASL 1 | | | ___ Span 1, 2, or Pre AP3<br>___ AP Span 5<br>___ ASL 1 or 2<br>___ French 1 or 2 | | | ___ Span 1, 2, or PreAP3<br>___ AP Span 4 or 5<br>___ ASL 1, 2, or 3<br>___ French 1, 2, or PreAP3 | | | ___ Span 1, 2, or PreAP3<br>___ AP Span 4 or 5<br>___ ASL 1,2, or 3<br>___ French 1, 2, or PreAP 3<br>___ AP French 4 | | |
| **PE EQUIV 1 cr** | ___ Ath ___ PE | | | ___ PE or Equiv | | | ___ PE or Equiv | | | ___ PE or Equiv | | | ___ PE or Equiv | | |
| **FINE ARTS—1 cr** | ___ Band Choir<br>___ Art<br>___ Theatre Arts | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/Tech TH | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/Tech TH | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/Tech TH | | |
| **5 Endorsement** | ___ GTT | | | | | | | | | | | | | | |
| **ELECTIVES—** | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| **TOTAL CREDITS:** | | | | | | | | | | | | | | | |

2015-2016

# Granbury High School

## Course Catalog
## Grades 11-12




Granbury High School
2000 West Pearl St.
Granbury, Texas 76049
817-408-4600
http://granburyisd.org

# Our Vision

## GISD Mission

Our mission, in collaboration with unique partnerships, is to provide a rigorous academic curriculum along with enriching and individualized opportunities empowering every student to compete in an ever-changing world.

*Cover designed by Ethan Pilot, GHS Class of 2017.*

# 2015-2016

# Junior and Senior Course Catalog

*Granbury High School Students,*

*We are very pleased to present this Pirate Course Catalog. Please use it as a guide for designing a successful academic path at Granbury High School. As you choose your classes, consider your future very purposefully. Do you plan to enter college, a technical school, serve in the armed forces, or move directly into a chosen career upon your graduation from GHS? You will need to be enrolled in the courses our state has mandated, and choose electives that will lead you to your future goals.*

*Granbury Independent School District is committed to guiding you in helping make your future goals a reality. The career clusters will assist you in selecting the courses and programs that will best serve your needs. You will be able to identify a career area of interest and develop an academic plan to support your choices. Activities and electives will be reflective of your chosen career area.*

*You are to select one of the Achieve Texas Career Clusters prior to your freshman year of school. A four-year plan will be established to support your choice and be evaluated annually. We will do our best to schedule you for the classes you have carefully chosen within the pathway. If a conflict is unavoidable, we will consider every option that is focused on your success.*

*We look forward to the coming school year and want it to be a positive building block in your future. We are joining with your parent/guardian to form a partnership promoting your educational success. We encourage you to become and remain an active member of our campus life. Consider joining one of our many clubs and organizations. We are committed to excellence and your academic success now and in the future!*

**Jeremy Ross**
Principal
Granbury High School

***INCLUDES COURSES OFFERED AT BOTH CROSSLAND NINTH GRADE CENTER AND GRANBURY HIGH SCHOOL***

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# General Information

***Grade Classification:***
After the ninth grade, students are classified according to the number of credits earned toward graduation. Reclassifications are made at the beginning of each school year.

| Credits Earned | Grade Classification |
|---|---|
| 6 | 10th(Sophomore) |
| 12 | 11th(Junior) |
| 17 | 12th(Senior) |

***Class Load:***
All students ***must*** take a full class load each semester.

***Schedule Changes:***
Course selections made during pre-registration are considered ***final***. Any request for a change in course after spring pre-registration must be made in writing. Students may not drop or add a course after ***five class days***. The random changing of courses at the beginning of school will not be honored due to the effect these changes have on classroom enrollment and the disruption of classroom instruction.
***When a student selects a course, he/she is expected to complete it.***

NOTE: A course dropped after the change period may be recorded as an F.

***Dual Credit Courses:***
Students who are exempt or have passed one of the tests under the Texas Success Initiative (TSI) may register for concurrent college and high school credit in selected courses offered by cooperating colleges. The student is responsible for paying tuition, books and any fees, which are required by the college for credit and negotiated with Weatherford College. Dual credit courses will be offered pending arrangements with colleges for onsite instructors. Students can only earn 29 hours of college credit at GHS.
If you pre-register for a dual credit class, register to take the TSI test. You must take the test before you enroll in college courses ***unless you are exempt*** by your SAT or ACT scores.
The exemption policy is posted in all English classes and in the Counseling Office. See your Counselor if you have questions.
***You must provide proof of the scores or exemption by the GHS registration date in August or you will be removed from the dual credit classes.***
**It is the student's responsibility to contact the college(s) to find out which dual credit courses will transfer or the AP test score required to earn college credit.

***Testing Requirements:***
Students will be required to demonstrate success on the following End-of-Course exams to meet graduation requirements: Algebra 1, English 1, English 2, Biology, and United States History.

***Scheduling:***
Granbury ISD operates on a traditional 7-period schedule. Each semester is divided into three six-week grading periods. Progress reports are provided every three weeks, with report cards distributed at the end of each six-week period.

***Registration Information:***
- Counselors will schedule academic conferences with students and parents to ensure proper academic placement. These conferences will begin in January and end by spring break.
- Teachers/staff are hired, and the master schedule is set, including class sizes, according to student selections. Staffing needs are dependent upon the integrity of this process.
- Courses listed in the catalog are subject to student selection patterns and staffing availability and though offered, may not actually become a part of the schedule.

***Registration Instructions:***
1. **Determine Graduation Plan** (Foundation, Recommended, or Distinguished). If **Foundation**, select **endorsement.**
2. **Update your four-year plan** using your selected graduation plan.
3. **Choose the courses** necessary to complete your schedule for next year. Be sure to **choose three alternative** elective courses.
4. Be sure to have your **parent/guardian sign** your course selection sheet.
5. High school students who are concurrently enrolled at **Weatherford College** need to see their guidance counselor for academic advising.

# Graduation Requirements

## 4 X 4 Graduation Plans

The following requirements apply to students first entering the 9th grade in the fall of 2010 through the fall of 2013.

### 26-Credit Recommended High School Program

**ENGLISH……..……..4**
Must consist of English I, 2, 3, and 4 (ESOL 1 and 2 may be substituted appropriately).

**MATHEMATICS……..……..4**
Must include Algebra 1, Geometry, Algebra 2 and at least one course from the following:

- Math Models with Application – must be completed prior to Algebra 2
- A math course with Algebra 2 as a prerequisite

**SCIENCE……..……..4**
Three credits must consist of Biology, Chemistry, Physics, and at least one course from the following

- IPC – must be completed prior to Chemistry and Physics
- An additional lab-based science course.

**SOCIAL STUDIES……..……..4**
Must include US History, one-half credit Government, one-half credit Economics, World History, and World Geography

**OTHER LANGUAGES……..……...2**
Must consist of 2 levels in the same language

**FINE ARTS……..……...…1**
Choir, Band, Dance, Art, Theatre Arts, Principles & Elements of Floral Design

**PHYSICAL EDUCATION……..……...1**
May include Athletics or PE (up to 4 credits), Drill Team 1, JROTC 1, Cheerleading, the fall semesters of Marching Band

**SPEECH……..……..……..…..0.5**
**ELECTIVES……..……..…..5.5**

**TOTAL CREDITS……..……..….26**

**STATE ASSESSMENT PERFORMANCE**
In addition to the credit requirements as listed above, students who entered the 9th grade in 2011 and after must meet passing standards on English 1, English, Algebra 1, Biology, and U.S. History EOC Exams.

### 26-Credit Distinguished High School Program

**ENGLISH……..……..4**
Must consist of English I, 2, 3, and 4 (ESOL 1 and 2 may be substituted appropriately).

**MATHEMATICS……..……..4**
Must include Algebra 1, Geometry, Algebra 2 and at least one course with Algebra 2 as a prerequisite.

**SCIENCE……..……..4**
Three credits must consist of Biology, Chemistry, Physics, and at least one additional lab-based science course. (IPC will not satisfy this requirement.)

**SOCIAL STUDIES……..……..4**
Must include US History, one-half credit Government, one-half credit Economics, World History, and World Geography

**OTHER LANGUAGES……..……...3**
Must consist of 3 levels in the same language

**FINE ARTS……..……...…1**
Choir, Band, Dance, Art, Theatre Arts, Principles & Elements of Floral Design

**PHYSICAL EDUCATION……..……...1**
May include Athletics or PE (up to 4 credits), Drill Team 1, JROTC 1, Cheerleading, the fall semesters of Marching Band

**SPEECH……..……..……..…..0.5**
**ELECTIVES……..……..…..4.5**

**TOTAL CREDITS……..……..….26**

**STATE ASSESSMENT PERFORMANCE**
In addition to the credit requirements as listed above, students who entered the 9th grade in 2011 and after must meet passing standards on English 1 Reading and Writing, English 2 Reading and Writing, Algebra 1, Biology, and U.S. History EOC Exams.

**ADVANCED MEASURES**
In addition to the requirements listed above, DAP candidates must meet appropriate advanced measures. Work closely with your counselor to ensure these have been met.

# Graduation Requirements

## The Foundation High School Program + Endorsement

The following requirements apply to students first entering the 9th grade in the fall of 2014 and thereafter.

### FOUNDATION HIGH SCHOOL PROGRAM (FHSP)

*The 22-Credit Foundation is Required for All Endorsements*

**ENGLISH……..……..4**
Must consist of English I, 2, 3 (ESOL 1 and 2 may be substituted appropriately), and an additional/advanced English course.

**MATHEMATICS……..……..3**
Must include Algebra 1, Geometry, and an additional/advanced math course beyond Algebra 1

**SCIENCE……..……..3**
Must include one Biology credit, one credit selected from IPC, Chemistry, or Physics; and one additional/advanced science course

**SOCIAL STUDIES……..……..3**
Must include US History, one-half credit Government, one-half credit Economics, and World History **or** World Geography

**OTHER LANGUAGES……..……...2**
Must consist of 2 levels in the same language

**FINE ARTS……..…1**
Choir, Band, Dance, Art, Theatre Arts, Principles & Elements of Floral Design

**PHYSICAL EDUCATION……..1**
May include Athletics or PE (up to 4 credits), Drill Team 1, JROTC 1, Cheerleading, the fall semesters of Marching Band

**ELECTIVES……..5**

**FHSP SUBTOTAL CREDITS……..….22**

**ADDITIONAL REQUIREMENTS FOR ENDORSEMENTS**

**MATHEMATICS……1**

**SCIENCE……...1**

**ENDORSEMENT-SPECIFIC ELECTIVES……..…2**
Electives must be chosen from one of the endorsement areas of STEM, Business and Industry, Arts and Humanities, Public Services, or Multidisciplinary Studies

**TOTAL CREDITS: FHSP + ENDORSEMENT……...26**
College Board Advanced Placement and Dual Credit courses may be substituted in appropriate areas for both Foundation and Endorsement credits.

**STATE ASSESSMENT PERFORMANCE**
In addition to the credit requirements as listed above, students must meet passing standards on the following End-of-Course Exams:

- English I;
- English II;
- Algebra I;
- Biology;
- United States History

### ENDORSEMENTS

All students are required to declare an endorsement in writing. Students will be permitted to change their endorsement with written notification.

There are five endorsement options, which allow students flexibility based on individual interests and career goals. Each endorsement category is designed to prepare students to successfully enter postsecondary education or the workforce upon graduation from high school.

The endorsement and the career areas to which they correspond are as listed below:

- **STEM** – Science, including Computer Science; Technology; Engineering and Mathematics;
- **PUBLIC SERVICES** – Education and Training; Government and Public Administration; Health Science; Human Services; and Law, Public Safety, Corrections and Security;
- **BUSINESS AND INDUSTRY** – Agriculture, Food, and Natural Resources; Architecture and Construction; Business Management and Administration; Finance; Hospitality and Tourism; Information Technology; Manufacturing; Marketing; Transportation; and Journalism, including broadcast journalism, newspaper, and public speaking;
- **ARTS AND HUMANITIES** – Fine Arts; Economics with Emphasis on Free Enterprise; English Language Arts; and Languages Other than English;
- **MULTIDISCIPLINARY STUDIES** – Allows students to take courses in several endorsement areas as listed.

### RECOGNITIONS

Students have the opportunity to earn additional recognitions in the following areas.

**DISTINGUISHED LEVEL OF ACHIEVEMENT**

A student may earn a distinguished level of achievement by successfully completing all curriculum requirements for the Foundation High School Program, plus

- A fourth credit in mathematics, which must include Algebra II;
- A fourth credit in science;
- The requirements of at least one endorsement
- A student must graduate with a Distinguished Level of Achievement to be eligible for automatic admission to a Texas public college or university.

**PERFORMANCE ACKNOWLEDGEMENTS**

A student may earn a performance acknowledgement in one or more of the following categories:

- AP test score of 3 or higher ***or*** Outstanding performance on the PSAT(Commended or higher) ***or*** ASPIRE (college ready on at least 2 of 4 subject tests) ***or*** the SAT (1250) **or** the ACT (28);
- 12 hours of college credit College Grade of 3.0 or above) ***or*** Associate's Degree
- Bilingualism and biliteracy; and
- Earning a nationally or internationally recognized business or industry certification or license

# Endorsement Options

## STEM

**STEM (Science Technology Engineering Math) requires the completion of Algebra 2, Chemistry, and Physics**

***Mathematics:*** (Choose 2)
Pre-Calculus, AP Statistics, Engineering Mathematics, AP Calculus, DC Math (2 courses), Advanced Quantitative Reasoning

***Science:*** (Choose 3)
AP Physics 1, AP Physics 2, AP Biology, DC Science (2 courses), Anatomy and Physiology, Forensics, Aviation, AP Chemistry, AP Environmental, Aquatics, Environmental, Advanced Animal Science, Principles of Engineering

***Engineering:***
*Choose 2*:
Intro to Engineering Design
Principles of Engineering
*Choose 1*:
Civil Engineering and Architecture
Engineering Design and Development
*Plus one additional CTE Credit*

## ARTS AND HUMANITIES

**Arts and Humanities requires the completion of one additional mathematics course and one additional science course**

***Social Studies***: *Choose 5* credits (3 are part of FHSP)
World Geography, World History (includes AP), US History (includes AP and DC), US Government (includes AP and DC), Economics (includes AP), AP European History, Psychology, Sociology

***English:*** *Choose 4* credits
English IV (includes AP and DC), Creative Writing, Humanities, Communication Applications (1/2 credit), AP English Literature and Composition, Literary Genres

***Languages Other than English:***
*Choose 4* levels of the same language or 2 levels from 2 different languages:
- Spanish
- French
- ASL

***Dance***: Four levels of Dance

***Music***: Four levels of Music, Band, or Choir

***Theatre Arts:*** Four levels of Theatre Arts, Technical Theatre, or Theatre Production

***Art:***
Art 1 *and*
*Choose 1:*
- Art 2 Drawing
- Art 2 Painting
- Art 2 Print Design
- Art 2 Ceramics
- Art 2 Sculpture

*Choose 1:*
- Art 3 Advanced Print Design
- Pre-AP Art 3 Portfolio
- AP Art 3 Drawing
- Art 3 Photography

*Choose 1*:
- Art 4 Advanced Photography
- AP Art 4 Two-Dimensional Design

## PUBLIC SERVICES

**Public Services requires the completion of one additional mathematics course and one additional science course**

***Health Science***:
*Choose 2 credits*:
- Principles of Health Science
- Medical Terminology
- Health Science 1

*Choose 1 advanced credit*:
- Practicum in Health Science (EMT or Pharm Tech)
- Anatomy and Physiology

*Plus one additional CTE Credit*

***Education and Training***
*Choose 2 credits*:
- Child Development
- Interpersonal Studies
- Instructional Practices in Education and Training

*Choose 1 advanced credit*:
- Human Growth and Development
- Practicum in Education and Training

*Plus one additional CTE Credit*

***Law Public Safety, Corrections, and Securities:***:
*Choose 2 credits*:
- Principles of Law, Public Safety, Corrections, and Securities
- Law Enforcement I

*Choose 1 advanced credit*:
- Law Enforcement II
- Forensic Science
- Forensic Psychology

*Plus one additional CTE Credit*

***JROTC***
Four courses in JROTC

## MULTIDISCIPLINARY STUDIES

**Multidisciplinary Studies requires the of completion one additional mathematics course and one additional science course**

***4 Advanced Courses:***
*Choose 4* Advanced Courses from
- AP Courses
- DC Courses
- Other Advanced Courses not in a coherent sequence

***4 Advanced Placement or Dual Credit Courses:***
*Choose 4* AP/DC Courses from:
- One AP/DC English Course
- One AP/DC Math Course
- One AP/DC Social Studies Course
- One AP/DC Science Course
- One AP/DC Languages other than English
- One AP/DC Fine Arts

***4 Credits in Foundation Areas:***
*Choose 4* Advanced Courses from
- English 4
- Chemistry
- Physics
- Additional Math
- Additional Social Studies

# Endorsement Options

## BUSINESS AND INDUSTRY

**Business and Industry requires the completion of one additional mathematics course and one additional science course**

***Agriculture, Food and Natural Resources***:

*Choose 2* credits from:
- Principles of Ag, Food, and Natural Resources
- Livestock Production
- Small Animal Management
- Ag Mechanics and Metal Tech
- Equine Science
- Wildlife, Fisheries, and Ecology Management
- Principles and Elements of Floral Design

*Choose 1* credit from:
- Veterinary Medical Applications
- Advanced Animal Science
- Agricultural Facilities Design and Fabrication
- Practicum in Ag, Food, and Natural Resources

*Plus one additional CTE credit*

***Arts A/V Technology:***

*Choose 2* credits from:
- Principles of Arts and A/V
- Animation+
- Audio Video Production
- Graphic Design and Illustration
- Commercial Photography
- Professional Communications

*Choose 2* credits from:
- Advanced Graphic Design and Illustration
- Advanced A/V Production
- Practicum in A/V Production
- Practicum in Graphic Design and Illustration

***Business Management and Administration:***

*Choose 2* credits from:
- Principles of Business, Marketing, and Finance
- Banking and Financial Services
- Accounting 1
- BIM

*Choose 1* advanced credit from:
- Global Business
- Virtual Business
- Web Technologies
- Accounting II

*Plus one additional CTE credit*

***Marketing:***

*Choose 2* credits from:
- Advertising and Sales Promo
- Entrepreneurship
- Sports and Entertainment Marketing

*Choose 1* advanced credit from:
- Marketing Dynamics

*Plus one additional CTE credit*

## BUSINESS AND INDUSTRY *cont.*

**Business and Industry requires the completion of one additional mathematics course and one additional science course**

***Information Technology***:

*Choose 1 ½* credits from:
- Principles of Information Technology
- Computer Maintenance
- Computer Programming

*Choose 2* advanced credits from:
- Computer Technician
- Advanced Computer Programming

*Plus ½ additional CTE credit*

***Hospitality and Tourism***:

*Choose 2* ***credits*** from:
- Principles of Hospitality and Tourism
- Restaurant Management
- Travel and Tourism
- Lifetime Nutrition and Wellness

*Choose 1* advanced ***credit*** from:
- Culinary Arts

*Plus one additional CTE credit*

***Transportation, Distribution, and Logistics***:

*Choose 2* credits from:
- Principles of Trans, Distribution, and Logistics
- Automotive Technology

*Choose 1 advanced* credit from:
- Advanced Automotive Technology
- Collision Repair and Refinish

*Plus one additional CTE credit*

***Advanced Journalism/Yearbook:***

*Choose 3* courses from:
- Journalism/Yearbook 1
- Journalism/Yearbook 2
- Journalism/Yearbook 3

*Choose 1* additional English Course

***Public Speaking:***

*Choose 3* courses from:
- Debate 1
- Debate 2
- Debate 3

*Choose 1* additional English Course

# Associate's Degree Concurrent with High School Diploma

***Requirements for Completing Concurrent Associate's Degree with High School Diploma:***

- WC offers GISD students AA, AS, and an AAS Degrees*
- Must complete the Core requirements
- Must have college sixty hours, only 29 college hours can be completed at GHS
- Must complete High School Graduation Requirements
- Must be advised by GISD counselor AND a Weatherford College Advisor
- Should have a degree plan from a Weatherford College Advisor

***Additional Information for Success***

- Must collaborate explicitly with GHS counselor and Weatherford College academic advisor
- Would need to take English 1 and Algebra 1 in Grade 8
- Must meet "Exceptional Student" requirement to start college work in Grade 10
- Limited to 29 Dual Credit Hours at GHS by SACS rule
- After 29 Credit hours at GHS, must complete other hours at Weatherford College
- Weatherford College Math 2412/2413/2414/2415 and Weatherford College Phys 2425/2426 can be 4th year advanced math/science credit
- Weatherford College classes can be taken at Granbury Education Center or Weatherford College in Weatherford
- Weatherford College classes can be taken during regular semesters, Summer I and/or Summer II

**Associate's Degree/Education**
**Concurrent with HS Diploma**
*(Sample Plan)*

Grade 10
- DC Eng 1301/1302
- TECA 1354/1303
- WC Speech1315
- WC Kine 1238

Grade 11
- DC Eng 2311/2331
- DC US Hist 1301/1302
- DC Math 1314
- WC Drama 1310
- WC Educ 1301/2301
- WC Biol 1406

Grade 12
- DC Govt 2305/2306
- WC Math 1350/1351
- WC Phys 1415/1417
- WC Econ 2301
- WC Geog 1301

*This is an example of an Associate's Degree through Weatherford College/GHS partnership. This fully transfers to Tarleton toward a degree in education and a teaching certification.*

**Associate's Degree/Engineering**
**Concurrent with HS Diploma**
*(Sample Plan)*

Grade 10
- DC Eng 1301/1302
- WC Speech1315
- WC Psyc 2314

Grade 11
- DC Eng 2311/2331
- DC US Hist 1301/1302
- WC Drama 1310
- WC Psyc 2301
- WC Math 2412/2413
- WC Chem 1411/1412

Grade 12
- WC Math 2414/2415
- DC Govt 2305/2306
- WC Phys 2425/2426
- WC Kine 1230/1164

*This is an example of an Associate's Degree through Weatherford College/GHS partnership. College credit for Introduction to Engineering Design and Principles of Engineering is awarded by the University of North Texas.*

# Course Description Legend

***Course Description Information:***

| | |
|---|---|
| **Course Name** (Course Number)<br>Credits Earned – Intended Grade Level(s)<br>*Prerequisites:* Course required prior to enrollment<br><br>(Course Indicators)<br><br>Full course description. | **English 1** (0110)<br>1 credit - Grade 9<br>*Prerequisites:* None<br><br><br>Provides a year-long program of interrelated language skills with study in the areas of reading, writing, spelling and vocabulary. Includes a study of literature, creative writing, and introductory research skills. |

***Course Indicators:***

The following legend for Course Indicators will be used throughout the course catalog.

| | |
|---|---|
|  | • **Foundation Course Requirement** |
|  | • **STEM Endorsement** |
|  | • **Business & Industry Endorsement** |
|  | • **Public Services Endorsement** |
|  | • **Arts & Humanities Endorsement** |
|  | • **Multidisciplinary Studies Endorsement** |
|  | • **Weighted Course. Courses with this icon carry a 5-point weight.** |
|  | • **Distinguished Achievement** |
|  | • **End of Course Test Required** |
|  | • **Advanced Placement Course**<br>• **AP Exam at End of Course for College Credit** |
|  | • **Dual Credit Course**<br>• **College Entrance Requirements Must Be Met** |
|  | • **Teacher Approval Required** |
|  | • **Outside of Class Commitment** |
|  | • **Certification Available** |
|  | • **2 Periods During the School Day** |
|  | • **Physical Required to Enroll**<br>• **Must be received BEFORE the first day of practice** |

# English

**English 1** (0110)
1 credit - Grade 9
*Prerequisites:* None



Provides a year-long program of interrelated language skills with study in the areas of reading, writing, spelling and vocabulary. Includes a study of literature, creative writing, and introductory research skills.

***English for Speakers of Other Languages (ESOL 1, 2)*** *(0100, 0105)*
*½ -1 credit – Grades 10-12*
*Prerequisite: Committee decision after language survey testing*



The four language skills (listening, speaking, reading, and writing) are offered in a developmental sequence. The course is designed to consider cultural backgrounds of the students and to incorporate those with instruction. Only two credits may count as English graduation requirements.

**English 2** (0120)
1 credit - Grade 09-10
*Prerequisite:* English 1



Develops writing skills through a study of grammar, usage, mechanics, and vocabulary. The course provides a survey of world literature and integrates writing with the study of literature.

***Pre-Advanced Placement English 2*** *(0125)*
*1 credit - Grade 9-10*
*Prerequisites: English 1 and suggested reading list*



Designed for students with a high degree of skill in reading, writing, and interpretation of literature. One of the major objectives of this course is to prepare students for the Advanced Placement English Language and Composition Examination and Advanced Placement English Literature and Composition Examination given by the College Board their junior and senior years.

**English 3** (0130)
1 credit – Grades 10-11
*Prerequisites*: English 1 and English 2



Provides a survey of American literature, including representative writers and their contributions to the literary heritage of the U.S. Also, inte*grates writing skills with the study of literature and the research process.*

***Advanced Placement English 3*** *(0135)*
*1 credit - Grades 10-11*
*Prerequisites: English 2 or Pre-AP English 2 and Suggested Reading List*



An Advanced Placement course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way generic conventions add to effectiveness in writing. After completing this course students may take the Advanced Placement English Language and Composition Examination given by College Board for possible college credit.

***Dual Credit English 3 (ENGL 1301/ ENGL 1302)*** *(0137)*
*1 credit – Grades 10-11*
*Prerequisites: TSI Assessment and registration with Weatherford College*



This course offers students the opportunity to earn simultaneous credit in both high school junior English and freshman college English (1301 &1302) through Weatherford College.

**English 4** (0140)
1 credit – Grades 11-12
*Prerequisites:* English 1, English 2, and English 3



Provides a survey of English literature, which traces the development of literary forms and movements through the reading of representative selections from significant British writers. The course also includes an intense study of composition and research skills.

# *English*

**Dual Credit English 4 (ENGL 1301/ENGL 1302)** (0147)
1 credit - Grades 11-12
*Prerequisites:* TSI Assessment and registration with Weatherford College

This course offers students the opportunity to earn simultaneous credit in both high school senior English and freshman college English (1301&1302) through Weatherford College.

**Dual Credit Research and Technical Writing (ENGL 2311)** (0150)
½ credit- Grades 11-12
*Prerequisites:* College English 1301 & 1302
***May count for English 4 credit**

Students will practice in workplace writing skills. Of special benefit to students planning to enter technical fields, the course involves students in writing technical reports, business correspondence, and other forms of technical writing. Students will receive 3 hours of college credit.

**Dual Credit Literary Genres (ENGL 2322)** (0155)
½ credit- Grades 11-12
*Prerequisites:* College English 1301 &1302
***May count for English 4 credit**

This single semester course includes selected significant works of British literature, including the study of movements, schools, or periods. The course may include literature of England from Anglo-Saxon times to the twentieth century. Students are provided opportunities to analyze and evaluate the progression of ideas and emphasize religious, political, and socioeconomic commentaries. Students are also encouraged students to practice critical thinking and critical analysis by reading literature and writing about literature. Students will receive three hours of college credit.

**College Prep ELA** (0143)
1 credit – Grade 12

*Prerequisites*: Counselor Placement
This ELA course will have a focus on skills that are intended to prepare students for college level credit-bearing courses without the need for remedial courses. Successful completion of this course will waive the TSI requirement for ***Weatherford College only***.

**Creative and Imaginative Writing** (0193)
1 credit – Grades 11-12
*Prerequisites:* None

Students are expected to apply the skills taught in class to their own writing in such forms as essays, short stories, poetry, and drama. Students will demonstrate an understanding of the recursive nature of the writing process, improving each draft based on the feedback from previous drafts. They will analyze and discuss published pieces of writing and the writing of peers, as well as set their own goals as writers.

**Humanities** (0157)
1 credit – Grades 11-12
*Prerequisites:* None

This course includes the study of major historical and cultural movements and their relationship to cultural artifacts of our society, literature, film, television, etc. Students will examine both the time and society the films represent by investigating the cultural and historical context of the American Cinema from the period of its inception (1885) to the present. Daily attendance, participation in classroom discussions and presentations are a necessity.

***Speech:***

**Communication Applications** (0185)
½ credit – Grades 9-12
*Prerequisites:* None

Students will be expected to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group situations, and personal and professional presentations.

**Professional Communication** (9850)
½ credit – Grades 9-12
*Prerequisites:* None

Professional Communications offers students a required speech credit while blending written, oral, and graphic communication. Students will be provided a strong academic foundation in professional oral and written communication while integrating computer and technology applications. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research. Professional Communications within careers and the workplace will be included in this curriculum.

## *English Electives*

**Journalism Yearbook Production 1** (0168)
1 credit – Grades 10-12
*Prerequisites:* Teacher Approval

Students will work together as a staff to record the yearly history of Granbury High School. Students will learn basic layout and design elements, theme development, photography, and copy writing skills that go into producing a yearbook. Students must successfully complete an interview with the advisor in order to be considered for the yearbook staff.

**Journalism Yearbook Production 2** (0169)
1 credit - Grades 10-12
*Prerequisites:* Teacher Approval

Students will work together as a staff to record the yearly history of Granbury High School. Students will learn basic layout and design elements, theme development, photography, and copy writing skills that go into producing a yearbook. Students must successfully complete an interview with the advisor in order to be considered for the yearbook staff.

**Debate 1** (0175)
½-1 credit - Grades 9-12
*Prerequisite:* Instructor approval

This course is designed for competitive debate in standard forms. Curriculum includes researching current NFL, TFA, and UIL topics for debate, organizing and structuring cases, practicing fundamental debate techniques, and effectively using the basic processes of logic and reasoning as well as advancing skills in speaking. Students will be required to attend and compete in tournaments or equivalent activities, earn membership in National Forensic League and achieve a minimum number of points toward NFL distinction per semester on a graded scale.

**Debate 2** (0176)
½ -1 credit - Grades 10-12
*Prerequisites:* Instructor approval, Debate 1, previous successful performance in debate activities

This course is designed for competitive debate in standard forms. Curriculum includes researching current NFL, TFA, and UIL topics for debate, organizing and structuring cases, practicing fundamental debate techniques, and effectively using the basic processes of logic and reasoning as well as advancing skills in speaking. Students will be required to attend and compete in tournaments or equivalent activities, earn membership in National Forensic League and achieve a minimum number of points toward NFL distinction per semester on a graded scale.

**Oral Interpretation I** (0190)
1 credit – Grades 10-12
*Prerequisites:* None

Students will select, research, analyze, adapt, interpret, and perform literary texts as a communication art. Students focus on intellectual, emotional, sensory, and aesthetic levels of texts to attempt to capture the entirety of the author's work. Individual or group performances of literature will be presented and evaluated.

# Mathematics

**Algebra 1** (0210)
1 credit - Grades 9
*Prerequisites:* None



This course builds on previous experience in mathematics. It includes properties and operations of real numbers, the solving of linear equations and inequalities, and properties of fractions and algebraic fractions. The course also teaches the coordinate plane and linear equations and inequalities with two variables and radicals.

**Geometry** (0220)
1 credit – Grades 9-12
*Prerequisite:* Algebra 1



Concepts of space geometry are integrated with plane geometry. Algebraic skills are reviewed and strengthened through applications in problem solving. This course includes theory and application, formal and informal proofs, trigonometry, constructions and logic, coordinate geometry, and transformations.

**Pre-Advanced Placement Geometry** (0225)
1 credit – Grades 9-10
*Prerequisite:* Algebra 1



This course is designed for the advanced, academically bright math student who meets the placement criteria listed for honors courses. Some additional material will be covered in this course that is not covered in regular geometry. Emphasis will be placed on independent study and research, and higher level thinking skills.

**Precalculus** (0245)
1 credit – Grades 11-12
*Prerequisites:* Algebra 1, Geometry, Algebra 2



This course is designed for students who want to take a fourth math course to prepare for post-high school opportunities. Topics included are: functions and their graphs, trigonometric functions, applications of trigonometry, trigonometric identities and equations, solving polynomial functions, inequalities, exponential and logarithmic functions, conic sections, sequences and series, and introduction to limits.

**Pre-Advanced Placement Precalculus** (0240)
1 credit – Grades 11-12
*Prerequisites:* Algebra 1, Geometry, Algebra 2



This course is designed for students who want to take a fourth math course to prepare for post-high school

**Algebra 2** (0230)
1 credit – Grades 10-12
*Prerequisite:* Algebra 1



Extends and continues Algebra 1. Some new topics will be covered such as complex numbers, conic sections, higher order equations, exponential and logarithmic functions, matrices, and probability and statistics. Emphasis is placed on problem solving skills.

**Pre-Advanced Placement Algebra 2** (0235)
1 credit - Grades 10-11
*Prerequisites:* Algebra 1



This course is designed for students who have displayed a high degree of understanding in previous Algebra and Geometry classes. All the topics included in regular Algebra 2, as well as more difficult problems and more independent research, will be added to the course. Emphasis is placed on skills to begin preparing students for the Advanced Placement Calculus curriculum.

**Mathematics Modeling with Applications** (0260)
1 credit – Grades 10-11
*Prerequisite:* Algebra 1

Students use algebraic, graphical, geometrical, and statistical reasoning to recognize patterns and structures, to model information, and to solve problems from various disciplines. Students use math methods to model and solve real-life problems involving money, data, chance, patterns, music, design and science.

opportunities. Topics included are: functions and their graphs, trigonometric functions, applications of trigonometry, trigonometric identities and equations, solving polynomial functions, inequalities, exponential and logarithmic functions, conic sections, sequences and series, and introduction to limits. Emphasis is placed on advanced skills in math as preparation for the Advanced Placement Calculus course.

**Advanced Placement Calculus AB** (0255)
1 credit - Grade 12
*Prerequisites:* Precalculus



The course covers the material in the first semester of Calculus at a college or university. Topics included are analytical geometry, limits, differentiation of algebraic functions, application of differentiation, the definite integral, calculus of trigonometric and exponential functions, and techniques of integration.

# Mathematics

**Mathematics Modeling with Applications** (0260)
1 credit – Grades 10-11
*Prerequisite:* Algebra 1

Students use algebraic, graphical, geometrical, and statistical reasoning to recognize patterns and structures, to model information, and to solve problems from various disciplines. Students use math methods to model and solve real-life problems involving money, data, chance, patterns, music, design and science.

**Advanced Quantitative Reasoning (AQR)** (0280)
1 credit – Grades 11-12
*Prerequisites:* Algebra 1, Geometry, Algebra 2



Advanced Quantitative Reasoning (AQR) is a mathematics course that follows Algebra I, Geometry, and Algebra II. The course emphasizes statistics and financial applications, and it prepares students to use algebra, geometry, trigonometry, and discrete mathematics to model a range of situations and solve problems.

**Engineering Mathematics** (9780)
1 credit – Grades 11-12
*Prerequisite:* For PLTW Students Only



Engineering Math is a course designed to complement the PLTW course of study. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming.

**Statistics**
1 credit – Grades
*Prerequisite:* Algebra 1 and Geometry

This course acquaints students with the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be immersed in real world applications and data.

**Algebraic Reasoning**
1 credit – Grades
*Prerequisite:* Algebra 1 and Geometry

Student will further develop their ability to represent and draw inferences about algebraic relations and functions using the basic algebraic properties of commutativity, associativity, identity, inverse, and disributivity. They will develop a more formal understanding of functions.

**College Prep Math**
1 credit – Grades 12
*Prerequisite:* Counselor Placement

This math course will have a focus on skills that are intended to prepare students for college level credit-bearing courses without the need for remedial courses. Successful completion of this course will waive the TSI requirement for ***Weatherford College only.***

**AP Statistics** (0270)
1 credit – Grades 11-12
*Prerequisites*: Algebra 1, Geometry, Algebra 2



This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns in advance, and statistical inference. This course is equivalent to an introductory, non-calculus based, college course in statistics.

**Dual Credit Math: College Algebra (MATH 1314)** (0236)
½ credit – Grades 11-12
*Prerequisites:* Geometry, Algebra 2, TSI assessment and registration with Weatherford College



This course is designed for the non-mathematics major and is part of the common core. It includes sets and set operations, linear equations, non-linear equations, quadratic equations, inequalities, functions and graphs, systems of equations, algebraic operations with rational and irrational numbers, complex numbers and logarithms.

**Dual Credit Math: Contemporary Mathematics (MATH 1332)** (0237)
½ credit – Grades 11-12
Prerequisites: Geometry, Algebra 2, TSI assessment and registration with Weatherford College



This course is part of the common core at Weatherford College. It will provide knowledge of the nature of mathematics as well as training in mathematical thinking and problem solving. All topics are motivated by real world applications and may include logic, problem solving, financial management, probability, statistics, modeling, and the mathematics of politics.

# Science

**Biology** (0310)
1 credit - Grade 9
*Prerequisites*: None



Students conduct laboratory experiments in a variety of topics that include: structures and functions of cells and viruses, growth and development of organisms, cells, tissues and organs, nucleic acids and genetics, metabolism and energy transfers in living organisms, ecosystems, and plants and the environment.

**Pre-Advanced Placement Biology** (0315)
1 credit - *CNG Grade 9 only*
*Prerequisites*: None



Students conduct laboratory experiments in a variety of topics that include: structures and functions of cells and viruses, growth and development of organisms, cells, tissues and organs, nucleic acids and genetics, metabolism and energy transfers in living organisms, ecosystems, and plants and the environment. Students will utilize skills in self-directed learning, creative, logical, and critical thinking, research, and communication by producing innovative performances and products that reflect creativity and individuality in an advanced program. Independent reading and a project are required.

**Advanced Placement Biology** (0325)
1 credit - Grades 9-12
*Prerequisites:* Biology, Algebra 1



This course is designed to provide students adequate knowledge and laboratory skills to test out of freshman level college biology. Biochemistry, genetics and advanced plant and animal biology are examples of studies.

**Dual Credit Zoology/Botany (SR &D 3)** (0328)
1 credit (4 College Credits per semester) - Grades 11-12
*Prerequisites:* Biology & Chemistry, TSI assessment and registration with Weatherford College



*Zoology – Semester A* **(BIOL 1413)**
An introduction to the physical and chemical organization of living organisms, cell structure, function, and metabolism. Students learn to understand and interpret terms and discover principles covering all aspects of living organisms. Course can count as 4th year science. Students will receive 4 hours of college credit.
*Botany – Semester B* (BIOL 1411)
An introduction to plant and animal growth, plant and animal tissues and systems, ecology, evolution and behavior. Course can count as 4th year science. Students will receive 4 hours of college credit.

**Integrated Physics and Chemistry** (0305)
1 credit - Grade 10-12
*Prerequisites:* None

Laboratory-oriented class that integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy, transformations, properties of matter, changes in matter, and solution chemistry.

**Chemistry** (0330)
1 credit - Grades 10-12
*Prerequisites:* One unit of high school science, Algebra 1



Covers general exploratory experiences and activities in the concepts of matter, atomic structure, chemical equations, properties of solutions, acids and bases, and nuclear chemistry.

**Pre-Advanced Placement Chemistry** (0335)
1 credit - Grades 10-11
*Prerequisites:* One unit of high school science and strong foundation in Algebra I



This course follows the course description of Chemistry with a focus on advanced laboratory skills and critical thinking skills to prepare students for Advanced Placement chemistry. *Performance-based projects are required.*

**Advanced Placement Chemistry** (0345)
1 credit - Grades 11-12
*Prerequisites*: Chemistry, Algebra 2



This is a laboratory-oriented course which reinforces basic concepts of Pre-Advanced Placement Chemistry with emphasis on more independent study and the improvement of laboratory techniques. Advanced topics include thermodynamics, equilibrium, kinetics, electrochemistry, and descriptive chemistry. This course is designed for students desiring to place out of freshman college chemistry by taking the Advanced Placement examination at the end of the course.

**Anatomy & Physiology** (9470)
1 credit – Grades 11-12
*Prerequisites*: Biology I and Chemistry I or Physics



Extends understanding of the structure and function of the human body. Students will explore physiological systems and associated pathologies. Higher order thinking is stressed through assessment and synthesis of the anatomical knowledge combined with exposure to clinical analysis. Principles of physiology will be applied to human health and well-being.

## *Science cont.*

**Physics** (0360)
1 credit - Grades 10-12
*Prerequisites:* None

Students conduct laboratory investigations involving such topics as laws of motion, force, conservation of energy, and momentum; electricity; thermodynamics; wave motion; and quantum physics.

**Advanced Placement Physics 1**
(0366)
1 credit – Grades 10-12
*Prerequisites:* Geometry and concurrent enrollment in Algebra 2 or equivalent course

Students explore principles of Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. The course is based on six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world.

**Advanced Placement Physics 2** (0367)
1 credit – Grades 11-12
*Prerequisites*: AP Physics 1 and concurrent enrollment in Precalculus or equivalent course

Students explore principles of fluids, thermodynamics, electricity, magnetism, optics, and topics in modern physics. The course is based on seven Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world.

**Aquatic Science** (0380)
1 credit – Grades 11-12
*Prerequisites:* None

In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Investigations and field work in this course may emphasize fresh water or marine aspects of aquatic science depending primarily upon the natural resources available for study near the school. Students will acquire knowledge about a variety of aquatic systems, conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical-thinking and problem-solving skills.

**Environmental Science** (0385)
1 credit – Grades 11-12
*Prerequisites:* None

This course is the study of a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an ecosystem, relationships between carrying capacity and changes in populations and ecosystems, and changes in ecosystems.

**AP Environmental Science** (0395)
1 credit – Grades 10-12
*Prerequisites:* Biology and Chemistry

This course is the study of a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an ecosystem, relationships between carrying capacity and changes in populations and ecosystems, and changes in ecosystems. This is an in-depth and rigorous course that covers topics requiring a high level of cognitive learning skills. It is designed to prepare students to take the AP exam. Students are expected to take the AP exam.

**Advanced Animal Science** (9010)
1 credit – Grades 11-12
*Prerequisites*: Livestock Production

Develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics and reproduction, anatomy and physiology of various livestock species, nutritional requirements, and disease and parasites of livestock through field and laboratory experiences. This class is recommended for those students with an interest in Veterinary Science.

**Dual Credit Advanced Animal Science (AGRI 1419)**
(9012)
1 credit – Grades 11-12
*Prerequisites*: Livestock Production, TSI assessment and registration with Weatherford College

Develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics and reproduction, anatomy and physiology of various livestock species, nutritional requirements, and disease and parasites of livestock through field and laboratory experiences. This class is recommended for those students with an interest in Veterinary Science. First semester is Dual Credit Advanced Animal Science, second semester is Advanced Animal Science. Second semester will be for high school credit only.

## *Science cont.*

**Forensics** (9660)
1 credit – Grades 11-12
*Prerequisite*: 2 years of high school science

Have you ever watched CSI and asked “Do they really do that stuff” or think “I want to do that”? In Forensic Science you will learn that there is more to CSI than little flashlights and sunglasses. Students will learn terminology and investigative procedures related to crime scenes, questioning, interviewing, criminal behavior characteristics, and scientific procedures used to solve crimes. Through case studies and simulated crime scenes, students will use scientific methods to collect and analyze evid9012ence, such as fingerprint analysis, ballistics, blood spatter, bones, autopsies, and DNA. Students will learn the history, legal aspects, and career options for forensic science. Do you have what it takes to be a true Crime Scene Investigator?

**Aviation (SR&D 2)** (9820)
1 credit Grades 11-12
*Prerequisite:* 1 year of high school science

Students will become familiar with the process that leads to a private pilot’s license. They will visit the Granbury Regional Airport, study the active structures that make an airplane function and sit in the ‘pilot in command’ seat pointing out the function of all instruments on the control panel. Meteorology, navigation, mechanics of aircraft, control surfaces affecting flight, and careers in aviation are among the topics studied. This course will be taught by a certified pilot. Other field trips to nearby airports may be an important part of the curriculum.

# Social Studies

**World Geography Studies** (0400)
1 credit - Grade 9
*Prerequisites:* None



Students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography.

**Pre-Advanced Placement World Geography Studies** (0405)
1 credit – *CNGC Grade 9 only*
*Prerequisites:* None



Students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students must utilize self-directed learning; creative, logical, and critical thinking; research and communication by producing innovative performances and products that reflect creativity and individuality in an advanced program. Independent reading required.

**World History Studies** (0410)
1 credit - Grades 10
*Prerequisites:* None



World History Studies is a course that offers students an overview of the entire history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present

**AP World History** (0417)
1 credit – Grades 10-12
*Prerequisites*: None



This course presents a comprehensive history of the world, allowing students to view history in a global and integrated way. It will afford students the opportunity to gain a Distinguished Achievement measure as well as college credit by successful completion of the associated AP exam in May. Major facets of the course include the impact of interaction among major societies, relationship of change and continuity, impact of technology and demography on people and the environment, systems of social structure and gender structure, cultural and intellectual developments and interactions, and changes in functions and structures of states and in attitudes toward states and political identities, including the rise of the nation-state. This course meets the one-year world history social studies graduation requirement.

**United States History Studies Since Reconstruction** (0420)
1 credit – Grade 10-12
*Prerequisites:* None



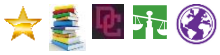
This course covers the history of the United States since Reconstruction to the present. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies of the Cold War and post-Cold War eras, and reform movements including civil rights.

**Advanced Placement United States History** (0425)
1 credit - Grade 10-12
*Prerequisites:* World History, World Geography, completion of suggested reading



This program is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with problems and topics in U. S. History. Students will develop the skills necessary to arrive at conclusions based on informal judgment and to present reasons and evidence clearly and persuasively in essay format. Upon completion of this course, students are expected to take the U.S. History Advanced Placement exam.

**Dual Credit United States History to 1877 (HIST 1301)** (0426)
½ credit – Grades 10-12
*Prerequisites*: TSI assessment and registration with the Weatherford College



This survey course develops the ability to organize, interpret, and evaluate several sources of information about the political, economic, and cultural history of the United States from its roots to the close of Reconstruction.

**Dual Credit United States History from 1877 (HIST 1302)** (0427)
½ credit – Grades 10-12
*Prerequisites*: TSI assessment and registration with Weatherford College, DC US History 1301



This survey course develops the ability to organize, interpret, and evaluate several sources of information about the political, economic, and cultural history of the United States from the end of Reconstruction to the 1990s.

## *Social Studies cont.*

**Advanced Placement European History** (0430)
1 credit – Grades 11-12
*Prerequisites:* World History, World Geography

This Advanced Placement social studies elective consists of the study of European history since 1450. It introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world of today. Students will develop the skills necessary to arrive at conclusions based on informal judgment and to present evidence clearly and persuasively in essay format.

**US Government** (0440)
½ credit - Grade 11-12
*Prerequisites:* None

In US Government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels.

**Advanced Placement American Government & Politics** (0445)
½ credit-Grade 11-12
*Prerequisites:* None

This program gives students a critical perspective on government and politics in the United States. The course requires familiarity with the various institutions, groups, beliefs and ideas that make up the American political reality. Upon completion of this course, students are expected to take the Advanced Placement exam.

**Dual Credit Government 1 (GOVT 2305) – Federal Government - Federal Constitution & Topics** (0443)
½ credit – Grade 11-12
*Prerequisites* – TSI assessment and registration with Weatherford College

Students will study the origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

**Dual Credit Government 2 (GOVT 2306) – Texas Government - Texas Constitution & Topics)** (0444)
½ credit – Grade 11-12
*Prerequisites* – TSI assessment and registration with Weatherford College, DC Government 2605

Students will study the origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas.

**Economics and the Free Enterprise System** (0450)
½ credit - Grade 11-12
*Prerequisites:* None

This course teaches the need to make choices in a world of limited resources and unlimited wants. It will introduce the microeconomic concepts of supply and demand, and business production, as well as the macroeconomic concepts behind fiscal and monetary policy. There is also a focus on personal financial literacy using materials approved by the State Board of Education.

**Advanced Placement Macroeconomics** (0455)
½ credit - Grade 11-12
*Prerequisites:* None

This course is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The focus is on fiscal and monetary policy, purpose, implementation and outcome. Students are expected to take the Advanced Placement exam.

**Psychology** (0470)
½ credit - Grades 11-12
*Prerequisites:* None

This survey course introduces the students to the field of psychology. It is designed to give students a basic history of psychology, theories of learning, self-awareness, the process of thinking, personality, heredity and mental health as well as a study of human growth and development.

**Sociology** (0475)
½ credit - Grades 11 -12
*Prerequisites:* None

This course deals with the study of people and their interaction with one another. It involves learning about institutions found in all societies such as the family, community organizations, and political and social activities. Broad areas of content include mobility of people, human relationships, and factors in society that influence human personality.

**Personal Financial Literacy**
½ credit - Grades 09-12
*Prerequisites:* None

Personal Financial Literacy is a one semester course which helps students understanding the rights and financial responsibilities in managing money. In addition, students will learn ways of paying for college/post-secondary education and how to apply for federal student financial aide.

# Foreign Language

**Spanish 1** (0600)
1 credit - Grades 9-11
*Prerequisites:* None



This course teaches phonics, basic speech patterns, and sentence structure. Emphasis is on vocabulary acquisition, with exercises in reading, writing, listening, and speaking. Culture is introduced.

**Spanish 2** (0605)
1 credit - Grades 9-12
*Prerequisite:* Spanish 1



This course teaches skills in using Spanish for everyday life situations. Emphasis is on grammar, with several past tense, present tense, and command verb forms. Subjunctive forms are introduced. Cultural studies are included.

**Spanish Language for Native Speakers 2** (0606)
1 credit – Grades 10-12
*Prerequisite:* Spanish for Spanish Speakers



This course continues to build on a student's oral skills in Spanish to increase and expand reading and writing abilities. It develops critical thinking skills in Spanish that will be transferable to English. Students successfully completing this one credit course will be prepared for Pre-AP for Spanish Speakers 3. Students must be recommended by their teacher or counselor to participate in this course.

**Pre-Advanced Placement Spanish 3** (0610)
1 credit - Grades 10-12
*Prerequisites:* Spanish 1, Spanish 2



This course offers advanced conversational and writing skills and literature.

**Pre-Advanced Placement Spanish 3 for Native Speakers** (0611)
1 credit - Grades 10-12
*Prerequisites*: Spanish for Spanish Speakers



This course builds on a student's oral skills in Spanish. It increases and expands a student's skills in oral, written and interpretive modes.

**Advanced Placement Spanish 4** (0616)
1 credit – Grades 11-12
*Prerequisite:* Spanish 3



This course is an intensive study of the Spanish language using a differentiated curriculum aimed at preparation for the Advanced Placement Exam.

**Advanced Placement Spanish 4 for Native Speakers** (0618)
1 credit – Grades 11-12
*Prerequisites:* Pre-Advanced Placement Spanish 3



This course is an intensive study of the Spanish language for native speakers using a differentiated curriculum aimed at preparation for the Advanced Placement Exam.

**Advanced Placement Spanish 5** (0617)
1 credit – Grades 12
*Prerequisite:* Advanced Placement Spanish 4



The curriculum requires a close reading of literary texts in all genres in Spanish, covers critical analysis of the forms and content of literary works in Spanish, and provides for active participation in Spanish on literary topics. The course is aimed at preparation for the Advanced Placement Spanish Literature examination.

**Advanced Placement Spanish 5 Literature for Native Speakers** (0619)
1 credit – Grades 9-12
*Prerequisite: AP Spanish 4*



This course requires close reading of literary texts in all genres of Spanish. It covers critical analysis of the forms and content of literary works in Spanish and provides for active participation in Spanish on literary topics. Students receive one credit for the course with the possibility of a second credit upon successful completion of an end-of-course exam. This course prepares students for the Advanced Placement exams in Spanish Language and Spanish Literature.

**French 1** (0640)
1 credit - Grades 9-11
*Prerequisites:* None



French 1 introduces the vocabulary, grammar and language skills necessary for a basic study of French.

## *Foreign Language cont.*

**French 2** (0645)
1 credit - Grades 10-12
*Prerequisite:* French 1



French 2 continues the development of skills necessary for the more complex strategies of the French language.

**Pre-Advanced Placement French 3** (0650)
1 credit - Grades 11-12
*Prerequisites:* French 1 and French 2



French 3 focuses on advanced conversational and writing skills.

**Advanced Placement French 4** (0660)
1 credit – Grades 12
*Prerequisites:* French 3



French 4 is the intensive study of French language using a differentiated curriculum aimed at preparation for the Advanced Placement exam.

**American Sign Language (ASL) I** (0670)
1 credit – Grades 9-12
*Prerequisites:* None



Students develop the ability to perform the tasks of the novice language learner. The novice language learner, when dealing with familiar topics, should: understand short-signed phrases when attending and respond expressively with learned material; produce learned signs, phrases, and sentences; detect main ideas in familiar material that is signed; be able to transcribe American Sign Language (ASL) into English gloss; recognize the importance of communication and how it relates to the American deaf culture; and recognize the importance of acquiring accuracy of expression by knowing the components of ASL, including grammar.

**American Sign Language (ASL) II** (0675)
1 credit – Grades 10-12
*Prerequisite:* ASL I



Students further their knowledge and practice in the areas of communication, culture, connections, comparisons, and communities during this second year of ASL as listed in ASL I.

**American Sign Language (ASL) III** (0680)
1 credit – Grades 11-12
*Prerequisites:* ASL I and II



Students expand their ability to perform novice tasks and develop their ability to perform the tasks of the intermediate language learner. The intermediate language learner, when dealing with everyday topics, should: participate in simple face-to-face communication; create statements and questions to communicate independently when signing; understand main ideas and some details of signed material on familiar topics; understand simple signed statements and questions and transcribe these into written English; meet limited practical and social communication needs; use knowledge of the culture in the development of communication skills; use knowledge of the components of American Sign Language (ASL), including grammar, to increase accuracy of expression; and cope successfully in straightforward social and survival situations.

# Fine Arts

## Theatre Arts

**Theatre Arts 1** (0750)
1 credit - Grades 9-12
*Prerequisites:* None



This overview course introduces students to the basic concepts of theatre and creative expression including pantomime, improvisation, voice and diction, analysis of script and characters, theatre safety, interdependence of technical theatre, acting, theatre appreciation, and audience etiquette. Emphasis is on basic acting skills.

**Theatre Arts 2** (0751)
1 credit - Grades 9-12
*Prerequisite:* Theatre Arts 1



This course analyzes the multiple components and skills that comprise a theatrical production, and provides for continued development of acting and production skills. It concentrates on the process and methods of theatre production. Students will audition, rehearse, and perform in public.

**Theatre Arts 3** (0752)
1 credit – Grades 10-12
*Prerequisites:* Theatre Arts 2, teacher approval



This course includes detailed study of theatrical styles, script and character analysis, playwriting, directing, and emphasizes career opportunities available in Theatre arts. Evaluations of production styles and techniques will be made. Focus is on performance. Students will be required to audition, rehearse, and perform in a major production. Rehearsals are held during class time and after school.

Theatre Arts 4 (0753)
1 credit – Grade 12
*Prerequisites:* Theatre Arts 3, teacher approval



The course provides an in-depth look at all aspects of theatrical production, with an emphasis on directing, script and character analysis, and theatrical evaluation. Focus is on the production of classical and contemporary material. Students will be required to audition, rehearse, and perform in a major production. Rehearsals are held during class time and after school.

**Theatre Production 1, 2, 3, and 4** (0760, 0761, 0762, 0763)
1 credit – Grades 09-12
*Prerequisites:* Director's approval and audition for placement



Students will produce a major production for public performance and competition. Rehearsals are held during class time and after school. Students must audition and must participate in the UIL One-Act Play competition.

**Technical Theatre 1** (0770)
1 credit – Grades 10-12
*Prerequisites:* None



Students will gain hands-on experience in technical theatre including: building scenery and props, costumes, makeup, lighting, rigging, and theatre safety. Students will build sets for major productions during class.

**Technical Theatre 2, 3** (0771) (0772)
1 credit – Grades 10-12
*Prerequisite:* Technical Theatre 1, teacher approval



Students will gain hands-on experience in technical theatre including: building scenery and props, costumes, makeup, lighting, rigging, and theatre safety. Students will build sets for major productions.

## Choir

**Choir 1** (0720)
1 credit – Grades 9-12
*Prerequisite:* Auditioned by instructor



Choir 1 provides music instruction in the care and development of the voice and the production and control of tone. Students are prepared for advancement into concert, a cappella, or chamber chorus. Attendance at all performances is required.

**Choir 2, 3, 4, and 5** (Concert) (0721, 0722, 0723, 0717)
1 credit - Grades 9-12
*Prerequisites:* Auditioned by instructor
Choir 2, 3, and 4 are taken in sequence

Choir courses offer instruction for those students who wish to improve their vocal skills and techniques for participation in a cappella and chamber chorus. This course will enrich the student's aesthetic experience by deepening music knowledge base.

## *Fine Arts cont.*

**Choir 2, 3, 4, and 5** (Chamber Choir) (0726, 0727. 0728, 0718)
1 credit – Grades 10-12
*Prerequisites:* Choir 1 or commensurate skills, teacher recommendation based on audition, sight reading skills test, concurrent membership in the most advanced choir in the school . Choir 3 and 4 are taken in sequence.



These courses provided students with advanced vocal training and performance. The students are required to have a juried recital, participate in TMEA, and UIL, attend all concerts and write critiques, write papers on assigned composers, and perform in all choral concerts. With instructor approval, honors credit will be given to students who meet additional requirements.

### *Art*

**Art 1** (0730)
1 credit - Grades 9-12
*Prerequisites:* None



Art 1 provides basic art instruction to emphasize the fundamentals of art and to develop skills in art. It offers opportunities to illustrate ideas for artwork from direct observation, experiences and imagination using art element and principles. It includes effective use of art media and tools in design, drawing, printmaking, printing, and sculpture. It also includes culture heritage and opportunities to use critical evaluation through art. Students will explore art careers and vocational opportunities in art.

**Art 2 Drawing** (0731)
1 credit - Grades 9-12
*Prerequisites:* Art 1



This course provides advanced art instruction in 2-dimensional art developing skills in drawing techniques that may apply to art elements and principles of design. The course provides for a variety of art media and tools. Emphasis will be put upon creating a portfolio which demonstrates skills developed in the drawing field.

**Art 2 Painting** (0736)
1 credit – Grades 10-12
*Prerequisite*: Art 1



This course provides advanced art instruction in 2-dimensional art developing skills in painting techniques that may apply to art elements and principles of design. The course provides for a variety of art media and tools. Emphasis will be put upon creating a portfolio which demonstrates skills developed in the painting field of study.

**Art 2 Print Design** (0732)
1 credit – Grades 10-12
*Prerequisite:* Art 1



This course provides basic art instruction to emphasize the fundamentals of design and to develop skills in various media and techniques that apply to the principles of design. Emphasis will be upon creating a portfolio focused on design schemes. Careers in fashion, advertising, interior, and exterior design will be explored.

**Art 2 Ceramics** (0734)
1 credit - Grades 10-12
*Prerequisite:* Art 1



Ceramics introduces students to basic materials and processes in ceramic construction. Students are introduced to hand-built and thrown ceramic techniques. Students create original designs by incorporating the elements and principles of art into their personal ceramic projects. History and careers will be explored.

**Art 2 Sculpture** (0735)
1 credit – Grades 10-12
*Prerequisites*: Art 1



Art 2 Sculpture introduces students to basic materials and processes in the three-dimensional art form of sculpture. Students create original designs by incorporating the elements and principles of art into their personal three-dimensional sculptures. History and careers will be explored.

**Art 3 Advanced Print Design** (0733)
1 credit - Grades 11-12
*Prerequisites:* Art 1 and Art 2 Design; Instructor approval



This course provides advanced instruction in the principles of design and development of media and techniques used in commercial art. Emphasis will be upon creating a portfolio focused on design schemes. Careers in illustration, advertising, interior, and exterior design will be explored.

## *Fine Arts cont.*

**Pre-Advanced Placement Art 3 Portfolio** (0737)
1 credit – Grades 10-12
*Prerequisites:* Art 1 & 2; Instructor approval



Art 3 Portfolio provides students an opportunity to start preparing a portfolio while working in and out of the classroom. Students will prepare the breadth portion of the AP portfolio. This work will be the first part of the AP portfolio to be evaluated by the College Board. The remainder of the work will be completed during the AP Drawing course. This is also an upper level course available to students who want to stay involved in art without progressing to the AP level.

**Advanced Placement Art 3 Drawing** (0739)
1 credit - Grades 10-12
*Prerequisites:* Art 1 and Art 2; Instructor recommendation



AP Art 3 Drawing provides an opportunity for students to prepare a drawing portfolio while working both in and out of the classroom. Students experiment with a variety of media and their works are judged on the quality, concentration and breadth of presentation. This course is equivalent to freshman college-level courses in General Art, and students take the Advanced Placement examination.

**Art 3 Photography (0738)**
1 credit - Grades 10-12
*Prerequisite:* Art 1



**This course has a** focus on art in black and white photography. It includes basic skills and techniques associated with the operation of the camera and development of prints in the darkroom. Composition plays a very important role, hence the recommendation of drawing or design as a *Prerequisite.* (Personal digital camera recommended.)

**Art 4 Advanced Photography** (0748)
1 credit – Grades 11-12
*Prerequisites:* Art 3 Photo



Advanced Photography is for those who are wanting to further their skills in fine art photography composition and expand their knowledge of camera functions. Traditional black and white darkroom and digital photography will be used interchangeably. Students will be able to choose and focus on photographic themes throughout the year, as well as work on their portfolios.

**Advanced Placement Art 4 Two-Dimensional Design Portfolio** (0741)
1 credit – Grades 11-12
*Prerequisites*: Art 1, Art 2, portfolio exam, Instructor recommendation



This course provides students an opportunity to prepare a portfolio while working in and out of classroom. Students work on the quality, concentration, and breadth of presentation. This course is equivalent to freshman college level courses in general art and fundamental design. Students are encouraged to submit their advanced placement portfolio to the College Board for evaluation.

**Principles & Elements of Floral Design** (9365)
1 credit – Grades 10-12
*Prerequisites*: None
***FINE ARTS CREDIT OPTION**



Bloom where you are planted! Start your semester with homecoming mum designs and learn how to make a profit with your talents. Discover art within natural elements and use your talent to create beautiful floral arrangements. This class teaches a variety of floral skills and horticulture development while applying artistic design. Students will have the opportunity to earn a floral certification. **Texas State Floral Certification may be offered.**

## *Dance*

**Dance 1 (Drill Team-Stowaways)** (0780)
1 credit - Grades 9-12
*Prerequisites:* Audition for placement; courses are taken in sequence.



The student will develop an awareness of the body's movement and apply fitness principles to dance. Choreographic processes will be used to demonstrate an understanding of cultural, historical, and artistic diversity. Performance is required.

**Dance 2 (Drill Team-Stowaways Years 2-5)** (0785)
1 credit - Grades 9-12
*Prerequisites:* Audition for placement; courses are taken in sequence.



The student will develop an awareness of the body's movement and apply fitness principles to dance. Choreographic processes will be used to demonstrate an understanding of cultural, historical, and artistic diversity. Performance is required.

## *Fine Arts cont.*

**Dance I** (0782)
1 credit – Grades 9-12
*Prerequisites:* None



This class is designed to teach students the basic technique and skills in Hip Hop, Lyrical, Jazz, Modern and Choreography. In each dance form studied, students will learn dance routines and create various dance choreography in group assignments. Students are introduced to basic dance vocabulary, technique and history of the various dance forms taught in this class. This is not a performance class but a performance opportunity may be available in the Spring Semester. Students are required to purchase a dance t shirt for $15.

**Dance II** (0787)
1 credit – Grades 9-12
*Prerequisites:* Dance I



This class is designed to teach students the basic technique and skills in Hip Hop, Lyrical, Jazz, Modern and Choreography. In each dance form studied, students will learn dance routines and create various dance choreography in group assignments. Students are introduced to basic dance vocabulary, technique and history of the various dance forms taught in this class.

**Dance III and IV** (0792 and 0797)
1 credit – Grades 9-12
*Prerequisites:* Dance II or Dance III



Intermediate and Advanced dancers are welcome to take Dance III or IV for more advanced technique. This is not a performance class but a performance opportunity may be available in the Spring Semester. Students are required to purchase a dance t shirt for $15.

***Band***

**Marching Band/Instrumental Ensemble 1, 2, 3, 4 and 5**
(0700, 0701, 0702, 0703, 0715)
1 credit (Fine Arts or PE) - Grades 9-12
*Prerequisites:* Audition for placement



Encourages music education and appreciation through participation in the Marching Band, Wind Ensemble, Symphonic Band, solos, ensembles, and All Region Band. Junior and senior band students may receive honors credit if accepted into the course of study. Qualities of social, mental and moral discipline are necessary for a successful band program. Assignment to Marching Band, Wind Ensemble, Symphonic Band, and Percussion (0706) is based on performance.

**Band 2, 3, 4, and 5** (Honors) (0707, 0704, 0705, 0716)
1 credit – Grades 10-12
*Prerequisites:* Audition and instructor approval; Band 1



Provides students with advanced instruction in musical training and performance. Students must complete additional course requirements in order to receive honors credit.

**Jazz Band** (0710)
1 credit – Grades 10-12
*Prerequisites:* Currently participating in the marching band and one performing ensemble; instructor approval



Jazz band is a course designed to explore concepts in music developed through the performance of differing jazz styles including big band, swing, modern fusion and rock. Jazz band is a performance ensemble that will participate in concerts, festivals and competitions throughout the spring semester. This course will include rehearsals and performances outside of the regularly scheduled class period that will count toward the overall class grade and will be required of all students enrolled.

- All student ***must*** have a current physical ***before*** the first day of ***practice.*** Student will be unenrolled if not on file before the first day of school.
- Students enrolling on a UIL Athletic Team are expected to enroll for one year unless they are a senior who will not participate in the 2nd semester.
- Students may be allowed to substitute one of the following physical activities for the required credits: marching band during the fall semester, drill team, cheerleading, athletics, or JROTC.
- UIL rules prohibit students from being enrolled in more than 1 period of athletics

## Athletics

### ATHLETIC TRAINER

| | |
|---|---|
| YEAR 1 | 8850 |
| YEAR 2 | 8865 |
| YEAR 3 | 8875 |
| YEAR 4 | 8885 |
| YEAR 5 | 8890 |

### BASEBALL

| | |
|---|---|
| YEAR 1 | 8350 |
| YEAR 2 | 8365 |
| YEAR 3 | 8375 |
| YEAR 4 | 8385 |
| YEAR 5 | 8390 |

### BASKETBALL

| | BOYS | GIRLS |
|---|---|---|
| YEAR 1 | 8050 | 8100 |
| YEAR 2 | 8065 | 8115 |
| YEAR 3 | 8075 | 8125 |
| YEAR 4 | 8085 | 8135 |
| YEAR 5 | 8090 | 8140 |

### GOLF

| | BOYS | GIRLS |
|---|---|---|
| YEAR 1 | 8450 | 8500 |
| YEAR 2 | 8465 | 8515 |
| YEAR 3 | 8475 | 8525 |
| YEAR 4 | 8485 | 8535 |
| YEAR 5 | 8490 | 8540 |

### CHEER

| | |
|---|---|
| YEAR 1 | 8750 |
| YEAR 2 | 8765 |
| YEAR 3 | 8775 |
| YEAR 4 | 8785 |
| YEAR 5 | 8790 |

### CROSS COUNTRY

| | BOYS | GIRLS |
|---|---|---|
| YEAR 1 | 8250 | 8300 |
| YEAR 2 | 8265 | 8315 |
| YEAR 3 | 8275 | 8325 |
| YEAR 4 | 8285 | 8335 |
| YEAR 5 | 8290 | 8340 |

### FOOTBALL

| | |
|---|---|
| YEAR 1 | 8000 |
| YEAR 2 | 8015 |
| YEAR 3 | 8025 |
| YEAR 4 | 8035 |
| YEAR 5 | 8040 |

### SOCCER

| | BOYS | GIRLS |
|---|---|---|
| YEAR 1 | 8650 | 8700 |
| YEAR 2 | 8665 | 8715 |
| YEAR 3 | 8675 | 8725 |
| YEAR 4 | 8685 | 8735 |
| YEAR 5 | 8690 | 8740 |

### SOFTBALL

| | |
|---|---|
| YEAR 1 | 8400 |
| YEAR 2 | 8415 |
| YEAR 3 | 8425 |
| YEAR 4 | 8435 |
| YEAR 5 | 8440 |

### SWIM

| | |
|---|---|
| YEAR 1 | 8550 |
| YEAR 2 | 8565 |
| YEAR 3 | 8575 |
| YEAR 4 | 8585 |
| YEAR 5 | 8590 |

### TENNIS

| | |
|---|---|
| YEAR 1 | 8600 |
| YEAR 2 | 8615 |
| YEAR 3 | 8625 |
| YEAR 4 | 8635 |
| YEAR 5 | 8640 |

### TRACK

| | BOYS | GIRLS |
|---|---|---|
| YEAR 1 | 8150 | 8200 |
| YEAR 2 | 8165 | 8215 |
| YEAR 3 | 8175 | 8225 |
| YEAR 4 | 8185 | 8235 |
| YEAR 5 | 8190 | 8240 |

### VOLLEYBALL

| | |
|---|---|
| YEAR 1 | 8825 |
| YEAR 2 | 8833 |
| YEAR 3 | 8837 |
| YEAR 4 | 8843 |
| YEAR 5 | 8845 |

# *Fitness and Wellness*

**Foundations of Personal Fitness** (0835)
1 credit – 9
*Prerequisites:* None



This course represents a new approach in physical education and the concept of personal fitness. The purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class.

**PE Individual/Team Sports** (8910)
1 credit – Grades 10-12
*Prerequisites:* None



Students are expected to participate in a wide range of individual sports that can be pursued for a lifetime. Students continue to develop health-related fitness initiated in the Foundations of Personal Fitness course, through the selection of individual sport and lifetime activities. Enjoyment is a major objective of this course.

**Aerobic Activities** (8930)
1 credit – Grades 10-12
*Prerequisites:* None



Students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically active lifestyle. A major expectation of this course is for the student to design a personal fitness program using aerobic activities as a foundation.

**P.E. – Yoga** (8940)
1 credit – Grades 10-12
*Prerequisites:* None



This course provides students with instruction in the basics of Yoga. While meeting all of the P.E. TEKS, students learn current practices in this motivating area of fitness and exercise.

**Adventure/Outdoor Education** (8945)
1 credit – Grades 10-12
*Prerequisites:* None



Students enrolled in adventure outdoor education develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Students will develop competency in two or more outdoor education activities. Activities may include backpacking, camping, hiking, and water sports/safety.

**Drill Team** (Stowaways Year 1) (8795)
1 credit - Grades 9-12
*Prerequisite:* Audition for placement



The student will develop an awareness of the body's movement and apply fitness principles to dance. Choreographic processes will be used to demonstrate an understanding of cultural, historical, and artistic diversity. Performance is required.

**Cheer** (8750, 8760, 8775, 8785, 8790)
1 credit – Grades 9-12
*Prerequisite:* Tryouts required



# *MJROTC*

Leadership Education is based upon the tenants of Marine Corps leadership: to teach and develop a sense of citizenship, responsibility, discipline and character. Throughout the program, the Leadership Education curriculum is presented by way of five different categories of instruction: (1) Leadership (2) Citizenship (3) Personal Growth and Responsibility (4) Public Service and Career Exploration, and (5) General Military Subjects. The curriculum reflects two fundamental aspects. Leadership studies teach Leadership and Citizenship whereas the Leadership Labs allow student to apply that knowledge.

If a student successfully completes all four JROTC courses, a Public Services Endorsement can be earned.

**MCJROTC I** (0501)
1 elective or 1 P.E. credit - Grades 9-12
*Prerequisites:* None



This first unit of the Leadership Education provides an introduction to both leadership and citizenship. It also exposes new cadets to personal growth and responsibility and establishes a foundation in military structure and tradition. Additionally, cadets participate in a healthy physical education program and are first exposed to the teamwork required in organized drill.

**MCJROTC II** (0502)
1 elective or 1 PE credit – Grades 10-12
*Prerequisite:* LE-1

This course continues the leadership and citizenship classes of LE-1. Students receive instruction in general military subjects with more structure and tradition than in LE-1. Cadets also receive an introduction to the exciting sport of marksmanship. LE-2 begins a cadet's orienteering training with map and compass.

**MCJROTC III** (0503)
1 elective or 1 PE credit – Grades 11-12
*Prerequisite*: MCJROTC 2

In this course, cadets resume building upon the subjects studied in LE-1 and LE-2, including various career options by beginning to learn more about public service and other possible careers for life after high school. Cadets also learn about job seeking and the interview process as well as receiving instruction in personal finances.

**MCJROTC IV** (0504)
1 elective or 1 PE credit – Grade 12
*Prerequisite:* MCJROTC 3

This course is the culmination of a cadet's Leadership Education studies. Cadets are expected to keep up with and be able to discuss current events. Social and cultural topics such as equal opportunity and sexual harassment are studied, and a research paper is required on a subject approved by the instructor. Cadets create a personal resume for future use after high school.

# *Career and Technical Education*

**SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM)**

Project Lead the Way (PLTW) is an Engineering program that promises to build our science, technology and math programs in GISD. PLTW is about learning real skills, solving real problems, and making real discoveries about the world. By working with your classmates, teachers, and parents, you can help create a learning experience unlike any other.
In PLTW classes, you work hands-on with technology that other students only read about. Instead of listening to a lecture about scientific principles and theories, you get to put them to the test in fun, exciting ways. You will build contraptions, learn about drafting and graphic design on the computer, use real lab equipment, and have fun while you are doing it. A PLTW class is the first step on your life's journey of imagination, innovation, and discovery. Start building a better world—and a better you—today.
To learn more about Project Lead the Way, go to www.pltw.org

**Introduction to Engineering Design (IED)** (9750)
1 credit – Grades 09-12
*Prerequisites*: None



Introduction to Engineering Design™ is the first of 5 Pre-Engineering courses that will give students a hands-on problem solving approach to the math and science concepts encountered in the Engineering fields. Students will use design development processes while enriching problem solving skills; students create and analyze models using specialized computer software. The Computer Aided Design component of the course will be taught primarily using Autodesk Inventor. ***Dual credit can be earned.***

**Principles of Engineering (POE)** (9755)
1 credit – Grades 10-12
*Prerequisite*: Intro to Engineering Design (IED)



Principles of Engineering (POE) exposes students to some of the major concepts they will encounter in a postsecondary engineering course of study as well as other high tech careers. POE gives students the opportunity to develop skills and understanding of course concepts through activity, project, and problem based learning. Used in combination with a teaming approach, POE challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education. ***Dual credit can be earned.***

**Problems and Solutions in F1 in Schools** (9790)
1 credit – Grades 10-12
*Prerequisites:* IED and concurrent enrollment in POE

This class is reserved for students interested in competing and supporting the F1 in Schools team.
building a better world—and a better you—today. To learn more about Project Lead the Way, go to www.pltw.org.

**Civil Engineering and Architecture (CEA)** (9785)
1 credit – Grades 11-12
*Prerequisite*: POE or EDP



Students learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students use 3D design software to design and document solutions for major course projects. Students communicate and present solutions to their peers and members of a professional community of engineers and architects. This course is designed for 11th or 12th grade students. ***Dual credit can be earned.***

**Engineering Design and Development (EDD)** (9775)
1 credit – Grades 11-12
*Prerequisite:*CEA or EDP or concurrent enrollment



In this capstone course, students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. Students perform research to choose, validate, and justify a technical problem. During this course some students may even apply for patents. It is a research intensive course, and students actually build and test prototypes. After carefully defining the problem, teams design, build, and test their solutions while working closely with industry professionals who provide mentoring opportunities. Finally, student teams present and defend their original solution to an outside panel.

**Engineering Mathematics** (9780)
1 credit – Grades 11-12
*Prerequisites: For PLTW Students Only*



Engineering Math is a course designed to complement the PLTW course of study. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming.

# *Career and Technical Education*

**PUBLIC SERVICES – HEALTH SCIENCE**

**Medical Terminology** (9455)
½ credit – Grades 10-12
*Prerequisites*: None

This course is designed to introduce students to the structure of medical terms, including prefixes, suffices, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. This course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. The student is expected to demonstrate communication skills using the terminology applicable to the health science industry.

**Principles of Health Science** (9450)
½ credit – Grades 10-12
*Prerequisite*: Medical Terminology

Medical Terminology (Fall) and Principles of Health Science (Spring) are the first year in a series of three years of health science courses. These courses provide a foundation in health science careers. Principles of Health Science includes an overview of anatomy and physiology, diseases, disorders, health and wellness, diagnostics and biotechnology systems of the health care industry.

**Health Science Clinical Rotations** (9460)
2 credits – Grades 10-12
*Prerequisite*: Principles of Health Science and Medical Terminology

This course is designed to provide for the development of advanced knowledge and health care skills related to a wide variety of health careers. This course includes learning patient care skills such as first aid, vital signs, CPR/AED, range of motion, and activities of daily living, as well as the subjects of safety, team building, problem-solving, and ethical and legal responsibilities. Students will have hands-on experience in clinical settings, including various patient care departments within the hospital and other health care facilities.

**Practicum in Health Science (Pharmacy Tech Certification)** (9465)
2 credits – Grade12
*Prerequisites*: Medical Terminology; Principles of Health Science; Health Science Clinical Rotations

The Practicum is designed to give students practical application, in the classroom and in clinical settings, of previously studied knowledge and skills of health science professions. Practicum experiences also include completion of a Pharmacy Technician course, preparing the student for the Pharmacy Technician certification exam.

**Practicum in Health Science (EMT Certification)** (9466)
2 Credits – Grade 12
Prerequisites: Medical Terminology; Principles of Health Science; Health Science Clinical Rotations

The Practicum is designed to give students practical application, in the classroom and in clinical settings, of previously studied knowledge and skills of health science professions. Students interested in pursuing an EMT certification will have the opportunity to complete a portion of the foundational coursework from the Weatherford College EMT program and be prepared for rotations with an EMS Department. Students must apply to the Weatherford College program upon graduation and be accepted in order to complete the EMT program.

**Anatomy & Physiology***(9470)
1 credit – Grades 11-12
*Prerequisites*: Biology I and Chemistry I
***4TH SCIENCE OPTION***

This course extends understanding of the structure and function of the human body. Students will explore physiological systems and associated pathologies. Higher order thinking is stressed through assessment and synthesis of the anatomical knowledge combined with exposure to clinical analysis. Principles of physiology will be applied to human health and well-being.

# *Career and Technical Education*

**PUBLIC SERVICES – EDUCATION AND TRAINING**

**Child Development** (9560)
½ credit – Grades 10-12
*Prerequisites*: None
*Partners with Interpersonal Studies*

This course addresses knowledge and skills related to child growth and development from prenatal through school-age children. Students will become equipped with child development knowledge that can be used to promote the well-being and healthy development of children and to investigate careers related to the care and education of children.

**Interpersonal Studies** (9565)
½ credit – Grades 10-12
*Prerequisites*: None
*Partners with Child Development*

This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

**Instructional Practices in Education and Training (Ready, Set, Teach)** (9325)
1 credit – Grades 11-12
*Prerequisite:* Child Development and Interpersonal Studies

This is a combination classroom and field-based internship in an elementary school. This class prepares students with background knowledge of child and adolescent development as well as the principles of effective teaching and training practices. Students will work under the joint direction and supervision of the classroom teacher as well as the partnering elementary teacher. Students will learn lesson plan development, instructional strategies and other responsibilities related to education. ***This is a 1st period course only and will require transportation to an elementary campus.***

**Human Growth and Development** (9330)
1 credit – Grades 11-12
*Prerequisite:* Child Development and Interpersonal Studies

This class is intended to be taken concurrently with Instructional Practices in Education and Training. (Can be taken senior year with appropriate academic advising.) The course covers introductory development psychology and human development. The course studies human development across the lifespan including cognitive, physical, emotional and social development milestones.

**Practicum in Education and Training** (9335)
2 Credits – Grade 12
*Prerequisite*: Instructional Practices in Education/Training

Education students have the opportunity to shadow an elementary teacher in a pre-student teaching role. This is the capstone course for Educating and Training and places a high school student in an elementary classroom to learn all aspects of teaching from a veteran teacher. Students are required to volunteer in an elementary classroom 10 hours per week. ***This is a 0/1st period course only and will require transportation to an elementary campus.***

# *Career and Technical Education*

**PUBLIC SERVICES – LAW, PUBIC SAFETY, CORRECTIONS AND SECURITIES**

**Principles of Law, Public Safety, Corrections, and Security** (9645)
1 credit – Grades 10-12
*Prerequisites*: None

Do you like to watch Cops, The First 24, or CSI television series? If you are interested in learning more about the law, then these courses in Law/Public safety are for you. This class introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

**Law Enforcement I** (9650)
1 credit – Grade 11-12
*Prerequisite*: Principles of Law, Public Safety, Corrections, and Security

Law Enforcement 1 is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. Students participate in mock trials and have the opportunity to visit local court systems.

**Law Enforcement II** (9655)
1 credit – Grade 12
*Prerequisite*: Law Enforcement I

Law Enforcement II includes knowledge of and preparation for postsecondary education and training or employment in the law enforcement field in the areas of forensic science, communications, law enforcement and investigations. The rules, regulations, laws and techniques that assist the law enforcement professional are applied through a variety of case studies and research analysis.

**Forensics** (9660)
1 credit – Grades 11-12
*Prerequisite*: 2 years of high school science
***4TH SCIENCE OPTION**

Have you ever watched CSI and asked “Do they really do that stuff” or think “I want to do that”? In Forensic Science you will learn that there is more to CSI than little flashlights and sunglasses. Students will learn terminology and investigative procedures related to crime scenes, questioning, interviewing, criminal behavior characteristics, and scientific procedures used to solve crimes. Through case studies and simulated crime scenes, students will use scientific methods to collect and analyze evidence, such as fingerprint analysis, ballistics, blood spatter, bones, autopsies, and DNA. Students will learn the history, legal aspects, and career options for forensic science. Do you have what it takes to be a true Crime Scene Investigator?

**Forensic Psychology** (9665)
1 credit – Grades 11-12
*Prerequisites:* None

Forensic psychology addresses the application of psychological research, methods, and expertise to issues that come before the legal system. Some topics include insanity, competency, jury-selection, expert-testimony, victimology and criminal profiling.

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – AGRICULTURE, FOOD, AND NATURAL RESOURCES**

**Principles of Agriculture, Food & Natural Res**. (9000)
1 credit – Grades 09-12
*Prerequisites*: None

Agriculture feeds and clothes the world! Learn about all aspects of agriculture including animals, horticulture, natural resources, and green energy. This foundational class introduces FFA and various leadership opportunities and competition within the ag program. Students do not have to raise an animal to be a part of the ag program.

**Livestock Production** (9005)
1 credit – Grades 10-12
*Prerequisites*: Principles of Agriculture, Food & Natural Resources

Got stock show? This course teaches basic animal care including immunizations, feeding schedules and animal showmanship. This one year course builds the foundation for Veterinary Medicine and strengthens large animal care skills. Large animal anatomy and physiology, genetics, reproduction and livestock disease are a part of the curriculum.

**Small Animal Management** (9008)
1 credit – Grades 10-12
*Prerequisites:* Principles of Ag

Do you love dogs, cats and other small animals? This is one year course builds a foundation in small animal care and veterinary medicine. Students will be guided through a canine handler's certification program and can earn a certification through the AKC. Students will have access to small animals on a daily basis and must not be allergic to pets. **Canine Handler's Certification may be offered.**

**Veterinary Medical Applications** (9015)
1 credit – Grades 11-12
*Prerequisites*: Livestock Production or Small Animal Management

Do you love pets? Get prepared to work in a veterinary clinic and gain skills to be a veterinary assistant. This is a laboratory-oriented course that provides hands-on experience with large and small animal care, customer service, and employability skills.

**Advanced Animal Science** (9010)
1 credit – Grades 11-12
*Prerequisites*: Principles of Ag, Food & Natural Resources; Livestock Production

This course builds and expands upon Livestock Production and offers further study in large animal care and is intended for students interested in large animal veterinary care. Classes often meet in the ag barn and assist students with immunizations and nutrition/feed schedules for barn animals. Recommended for students working toward a Veterinary Assistant Certificate.

**Dual Credit Advanced Animal Science (AGRI 1419)** (9012)
1 credit – Grades 11-12
*Prerequisites*: Livestock Production, TSI assessment and registration with Weatherford College

Develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics and reproduction, anatomy and physiology of various livestock species, nutritional requirements, and disease and parasites of livestock through field and laboratory experiences. This class is recommended for those students with an interest in Veterinary Science. First semester is Dual Credit Advanced Animal Science and second semester is Advanced Animal Science.

**Practicum in Agriculture, Food, and Natural Resources** (9025)
3 credits – Grades 12
*Prerequisite*: Vet Med App

This is your opportunity to have an internship at a veterinary clinic and get high school credit. Students work side-by-side with veterinary professionals and will gain direct insight into veterinary medicine. Students must intern at a clinic an average of 10 hours per week. Some clinics offer paid internships. The Veterinary Technician Certification exam preparation is the focus of this course**. Veterinary Medical Assistant Certification may be offered.**

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – AGRICULTURE, FOOD, AND NATURAL RESOURCES *CONT.***

**Equine Science (9350)**
½ credit – Grades 10-12
*Prerequisite*: Principles of Agriculture, Food and Natural Resources

Interested in raising horses or competing in rodeos? This course focuses on selection, anatomy, nutrition, and health management of horses. This course is recommended for students interested in Horse Judging Competition. Competition skills/knowledge will be practiced.

**Wildlife, Fisheries & Ecology Management** (9360)
½ Credit – Grades 10-12
*Prerequisite*: Principles of Agriculture, Food and Natural Resources

Are you an outdoor enthusiast? If you enjoy hunting, fishing, and other outdoor activities, this class will interest you. Wildlife, natural resources, fish, aqua crops, and ecology will be studied. Hunter Safety exam preparation and certification is a part of the curriculum. The Texas exam must be passed to earn the certification. **Texas Hunter Education may be offered.**

**Principles & Elements of Floral Design** (9365)
1 credit – Grades 10-12
*Prerequisites*: None

Bloom where you are planted! Start your semester with homecoming mum designs and learn how to make a profit with your talents. Discover art within natural elements and use your talent to create beautiful floral arrangements. This class teaches a variety of floral skills and horticulture development while applying artistic design. Students will have the opportunity to earn a floral certification. **Texas State Floral Certification may be offered.**

**AG MECHANICS / WELDING**

**Agricultural Mechanics & Metal Tech. (**9050)
1 credit – Grades 10-12
*Prerequisites*: Principles of Agriculture, Food and Natural Resources

Have you ever wanted to build a pipe fence, a trailer, deer blind or smoker? This is the first year in a series of three welding courses that will help you gain the skills to build and weld these things. This course develops an understanding of safety, tool operation, and metal working techniques. Students will be expected to use the cutting torch and MIG welders.

**Agricultural Facilities Design & Fabrication** (9055)
1 credit – Grades 11-12
*Prerequisite*: Ag Mechanics

Build a trailer, smoker or special interest project and enter your design in the Hood County Stock Show. This is the second course in a series of three welding classes. Your skills will be developed and strengthened as you fabricate a product. Students will gain academic and technical knowledge related to agricultural power systems and industry expectations.

**Practicum in Agriculture and Ag Mechanics** (9060)
2-3 credits – Grades 12
*Prerequisites*: Ag Facilities Design

This is your opportunity to have an internship as a welder and get high school credit. Students work side-by-side with welding professionals and will gain experience in welding and fabrication. Students must intern at a welding-related business an average of 10 hours per week. Some businesses offer paid internships. A major construction project for exhibition and/or competition is required.

**Professional Standards in Agribusiness** (9070)
1 credit – Grades 10-12
*Prerequisites: Officer Election and Instructor Approval*

This course primarily focuses on leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness. This class is intended for FFA officers and will be used to complete FFA duties and tasks associated with the agricultural program

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# *Career and Technical Education*

**BUSINESS AND INDUSTRY – ARTS AND AV**

**GRAPHICS TRACK**

**Graphic Design** (9150)
1 credit – Grades 10-12
*Prerequisites*: None



Are you interested in a future in graphic design? Do you ever look at magazines and wonder how they make photographs look so amazing. If so graphic design may be for you. In this fast paced class, students will analyze current and emerging technologies, while designing and creating graphic projects that address customer needs and industry standards. Students will learn how to create graphics while learning color theory, art principles, and layout and design concepts. Students will work with Adobe software programs Photoshop and Illustrator. **Adobe Certification may be offered.**

**Advanced Graphic Design and Illustration** (9155)
2 credits – Grades 11-12
*Prerequisites*: Graphic Arts or Commercial Photography



Do you have a creative side? Are you interested in graphics? In Graphic Design and Illustration students will learn advanced skills in Adobe Photoshop and Illustrator while demonstrating an understanding of the graphic design standards that are used in the industry. Student will focus on advanced elements and principles of visual art and design. Students will use their own digital photography to create numerous graphics projects. Students will be introduced to basic animation skills using Adobe Flash. Students will create a digital portfolio that can be used for opportunities in employment or post-secondary education. Students will participate in various community projects designing professional publications and graphics. Professional certification may be obtained during the course. **Adobe Certification may be offered.**

**Animation and Advanced Graphic Design** (9170)
1 credit – Grade 12
*Prerequisites*: Graphic Arts



Have you ever dreamed of working in an animation studio or creating graphics for video games? Students in Animation and Adv Graphic Design will integrate multiple graphic and animation programs to create individualized projects that meet industry standards. This class will prepare students for real-world opportunities in graphic design/animation. Students will be expected to explore different techniques in creating graphics. They will develop an understanding of the history and techniques of the animation industry. Students will be expected to participate in community-based problems projects. Programs such as Photoshop, Flash, Scratch , and Illustrator will be explored. Professional certifications may be obtained during the course. Honors credit can be earned if necessary requirements are met. **Adobe Flash Certification may be offered.**

**Digital Photography** (9190)
1 credit - Grades 11-12
*Prerequisites*: Graphic Design and Illustrations or Art I



Do you enjoy taking pictures and want to make money doing it someday? Digital photography may be for you! Careers in digital photography span all aspects of the industry from setting up a shot to selling photography in a competitive market. This class will take a hands-on approach to learning the skills needed to work in a photography environment. Students will create their own mock photography business. Students will develop an understanding of the demands of the digital photography industry with a focus on creating quality photographs. Students will learn the entire process from planning, taking, to editing and delivering. This class will include time in a computer lab, with use of Adobe Photoshop editing software. Students are asked to have some type of digital camera to use in class.

**Arts/AV Practicum Graphics** (9195)
1Credit – Grades 11-12
Prerequisite: Graphic Arts



This is an independent study course available to students to work in a self-paced independent production course focused on productions related to GISD as well as the Granbury Community. The students will be expected to successfully create a digital portfolio of their work that will be presented to a business/industry panel and can be used for acceptance to various colleges, trade schools, and internships. ***Honors credit can be earned if necessary requirements are met.*** **Extra hours outside of the normal class time may be required to complete projects and/or cover district activities and events at various GISD campuses.**

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – ARTS AND AV**

**VIDEO TRACK**

**Principles of Arts and AV** (9200)
½ credit – Grade 9
*Prerequisites*: None

This is a lab-oriented course that introduces students to the fundamentals of the Video and Graphics industries. Students use video camcorders and editing software as they learn to write, produce and edit a video production. Graphics for video and multimedia production will also be emphasized.

**Audio Video Production** (9205)
1 credit – Grades 10-12
*Prerequisites*: None

This is a hands-on class where students learn the basics of audio and video production. Students will learn camera operation, editing, directing, reporting, producing, writing and newsgathering while creating a variety of video projects that will air on GHS news. The class utilizes various video cameras, microphones, mixers and lighting equipment, along with Adobe's Premiere Pro Creative Suite editing software. Students in this class will be responsible for GHS video announcements.

**Advanced Audio Video Production** (9210)
2 credits – Grades 11-12
*Prerequisite*: Audio Video Production

This course refines the audio/video production skills to prepare the student for post-secondary education or entry-level employment in the media industry. Students will be responsible for the production of several district programs covering many activities and events at all campuses. The students will be expected to successfully create a digital portfolio of their work that will be presented to a business/industry panel and can be used for acceptance to various colleges, trade schools, and internships. The class utilizes a variety of video cameras, microphones, mixers, and lights, along with Adobe's Premiere Pro editing suite. ***Honors credit can be earned if necessary requirements are met.*** **Extra hours outside of the normal class time may be required to complete projects and/or cover district activities and events at various GISD campuses.** **Adobe Premier Pro Certification may be offered.**

**Practicum In AV Video** (9215)
2-3 credits – Grade 12
*Prerequisite:* Advanced AV Production

This is an independent study course available to students who have completed Advanced Audio/Video Production. The class is a self-paced independent production course focused on productions related to the GISD as well as the Granbury Community. The students will be expected to successfully create a digital portfolio of their work that will be presented to a business/industry panel and can be used for acceptance to various colleges, trade schools, and internships. *Honors credit can be earned if necessary requirements are met.* ***Honors credit can be earned if necessary requirements are met.***
**Extra hours outside of the normal class time will be required to complete projects and/or cover district activities and events at various GISD campuses.*

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – BUSINESS MANAGEMENT AND ADMINISTRATION**

**Principles of Business, Marketing, and Finance (**9505)
½ credit – Grades 09-12
*Prerequisites*: None

Have you ever thought about owning your own business? This class examines the foundations of small business management including product sales, advertising, and financial management. Learn about the small business world through projects, guest speakers, and relevant activities.

**Accounting I** (9405)
1 credit – Grades 10-12
*Prerequisites*: None

**The FBI** wants **you**.....all Accounting majors. One of the leading government agencies has an "ALL-CALL" out for accounting majors to fill their positions involving "white-collar" crime. If this interests you, then YOU need to register for Accounting 1 next year. This course also affords you the opportunity to try out for the three-time **UIL State Winning Accounting Team** at Granbury High School. Our Accounting Team is held in very high esteem throughout the state. Accounting is known as the "language of business"....learn how financial records are a part of everyone's life and everything in the business world revolves around ACCOUNTING. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information.

**Global Business** (9260)
½ credit – Grades 10-12
*Prerequisites*: None
Partners with Banking and Financial Services

Ever dream of international travel or living in another country? Global business will teach you the ways of the world and how the international market interacts together. Students will study a variety of cultures and how their business laws and traditions impact global decisions. Social, ethical, technical and international workplace skills will be developed.

**Banking and Financial Services** (9400)
½ credit – Grades 11-12
*Prerequisites*: Principles of Business, Marketing, and Finance
Partners with Global Business

Money, money, money – MONEY! Do you want to earn more money, save more money, and invest more money? Earn, Save, and Invest are the cornerstones of this class. Banking functions and financial literacy will be learned. Local bankers teach students banking strategies and how to be a successful banker, beginning with teller skills and services.

**Business Information Management** (9250)
1 credit – Grades 09-12
*Prerequisites*: None

Strengthen your resume and learn thorough instruction of the Microsoft Office Suite, including Word, Excel, Power Point, Access, Outlook and Publisher. This class offers the necessary skills required in all workplace settings as well as provide college-ready skills. Develop your basic knowledge into expert skills.

**Career Prep I** (9420)
3 credits – Grades 11-12
*Prerequisites*: None

Are you concerned about losing your job because of the economic down-turn? Career Preparation can help! Students will evaluate interests, abilities, and personal priorities related to employment. They will demonstrate effective methods to secure and maintain employment and understand the proper way to terminate employment. Some of the topics stressed include business ethics and etiquette, methods of working with difficult people, personal finances and income tax filing. Each student will secure and maintain employment in a teacher-approved training station, working an average of 15 hours per week. ***Zero period section available.***

**Career Prep II** (9425)
3 credits – Grade 12
*Prerequisite*: Career Prep I

Do you know how to turn your job into a career? Career Preparation II will show you how to become a valuable asset to any business! Students will evaluate interests, abilities, and personal priorities related to employment. They will demonstrate effective methods to secure and maintain employment and understand the proper way to terminate employment. Some of the topics stressed include workplace safety, legal responsibilities, and academic and technical skills for future education and employment. Each student will secure and maintain employment in a teacher-approved training station, working an average of 15 hours per week. ***Zero period section available.***

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – MARKETING**

**Principles of Business, Marketing, and Finance (**9505)
½ credit – Grades 09-12
*Prerequisites*: None



Have you ever thought about owning your own business? This class examines the foundations of small business management including product sales, advertising, and financial management. Learn about the small business world through projects, guest speakers, and relevant activities.

**Advertising and Sales Promo** (9705)
½ credit – Grades 10-12
*Prerequisites:* None
Partners with Sports/Ent Marketing



Advertising and Sales will teach you the essentials of marketing a product and making a profit. Creative sales strategies and advertising models will help businesses maximize their success. This is a great course to learn to grow a small business and offers an outgoing the opportunity to learn how to market products and services.

**Sports and Entertainment Marketing** (9710)
½ Credit – Grades 10-12
*Prerequisites:* Advertising and Sales
Partners with Advertising and Sales



Have you ever dreamed of working with athletes and celebrities? This growing market of professional management will teach you the steps in working in the fast-paced business. This is a great class for sports enthusiasts and those interested in following the entertainment industry. If you are interested in being an agent, an event planner, or want to learn more about this industry, come learn the various stages of sports and entertainment marketing.

**Entrepreneurship** (9265)1 credit – Grades 11-12
*Prerequisites*: Sales & Sports/Entertainment Marketing OR Banking/Finance & Global Business



Have you ever dreamed of owning your business? Research studies project that over 80% of students will own some type of small business in their life time. Entrepreneurship will guide students in the steps necessary to begin and operate a small business. The primary focus of the course is to help students understand the principles of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. The bottom line is profit – come learn how to own your own business!

# Career and Technical Education

**BUSINESS AND INDUSTRY – INFORMATION TECHNOLOGY**

**Principles of Information Technology (**9630)
½ credit – Grade 09-11
*Prerequisites*: None

Technology Careers are one of the fast growing job opportunities today. This course offers a foundational overview of the opportunities available in technology. Students will learn about computer hardware and software, basic computer programming, app design, networking, graphics and internet search resources. All of these technology skills will use Microsoft Office products as a foundational springboard.

**Web Technologies** (9605)
½ credit – Grades 10-12
*Prerequisites*: None
*Partners with Virtual Business*

Want to build a website and learn to enhance a personal blog site? Website construction and maintenance are tools that will be learned in this class. As a computer-based class, students have daily hands-on activities and projects to build HTML, XHTML and CSS skills/knowledge. Adobe Dreamweaver, Flash, Fireworks, and Photoshop foundations are learned. ***This course is only offered in the fall Semester.***

**Virtual Business** (9610)
½ Credit – Grades 10-12
*Prerequisites*: Web Technologies

Build your own website from beginning to end. After learning the foundations of website construction in Web Technologies, you will be able to implement learned skills and publish your own website. Building a "virtual" or online business will be one of several applicable projects that will be covered. True business skills necessary for success in today's modern society will strengthen your resume. **Adobe Dreamweaver Certification may be offered.** ***This course is only offered in the spring Semester.***

**Computer Programming and Video Game Design** (9620)
1 credit – Grades 10-12
*Prerequisites:* None

This is a beginning computer programming class which will provide foundational skills in C++ and Java languages. Students will acquire knowledge of structured programming techniques and concept appropriate to developing executable programs and creating appropriate documentation. Fundamental video game design concepts will be studied. Weatherford College Technical Credit can be earned.

**Advanced Computer Programming** (9625)
2 credits – Grades 11-12
*Prerequisites:* Computer Programming and Game Design

This course is the 2nd year of computer programming and game design. Students will learn more about programming languages, game design, and APP design Software Design and the development of programs using the appropriate language will be studied. Java and C++ will be the primary programming languages.

**Computer Maintenance** (9635)
1 credit – Grades 10-12
*Prerequisites*: None

This course is designed to provide students with the necessary skills to diagnose and repair computers and peripherals in a networked environment. The student will study the current software and hardware environment at Granbury High School. Students will learn to diagnose and repair the common problems associated with personal computers and any large area network. This course will provide technological real world employability skills in a fast paced, demanding industry and also to provide qualified student technicians to the area and community.

**Computer Technician** (9640)
2 credits – Grades 11-12
*Prerequisites:* Computer Maintenance

This internship-based class provides students the opportunity to work in the GISD Technology Department and assist with technology at GHS. The primary focus of this class is to study and earn A+ Certification. Students will spend some days in the GHS classroom and other days working in an internship program. Students must display maturity and responsibility at all times.

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – HOSPITALITY AND TOURISM**

**Principles of Hospitality and Tourism** (9500)
½ credit – Grades 10-12
*Prerequisites*: None
*Partners with Travel & Tourism Management*

The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry. Students are encouraged to participate in extended learning experiences such as CTE student organizations and other leadership or extracurricular organizations.

**Travel and Tourism Management** (9520)
½ credit – Grades 10-12
*Prerequisites* :None
*Partners with Principles of Hospitality and Tourism*

Students will continue the study of hospitality and tourism with a management focus. Students will research travel and tourism throughout the world and will compare/contrast lodging styles, travel options, entertainment choices, and learn how to create a full travel package, including an itinerary and budget. If you enjoy travel and dreaming of vacations, this class is for you.

**Lifetime Nutrition and Wellness (**9508)
½ credit – Grades 11-12
*Prerequisites*: None
*Partners with Restaurant Management*

Do you like to cook, try new recipes or plan healthy meals? This class concentrates on nutrition, food choices, and food management skills for individuals and families. This course teaches basic cooking skills, reading a recipe, along with making nutritional and healthy food choices. Students are encouraged to participate in extended learning experiences such as FCCLA and other extracurricular opportunities. ***This course is only offered in the fall semester.***

**Restaurant Management (**9510)
½ credit – Grades 11-12
*Prerequisites*: Lifetime Nutrition and Wellness
*Partners with Lifetime Nutrition and Wellness*

This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Students will learn
about a variety of career opportunities related to the food service industry. Students are encouraged to participate in extended learning experiences such as FCCLA and other extracurricular opportunities**. *This course is only offered in the spring semester.***

**Culinary Arts I** (9515)
1 credit – Grades 11-12
*Prerequisites*: Lifetime Nutrition and Wellness AND Restaurant Management

This is an introductory course into the professional world of food production. The student will have the opportunity to explore many facets of the food service industry. Food preparation will be the focus of this course as well as the opportunity to cater a variety of school-related events.

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – TRANSPORTATION, DISBRIBUTION AND LOGISTICS**

**Principles of Transportation, Distribution, and Logistics** (9800)
1 credit – Grades 10-12
*Prerequisites*: None

Do you like to work with your hands and figure out how things work? The Auto Tech series of courses allows students to troubleshoot and learn how mechanical systems work together. This first year course introduces students to the business and industry of transportation careers. Students will learn to understand the interaction between various vehicle systems and will practice safe shop practices. Foundational logistics and distribution services will be studied as students study a global plan of moving goods and services.

**Collision Repair & Refinishing** (9810)
1 credit – Grades 11-12
*Prerequisites*: Energy, Power & Transportation

Ever had a ding in the bumper or a small dent to repair? Collision and Repairs teaches the foundations of auto metal repair and reconditioning, auto rebuilding and auto refinishing, estimating costs of auto body repairs, and developing proper techniques for the applications of oxyfuel welding, cutting, brazing, soldering, and electric welding processes.

**Automotive Technology** (9805)
1 credit – Grades 11-12
*Prerequisites*: Energy, Power & Transportation Systems

Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems including oil changes, tire rotation, tire repair and brake systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

**Advanced Automotive Technology** (9815)
2 credits – Grades 12
*Prerequisites*: Automotive Technology

Automotive services include advanced knowledge of the function of the major automotive systems and principles of diagnosing and servicing these systems. Students will have the opportunity to learn how to diagnose auto systems and learn basic air conditioning system functions. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices in a pre-employment laboratory.

**Aviation (SR&D 2)** (9820)
1 credit Grades 11-12
*Prerequisite:* 1 year of high school science
***4TH SCIENCE OPTION**

Students will become familiar with the process that leads to a private pilot's license. They will visit the Granbury Regional Airport, study the active structures that make an airplane function and sit in the 'pilot in command' seat pointing out the function of all instruments on the control panel. Meteorology, navigation, mechanics of aircraft, control surfaces affecting flight, and careers in aviation are among the topics studied. This course will be taught by a certified pilot. Other field trips to nearby airports may be an important part of the curriculum.

# *Other Electives*

**VOCATIONAL ADJUSTMENT CURRICULUM**

Students receiving ARD Committee approval and who are at least 16 years of age will be provided the opportunity to participate in a cooperative work study program.

**EOC PREPARATION**

Students needing additional help preparing for EOC exams will be provided opportunities to meet individual testing needs.

**TECHNOLOGY APPLICATIONS**

**Fundamentals of Computer Science**
Grades 9-12
*Prerequisites:* Technology Applications

This course is for students just beginning the study of computer science. Students will learn about the computing tools that are used every day. This course will foster student's creativity and innovation through opportunities to design, implement and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect.

**Computer Science 1**
Grades 9-12
*Prerequisites:* Algebra 1

This course will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate to solve problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individual and groups in solving problems, students will select the technology appropriate to the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn and practice digital citizenship by researching current laws and regulations and by practicing integrity and respect.

**Digital Forensics**
Grades 9-12
*Prerequisites:* Technology Applications

This course will foster students' creativity and innovation by presenting opportunities to investigate simulations and case studies of crimes, reconstructing computer security incidents, troubleshooting operational problems, and recovering from accidental system damage. Students will collaborate to develop forensic techniques to assist with computer security incident response. Students will learn methods to identify, collect, examine, and analyze data while preserving the integrity of the information and maintaining a strict chain of custody for data. Students will solve problems as they study the application of science to the law. Students will learn and practice digital citizenship.

**Game Programming and Design**
Grades 9-12
*Prerequisites:* Algebra 1

This course will foster students' creativity and innovation by presenting students with opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate to solve gaming problems. Through data analysis, students will include the identification of task requirements, plan search strategies, and use programming concepts to access, analyze, and evaluate information needed to design games. By acquiring programming knowledge and skills that support the work of individual and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect.

**Mobile Application Development**
Grades 9-12
*Prerequisites:* Algebra 1 and Technology Applications

This course will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices. Students will collaborate to solve problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. By using software design knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate to the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect.

# Planning Tool – RECOMMENDED PROGRAM

**Granbury Independent School District Graduation Plan**

Student Name:_____

**Grad Yr. _____ REC ____ DAP____ FOUNDATION____ [____]**

| SUBJECT AREA | GRADE 8 | S 1 | S 2 | GRADE 9 | S 1 | S 2 | GRADE 10 | S 1 | S 2 | GRADE 11 | S 1 | S 2 | GRADE 12 | S 1 | S 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENGLISH—4 cr** | ___ English 1 | | | ___ English 1<br>___ Eng 2/PreAP | | | ___ English 2/PreAP<br>___ English 3/AP/DC<br>___ English 4/AP/DC<br>___Other | | | ___ English 3/AP/DC<br>___ English 4/AP/DC<br>___ DC Brit Lit/Tech Writing<br>___Other | | | ___ English 4 AP/DC<br>___ DC Brit Lit/Tech Writing<br>___Other | | |
| **MATH—4 cr**<br>***Math Models must be taken prior to Algebra 2** | ___ Algebra 1 | | | ___ Algebra 1<br>___ Geom/PreAP | | | ___ Geom/PreAP<br>___ Algebra 2/PreAP<br>___ Other: | | | ___ Geometry<br>___ Math Models<br>___ Algebra 2/PreAP<br>___ Pre Cal/PreAP<br>___ DC Alg/DC Cont Math<br>___ Other: | | | ___ Geometry<br>___ Algebra 2<br>___ AQR<br>___ Pre Cal/PreAP<br>___ AP Cal<br>___ AP Stats<br>___ DC Alg/DC Cont Math<br>___ Other: | | |
| **SCIENCE—4 cr**<br>***IPC must be taken prior to Chemistry and Physics for a Recommended Diploma. IPC not allowed for DAP diploma.** | | | | ___ Biology/PreAP<br>___ IPC | | | ___ IPC<br>___ Biology/AP<br>___ Conceptual Physics<br>___ AP Physics 1<br>___ Chemistry/PreAP | | | ___ Conceptual Physics<br>___ AP Physics 1 or 2<br>___ Chemistry/PreAP<br>___ AP Chem<br>___ Other: | | | ___ Chemistry<br>___ Conceptual Physics<br>___ Anat & Phys<br>___ AP/DC Bio<br>___ AP Chemistry<br>___ AP Physics 1 or 2<br>___ Other: | | |
| **SOCIAL STUDIES**<br>**3½ cr + ½ cr for Economics** | | | | ___ World Geo/PreAP | | | ___ World Geo<br>___ World History/AP<br>___ US History/AP/DC | | | ___ US History/AP/DC<br>___ Other: | | | ___ US Gov/AP/DC<br>___ Economics/AP<br>___ Other: | | |
| **FOREIGN LANG**<br>**2 cr Rec/Found**<br>**3 cr DAP**<br>***Must be 2 or 3 years of the same language** | ___ Spanish 1<br>___ AP Spanish 4 | | | ___ Spanish 1 or 2<br>___ AP Spanish 5<br>___ French 1<br>___ ASL 1 | | | ___ Span 1, 2, or Pre AP3<br>___ AP Span 5<br>___ ASL 1 or 2<br>___ French 1 or 2<br>___ Other: | | | ___ Span 1, 2, or PreAP3<br>___ AP Span 4 or 5<br>___ ASL 1, 2, or 3<br>___ French 1, 2, or PreAP3<br>___ Other: | | | ___ Span 1, 2, or PreAP3<br>___ AP Span 4 or 5<br>___ ASL 1,2, or 3<br>___ French 1, 2, or PreAP 3<br>___ AP French 4 | | |
| **PE EQUIV 1 cr** | ___Ath ___ PE<br>___JV Drill | | | ___ PE or Equiv | | | ___ PE or Equiv | | | ___ PE or Equiv | | | ___ PE or Equiv | | |
| **SPEECH—1/2 cr** | | | | ___Comm App/Prof Comm | | | ___Comm App/ Prof Comm | | | ___Comm App/Prof Comm | | | ___Comm App___ Prof Comm | | |
| **FINE ARTS—1 cr** | ___ Band Choir<br>___ Art<br>___ Theatre Arts | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/TechTH | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/TechTH | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/TechTH | | |
| **ELECTIVES—** | ___ GTT | | | | | | | | | | | | | | |
| 5 ½ cr Rec/4 ½ cr DAP<br>5 cr Foundation | | | | | | | | | | | | | | | |
| *4 advanced measures required for DAP diploma | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| **TOTAL CREDITS:** | | | | | | | | | | | | | | | |

# Planning Tool – FOUNDATAION PROGRAM

Student Name:_____

Date:_____

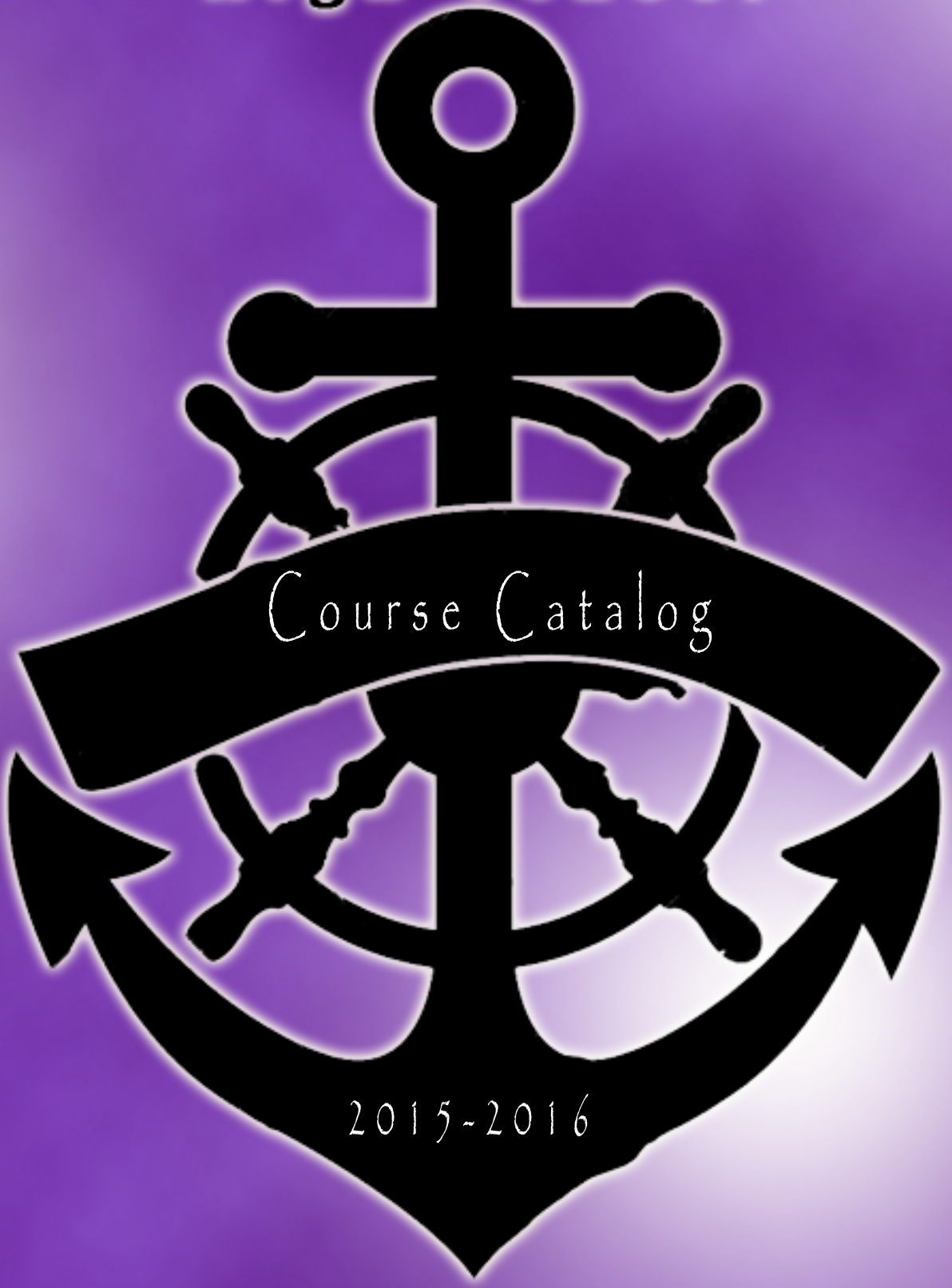
## GISD Planning Tool

**Grad Yr. _____ Endorsement:_____**

***Algebra 2 is required for Distinguished Achievement and STEM***

| SUBJECT AREA | GRADE 8 | S 1 | S 2 | GRADE 9 | S 1 | S 2 | GRADE 10 | S 1 | S 2 | GRADE 11 | S 1 | S 2 | GRADE 12 | S 1 | S 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENGLISH—4 cr** | ___ English 1 | | | ___ English 1<br>___ Eng 2/PreAP | | | ___ English 2/PreAP<br>___ English 3/AP/DC<br>___ English 4/AP/DC<br>___Other | | | ___ English 3/AP/DC<br>___ English 4/AP/DC<br>___ DC Brit Lit/Tech Writing<br>___Creative Writing | | | ___ English 4 AP/DC<br>___ DC Brit Lit/Tech Writing<br>___Creative Writing<br>___Speech | | |
| **MATH—3 cr**<br>***Math Models must be taken prior to Algebra 2** | ___ Algebra 1 | | | ___ Algebra 1<br>___ Geom/PreAP | | | ___ Geom/PreAP<br>___ Algebra 2/PreAP<br>___ Other: | | | ___ Geometry<br>___ Math Models<br>___ Algebra 2/PreAP<br>___ Pre Cal/PreAP<br>___ DC Alg/DC Cont Math<br>___ Statistics<br>___ Algebraic Reasoning | | | ___ Geometry<br>___ Algebra 2<br>___ AQR<br>___ Pre Cal/PreAP<br>___ AP Cal<br>___ AP Stats<br>___ DC Alg/DC Cont Math<br>___ Statistics<br>___ Algebraic Reasoning<br>___ Engineering Math | | |
| **SCIENCE—3 cr**<br>***IPC must be taken prior to Chemistry and Physics for a Recommended Diploma.** | | | | ___ Biology/PreAP<br>___ IPC | | | ___ IPC<br>___ Biology/AP<br>___ Conceptual Physics<br>___ AP Physics 1<br>___ Chemistry/PreAP | | | ___ Conceptual Physics<br>___ AP Physics 1 or 2<br>___ Chemistry/PreAP<br>___ AP Chem<br>___ Other: | | | ___ Chemistry<br>___ Conceptual Physics<br>___ Anat & Phys<br>___ AP/DC Bio<br>___ AP Chemistry<br>___ AP Physics 1 or 2<br>___ Other: | | |
| **SOCIAL STUDIES**<br>**2½ cr + ½ cr for Economics** | | | | ___ World Geo/PreAP | | | ___ World Geo<br>___ World History/AP<br>___ US History/AP/DC | | | ___ US History/AP/DC<br>___ Other: | | | ___ US Gov/AP/DC<br>___ Economics/AP<br>___ Other: | | |
| **FOREIGN LANG**<br>**2 cr Rec/Found**<br>**3 cr DAP**<br>***Must be 2 years of the same language** | ___ Spanish 1<br>___ AP Spanish 4 | | | ___ Spanish 1 or 2<br>___ AP Spanish 5<br>___ French 1<br>___ ASL 1 | | | ___ Span 1, 2, or Pre AP3<br>___ AP Span 5<br>___ ASL 1 or 2<br>___ French 1 or 2 | | | ___ Span 1, 2, or PreAP3<br>___ AP Span 4 or 5<br>___ ASL 1, 2, or 3<br>___ French 1, 2, or PreAP3 | | | ___ Span 1, 2, or PreAP3<br>___ AP Span 4 or 5<br>___ ASL 1,2, or 3<br>___ French 1, 2, or PreAP 3<br>___ AP French 4 | | |
| **PE EQUIV 1 cr** | ___ Ath ___ PE | | | ___ PE or Equiv | | | ___ PE or Equiv | | | ___ PE or Equiv | | | ___ PE or Equiv | | |
| **FINE ARTS—1 cr** | ___ Band Choir<br>___ Art<br>___ Theatre Arts | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/Tech TH | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/Tech TH | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/Tech TH | | |
| **5 Endorsement** | ___ GTT | | | | | | | | | | | | | | |
| **ELECTIVES—** | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | |
| **TOTAL CREDITS:** | | | | | | | | | | | | | | | |

# STARS Accelerated High School



# Our Vision

## GISD Mission

Our mission, in collaboration with unique partnerships, is to provide a rigorous academic curriculum along with enriching and individualized opportunities empowering every student to compete in an ever-changing world.

*Cover designed by Jaci Largent, GHS Class of 2017.*

# 2015-2016

# Junior and Senior Course Catalog

*STARS Accelerated High School Students,*

*We are very pleased to present this Pirate Course Catalog. Please use it as a guide for designing a successful academic path at STARS Accelerated High School. As you choose your classes, consider your future very purposefully. Do you plan to enter college, a technical school, serve in the armed forces, or move directly into a chosen career upon your graduation from STARS? You will need to be enrolled in the courses our state has mandated, and choose electives that will lead you to your future goals.*

*Granbury Independent School District is committed to guiding you in helping make your future goals a reality. The career clusters will assist you in selecting the courses and programs that will best serve your needs. You will be able to identify a career area of interest and develop an academic plan to support your choices. Activities and electives will be reflective of your chosen career area.*

*You are to select one of the Achieve Texas Career Clusters prior to your freshman year of school. A four-year plan will be established to support your choice and be evaluated annually. We will do our best to schedule you for the classes you have carefully chosen within the pathway. If a conflict is unavoidable, we will consider every option that is focused on your success.*

*We look forward to the coming school year and want it to be a positive building block in your future. We are joining with your parent/guardian to form a partnership promoting your educational success. We encourage you to become and remain an active member of our campus life. We are committed to excellence and your academic success now and in the future!*

**Edwin Young**
Principal
STARS Accelerated High School

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***Grade Classification:***
After the ninth grade, students are classified according to the number of credits earned toward graduation. Reclassifications are made at the beginning of each school year.

| Credits Earned | Grade Classification |
|---|---|
| 6 | 10th(Sophomore) |
| 12 | 11th(Junior) |
| 17 | 12th(Senior) |

***Class Load:***
All students ***must*** take a full class load each semester.

***Schedule Changes:***
Course selections made during pre-registration are considered ***final***. Any request for a change in course after spring pre-registration must be made in writing. Students may not drop or add a course after ***five class days***. The random changing of courses at the beginning of school will not be honored due to the effect these changes have on classroom enrollment and the disruption of classroom instruction.
***When a student selects a course, he/she is expected to complete it.***

NOTE: A course dropped after the change period may be recorded as an F.

***Dual Credit Courses:***
Students who are exempt or have passed one of the tests under the Texas Success Initiative (TSI) may register for concurrent college and high school credit in selected courses offered by cooperating colleges. The student is responsible for paying tuition, books and any fees, which are required by the college for credit and negotiated with Weatherford College. Dual credit courses will be offered pending arrangements with colleges for onsite instructors. Students can only earn 29 hours of college credit at GHS.
If you pre-register for a dual credit class, register to take the TSI test. You must take the test before you enroll in college courses ***unless you are exempt*** by your SAT or ACT scores.
The exemption policy is posted in all English classes and in the Counseling Office. See your Counselor if you have questions.
***You must provide proof of the scores or exemption by the GHS registration date in August or you will be removed from the dual credit classes.***
**It is the student's responsibility to contact the college(s) to find out which dual credit courses will transfer or the AP test score required to earn college credit.

***Testing Requirements:***
Students will be required to demonstrate success on the following End-of-Course exams to meet graduation requirements: Algebra 1, English 1, English 2, Biology, and United States History.

***Scheduling:***
Granbury ISD operates on a traditional 7-period schedule. Each semester is divided into three six-week grading periods. Progress reports are provided every three weeks, with report cards distributed at the end of each six-week period.

***Registration Information:***
- Counselors will schedule academic conferences with students and parents to ensure proper academic placement. These conferences will begin in January and end by spring break.
- Teachers/staff are hired, and the master schedule is set, including class sizes, according to student selections. Staffing needs are dependent upon the integrity of this process.
- Courses listed in the catalog are subject to student selection patterns and staffing availability and though offered, may not actually become a part of the schedule.

***Registration Instructions:***
1. **Determine Graduation Plan** (Foundation, Recommended, or Distinguished). If **Foundation**, select **endorsement.**
2. **Update your four-year plan** using your selected graduation plan.
3. **Choose the courses** necessary to complete your schedule for next year. Be sure to **choose three alternative** elective courses.
4. Be sure to have your **parent/guardian sign** your course selection sheet.
5. High school students who are concurrently enrolled at **Weatherford College** need to see their guidance counselor for academic advising.

# Graduation Requirements

## 4 X 4 Graduation Plans

The following requirements apply to students first entering the 9th grade in the fall of 2010 through the fall of 2013.

### 26-Credit Recommended High School Program

**ENGLISH……..……..4**
Must consist of English I, 2, 3, and 4 (ESOL 1 and 2 may be substituted appropriately).

**MATHEMATICS……..……..4**
Must include Algebra 1, Geometry, Algebra 2 and at least one course from the following:
- Math Models with Application – must be completed prior to Algebra 2
- A math course with Algebra 2 as a prerequisite

**SCIENCE……..……..4**
Three credits must consist of Biology, Chemistry, Physics, and at least one course from the following
- IPC – must be completed prior to Chemistry and Physics
- An additional lab-based science course.

**SOCIAL STUDIES……..……..4**
Must include US History, one-half credit Government, one-half credit Economics, World History, and World Geography

**OTHER LANGUAGES……..……...2**
Must consist of 2 levels in the same language

**FINE ARTS……..……...…1**
Choir, Band, Dance, Art, Theatre Arts, Principles & Elements of Floral Design

**PHYSICAL EDUCATION……..……...1**
May include Athletics or PE (up to 4 credits), Drill Team 1, JROTC 1, Cheerleading, the fall semesters of Marching Band

**SPEECH……..……..……..0.5**
**ELECTIVES……..……..5.5**

**TOTAL CREDITS……..……26**

**STATE ASSESSMENT PERFORMANCE**
In addition to the credit requirements as listed above, students who entered the 9th grade in 2011 and after must meet passing standards on English 1, English, Algebra 1, Biology, and U.S. History EOC Exams.

### 26-Credit Distinguished High School Program

**ENGLISH……..……..4**
Must consist of English I, 2, 3, and 4 (ESOL 1 and 2 may be substituted appropriately).

**MATHEMATICS……..……..4**
Must include Algebra 1, Geometry, Algebra 2 and at least one course with Algebra 2 as a prerequisite.

**SCIENCE……..……..4**
Three credits must consist of Biology, Chemistry, Physics, and at least one additional lab-based science course. (IPC will not satisfy this requirement.)

**SOCIAL STUDIES……..……..4**
Must include US History, one-half credit Government, one-half credit Economics, World History, and World Geography

**OTHER LANGUAGES……..……...3**
Must consist of 3 levels in the same language

**FINE ARTS……..……...…1**
Choir, Band, Dance, Art, Theatre Arts, Principles & Elements of Floral Design

**PHYSICAL EDUCATION……..……...1**
May include Athletics or PE (up to 4 credits), Drill Team 1, JROTC 1, Cheerleading, the fall semesters of Marching Band

**SPEECH……..……..……..0.5**
**ELECTIVES……..……..4.5**

**TOTAL CREDITS……..……26**

**STATE ASSESSMENT PERFORMANCE**
In addition to the credit requirements as listed above, students who entered the 9th grade in 2011 and after must meet passing standards on English 1 Reading and Writing, English 2 Reading and Writing, Algebra 1, Biology, and U.S. History EOC Exams.

**ADVANCED MEASURES**
In addition to the requirements listed above, DAP candidates must meet appropriate advanced measures. Work closely with your counselor to ensure these have been met.

# Graduation Requirements

## The Foundation High School Program + Endorsement

The following requirements apply to students first entering the 9th grade in the fall of 2014 and thereafter.

### FOUNDATION HIGH SCHOOL PROGRAM (FHSP)

*The 22-Credit Foundation is Required for All Endorsements*

**ENGLISH……..……..4**
Must consist of English I, 2, 3 (ESOL 1 and 2 may be substituted appropriately), and an additional/advanced English course.

**MATHEMATICS……..……..3**
Must include Algebra 1, Geometry, and an additional/advanced math course beyond Algebra 1

**SCIENCE……..……..3**
Must include one Biology credit, one credit selected from IPC, Chemistry, or Physics; and one additional/advanced science course

**SOCIAL STUDIES……..……..3**
Must include US History, one-half credit Government, one-half credit Economics, and World History **or** World Geography

**OTHER LANGUAGES……..……...2**
Must consist of 2 levels in the same language

**FINE ARTS……..…1**
Choir, Band, Dance, Art, Theatre Arts, Principles & Elements of Floral Design

**PHYSICAL EDUCATION……..1**
May include Athletics or PE (up to 4 credits), Drill Team 1, JROTC 1, Cheerleading, the fall semesters of Marching Band

**ELECTIVES……..5**

**FHSP SUBTOTAL CREDITS……..….22**

**ADDITIONAL REQUIREMENTS FOR ENDORSEMENTS**

**MATHEMATICS……1**

**SCIENCE……...1**

**ENDORSEMENT-SPECIFIC ELECTIVES……..…2**
Electives must be chosen from one of the endorsement areas of STEM, Business and Industry, Arts and Humanities, Public Services, or Multidisciplinary Studies

**TOTAL CREDITS: FHSP + ENDORSEMENT……...26**
College Board Advanced Placement and Dual Credit courses may be substituted in appropriate areas for both Foundation and Endorsement credits.

**STATE ASSESSMENT PERFORMANCE**
In addition to the credit requirements as listed above, students must meet passing standards on the following End-of-Course Exams:

- English I;
- English II;
- Algebra I;
- Biology;
- United States History

### ENDORSEMENTS

All students are required to declare an endorsement in writing. Students will be permitted to change their endorsement with written notification.

There are five endorsement options, which allow students flexibility based on individual interests and career goals. Each endorsement category is designed to prepare students to successfully enter postsecondary education or the workforce upon graduation from high school.

The endorsement and the career areas to which they correspond are as listed below:

- **STEM** – Science, including Computer Science; Technology; Engineering and Mathematics;
- **PUBLIC SERVICES** – Education and Training; Government and Public Administration; Health Science; Human Services; and Law, Public Safety, Corrections and Security;
- **BUSINESS AND INDUSTRY** – Agriculture, Food, and Natural Resources; Architecture and Construction; Business Management and Administration; Finance; Hospitality and Tourism; Information Technology; Manufacturing; Marketing; Transportation; and Journalism, including broadcast journalism, newspaper, and public speaking;
- **ARTS AND HUMANITIES** – Fine Arts; Economics with Emphasis on Free Enterprise; English Language Arts; and Languages Other than English;
- **MULTIDISCIPLINARY STUDIES** – Allows students to take courses in several endorsement areas as listed

### RECOGNITIONS

Students have the opportunity to earn additional recognitions in the following areas.

**DISTINGUISHED LEVEL OF ACHIEVEMENT**

A student may earn a distinguished level of achievement by successfully completing all curriculum requirements for the Foundation High School Program, plus

- A fourth credit in mathematics, which must include Algebra II;
- A fourth credit in science;
- The requirements of at least one endorsement
- A student must graduate with a Distinguished Level of Achievement to be eligible for automatic admission to a Texas public college or university.

**PERFORMANCE ACKNOWLEDGEMENTS**

A student may earn a performance acknowledgement in one or more of the following categories:

- AP test score of 3 or higher ***or*** Outstanding performance on the PSAT(Commended or higher) ***or*** ASPIRE (college ready on at least 2 of 4 subject tests) ***or*** the SAT (1250) **or** the ACT (28);
- 12 hours of college credit College Grade of 3.0 or above) ***or*** Associate's Degree
- Bilingualism and biliteracy; and
- Earning a nationally or internationally recognized business or industry certification or license

# Endorsement Options

## STEM

**STEM (Science Technology Engineering Math) requires the completion of Algebra 2, Chemistry, and Physics**

***Mathematics:*** (Choose 2)
Pre-Calculus, AP Statistics, Engineering Mathematics, AP Calculus, DC Math (2 courses), Advanced Quantitative Reasoning

***Science:*** (Choose 3)
AP Physics 1, AP Physics 2, AP Biology, DC Science (2 courses), Anatomy and Physiology, Forensics, Aviation, AP Chemistry, AP Environmental, Aquatics, Environmental, Advanced Animal Science, Principles of Engineering

***Engineering:***
*Choose 2*:
Intro to Engineering Design
Principles of Engineering
*Choose 1*:
Civil Engineering and Architecture
Engineering Design and Development
*Plus one additional CTE Credit*

## ARTS AND HUMANITIES

**Arts and Humanities requires the completion of one additional mathematics course and one additional science course**

***Social Studies***: *Choose 5* credits (3 are part of FHSP)
World Geography, World History (includes AP), US History (includes AP and DC), US Government (includes AP and DC), Economics (includes AP), AP European History, Psychology, Sociology

***English:*** *Choose 4* credits
English IV (includes AP and DC), Creative Writing, Humanities, Communication Applications (1/2 credit), AP English Literature and Composition, Literary Genres

***Languages Other than English:***
*Choose 4* levels of the same language or 2 levels from 2 different languages:
- Spanish
- French
- ASL

***Dance***: Four levels of Dance

***Music***: Four levels of Music, Band, or Choir

***Theatre Arts:*** Four levels of Theatre Arts, Technical Theatre, or Theatre Production

***Art:***
Art 1 *and*
*Choose 1:*
- Art 2 Drawing
- Art 2 Painting
- Art 2 Print Design
- Art 2 Ceramics
- Art 2 Sculpture

*Choose 1:*
- Art 3 Advanced Print Design
- Pre-AP Art 3 Portfolio
- AP Art 3 Drawing
- Art 3 Photography

*Choose 1*:
- Art 4 Advanced Photography
- AP Art 4 Two-Dimensional Design

## PUBLIC SERVICES

**Public Services requires the completion of one additional mathematics course and one additional science course**

***Health Science***:
*Choose 2 credits*:
- Principles of Health Science
- Medical Terminology
- Health Science 1

*Choose 1 advanced credit*:
- Practicum in Health Science (EMT or Pharm Tech)
- Anatomy and Physiology

*Plus one additional CTE Credit*

***Education and Training***
*Choose 2 credits*:
- Child Development
- Interpersonal Studies
- Instructional Practices in Education and Training

*Choose 1 advanced credit*:
- Human Growth and Development
- Practicum in Education and Training

*Plus one additional CTE Credit*

***Law Public Safety, Corrections, and Securities:***:
*Choose 2 credits*:
- Principles of Law, Public Safety, Corrections, and Securities
- Law Enforcement I

*Choose 1 advanced credit*:
- Law Enforcement II
- Forensic Science
- Forensic Psychology

*Plus one additional CTE Credit*

***JROTC***
Four courses in JROTC

## MULTIDISCIPLINARY STUDIES

**Multidisciplinary Studies requires the of completion one additional mathematics course and one additional science course**

***4 Advanced Courses:***
*Choose 4* Advanced Courses from
- AP Courses
- DC Courses
- Other Advanced Courses not in a coherent sequence

***4 Advanced Placement or Dual Credit Courses:***
*Choose 4* AP/DC Courses from:
- One AP/DC English Course
- One AP/DC Math Course
- One AP/DC Social Studies Course
- One AP/DC Science Course
- One AP/DC Languages other than English
- One AP/DC Fine Arts

***4 Credits in Foundation Areas:***
*Choose 4* Advanced Courses from
- English 4
- Chemistry
- Physics
- Additional Math
- Additional Social Studies

# Endorsement Options

## BUSINESS AND INDUSTRY

**Business and Industry requires the completion of one additional mathematics course and one additional science course**

***Agriculture, Food and Natural Resources***:

*Choose 2* credits from:
- Principles of Ag, Food, and Natural Resources
- Livestock Production
- Small Animal Management
- Ag Mechanics and Metal Tech
- Equine Science
- Wildlife, Fisheries, and Ecology Management
- Principles and Elements of Floral Design

*Choose 1* credit from:
- Veterinary Medical Applications
- Advanced Animal Science
- Agricultural Facilities Design and Fabrication
- Practicum in Ag, Food, and Natural Resources

*Plus one additional CTE credit*

***Arts A/V Technology:***

*Choose 2* credits from:
- Principles of Arts and A/V
- Animation+
- Audio Video Production
- Graphic Design and Illustration
- Commercial Photography
- Professional Communications

*Choose 2* credits from:
- Advanced Graphic Design and Illustration
- Advanced A/V Production
- Practicum in A/V Production
- Practicum in Graphic Design and Illustration

***Business Management and Administration:***

*Choose 2* credits from:
- Principles of Business, Marketing, and Finance
- Banking and Financial Services
- Accounting 1
- BIM

*Choose 1* advanced credit from:
- Global Business
- Virtual Business
- Web Technologies
- Accounting II

*Plus one additional CTE credit*

***Marketing:***

*Choose 2* credits from:
- Advertising and Sales Promo
- Entrepreneurship
- Sports and Entertainment Marketing

*Choose 1* advanced credit from:
- Marketing Dynamics

*Plus one additional CTE credit*

## BUSINESS AND INDUSTRY *cont.*

**Business and Industry requires the completion of one additional mathematics course and one additional science course**

***Information Technology***:

*Choose 1 ½* credits from:
- Principles of Information Technology
- Computer Maintenance
- Computer Programming

*Choose 2* advanced credits from:
- Computer Technician
- Advanced Computer Programming

*Plus ½ additional CTE credit*

***Hospitality and Tourism***:

*Choose 2* ***credits*** from:
- Principles of Hospitality and Tourism
- Restaurant Management
- Travel and Tourism
- Lifetime Nutrition and Wellness

*Choose 1* advanced ***credit*** from:
- Culinary Arts

*Plus one additional CTE credit*

***Transportation, Distribution, and Logistics***:

*Choose 2* credits from:
- Principles of Trans, Distribution, and Logistics
- Automotive Technology

*Choose 1 advanced* credit from:
- Advanced Automotive Technology
- Collision Repair and Refinish

*Plus one additional CTE credit*

***Advanced Journalism/Yearbook:***

*Choose 3* courses from:
- Journalism/Yearbook 1
- Journalism/Yearbook 2
- Journalism/Yearbook 3

*Choose 1* additional English Course

***Public Speaking:***

*Choose 3* courses from:
- Debate 1
- Debate 2
- Debate 3

*Choose 1* additional English Course

**Not all Endorsements available at STARS Accelerated High School, please work with your counselor to ensure all graduation requirements are met.*

# Associate's Degree Concurrent with High School Diploma

***Requirements for Completing Concurrent Associate's Degree with High School Diploma:***

- WC offers GISD students AA, AS, and an AAS Degrees*
- Must complete the Core requirements
- Must have college sixty hours, only 29 college hours can be completed at GHS
- Must complete High School Graduation Requirements
- Must be advised by GISD counselor AND a Weatherford College Advisor
- Should have a degree plan from a Weatherford College Advisor

***Additional Information for Success***

- Must collaborate explicitly with GHS counselor and Weatherford College academic advisor
- Would need to take English 1 and Algebra 1 in Grade 8
- Must meet "Exceptional Student" requirement to start college work in Grade 10
- Limited to 29 Dual Credit Hours at GHS by SACS rule
- After 29 Credit hours at GHS, must complete other hours at Weatherford College
- Weatherford College Math 2412/2413/2414/2415 and Weatherford College Phys 2425/2426 can be 4th year advanced math/science credit
- Weatherford College classes can be taken at Granbury Education Center or Weatherford College in Weatherford
- Weatherford College classes can be taken during regular semesters, Summer I and/or Summer II

**Associate's Degree/Education**
**Concurrent with HS Diploma**
*(Sample Plan)*

Grade 10
- DC Eng 1301/1302
- TECA 1354/1303
- WC Speech1315
- WC Kine 1238

Grade 11
- DC Eng 2311/2331
- DC US Hist 1301/1302
- DC Math 1314
- WC Drama 1310
- WC Educ 1301/2301
- WC Biol 1406

Grade 12
- DC Govt 2305/2306
- WC Math 1350/1351
- WC Phys 1415/1417
- WC Econ 2301
- WC Geog 1301

*This is an example of an Associate's Degree through Weatherford College/GHS partnership. This fully transfers to Tarleton toward a degree in education and a teaching certification.*

**Associate's Degree/Engineering**
**Concurrent with HS Diploma**
*(Sample Plan)*

Grade 10
- DC Eng 1301/1302
- WC Speech1315
- WC Psyc 2314

Grade 11
- DC Eng 2311/2331
- DC US Hist 1301/1302
- WC Drama 1310
- WC Psyc 2301
- WC Math 2412/2413
- WC Chem 1411/1412

Grade 12
- WC Math 2414/2415
- DC Govt 2305/2306
- WC Phys 2425/2426
- WC Kine 1230/1164

*This is an example of an Associate's Degree through Weatherford College/GHS partnership. College credit for Introduction to Engineering Design and Principles of Engineering is awarded by the University of North Texas.*

# Course Description Legend

***Course Description Information:***

| | |
|---|---|
| **Course Name** (Course Number)<br>Credits Earned – Intended Grade Level(s)<br>*Prerequisites:* Course required prior to enrollment<br><br>(Course Indicators)<br><br>Full course description. | **English 1** (0110)<br>1 credit - Grade 9<br>*Prerequisites:* None<br><br><br>Provides a year-long program of interrelated language skills with study in the areas of reading, writing, spelling and vocabulary. Includes a study of literature, creative writing, and introductory research skills. |

***Course Indicators:***

The following legend for Course Indicators will be used throughout the course catalog.

| | |
|---|---|
|  | • **Foundation Course Requirement** |
|  | • **STEM Endorsement** |
|  | • **Business & Industry Endorsement** |
|  | • **Public Services Endorsement** |
|  | • **Arts & Humanities Endorsement** |
|  | • **Multidisciplinary Studies Endorsement** |
|  | • **Weighted Course. Courses with this icon carry a 5-point weight.** |
|  | • **Distinguished Achievement** |
|  | • **End of Course Test Required** |
|  | • **Advanced Placement Course**<br>• **AP Exam at End of Course for College Credit** |
|  | • **Dual Credit Course**<br>• **College Entrance Requirements Must Be Met** |
|  | • **Teacher Approval Required** |
|  | • **Outside of Class Commitment** |
|  | • **Certification Available** |
|  | • **2 Periods During the School Day** |
|  | • **Physical Required to Enroll**<br>• **Must be received BEFORE the first day of practice** |

# *English*

**English 1** (0110)
1 credit - Grade 9
*Prerequisites:* None



Provides a year-long program of interrelated language skills with study in the areas of reading, writing, spelling and vocabulary. Includes a study of literature, creative writing, and introductory research skills.

**English 2** (0120)
1 credit - Grade 09-10
*Prerequisite:* English 1



Develops writing skills through a study of grammar, usage, mechanics, and vocabulary. The course provides a survey of world literature and integrates writing with the study of literature.

**English 3** (0130)
1 credit – Grades 10-11
*Prerequisites*: English 1 and English 2



Provides a survey of American literature, including representative writers and their contributions to the literary heritage of the U.S. Also, inte*grates writing skills with the study of literature and the research process.*

**English 4** (0140)
1 credit – Grades 11-12
*Prerequisites:* English 1, English 2, and English 3



Provides a survey of English literature, which traces the development of literary forms and movements through the reading of representative selections from significant British writers. The course also includes an intense study of composition and research skills.

**College Prep ELA** (0143)
1 credit – Grade 12

*Prerequisites*: Counselor Placement
This ELA course will have a focus on skills that are intended to prepare students for college level credit-bearing courses without the need for remedial courses. Successful completion of this course will waive the TSI requirement for ***Weatherford College only***.

**Creative and Imaginative Writing** (0193)
1 credit – Grades 11-12
*Prerequisites:* None



Students are expected to apply the skills taught in class to their own writing in such forms as essays, short stories, poetry, and drama. Students will demonstrate an understanding of the recursive nature of the writing process, improving each draft based on the feedback from previous drafts. They will analyze and discuss published pieces of writing and the writing of peers, as well as set their own goals as writers.

**Humanities** (0157)
1 credit – Grades 11-12
*Prerequisites:* None



This course includes the study of major historical and cultural movements and their relationship to cultural artifacts of our society, literature, film, television, etc. Students will examine both the time and society the films represent by investigating the cultural and historical context of the American Cinema from the period of its inception (1885) to the present. Daily attendance, participation in classroom discussions and presentations are a necessity.

***Speech:***

**Communication Applications** (0185)
½ credit – Grades 9-12
*Prerequisites:* None



Students will be expected to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group situations, and personal and professional presentations.

# Description of Courses

## *Mathematics*

**Algebra 1** (0210)
1 credit - Grades 9
*Prerequisites:* None



This course builds on previous experience in mathematics. It includes properties and operations of real numbers, the solving of linear equations and inequalities, and properties of fractions and algebraic fractions. The course also teaches the coordinate plane and linear equations and inequalities with two variables and radicals.

**Geometry** (0220)
1 credit – Grades 9-12
*Prerequisite:* Algebra 1



Concepts of space geometry are integrated with plane geometry. Algebraic skills are reviewed and strengthened through applications in problem solving. This course includes theory and application, formal and informal proofs, trigonometry, constructions and logic, coordinate geometry, and transformations.

**Algebra 2** (0230)
1 credit – Grades 10-12
*Prerequisite:* Algebra 1



Extends and continues Algebra 1. Some new topics will be covered such as complex numbers, conic sections, higher order equations, exponential and logarithmic functions, matrices, and probability and statistics. Emphasis is placed on problem solving skills.

**Mathematics Modeling with Applications** (0260)
1 credit – Grades 10-11
*Prerequisite:* Algebra 1

Students use algebraic, graphical, geometrical, and statistical reasoning to recognize patterns and structures, to model information, and to solve problems from various disciplines. Students use math methods to model and solve real-life problems involving money, data, chance, patterns, music, design and science.

**Precalculus** (0245)
1 credit – Grades 11-12
*Prerequisites:* Algebra 1, Geometry, Algebra 2



This course is designed for students who want to take a fourth math course to prepare for post-high school opportunities. Topics included are: functions and their graphs, trigonometric functions, applications of trigonometry, trigonometric identities and equations, solving polynomial functions, inequalities, exponential and logarithmic functions, conic sections, sequences and series, and introduction to limits.

**Mathematical Modeling with Applications** (0260)
1 credit – Grades 10-11
*Prerequisite:* Algebra 1

Students use algebraic, graphical, geometrical, and statistical reasoning to recognize patterns and structures, to model information, and to solve problems from various disciplines. Students use math methods to model and solve real-life problems involving money, data, chance, patterns, music, design and science.

**Advanced Quantitative Reasoning (AQR)** (0280)
1 credit – Grades 11-12
*Prerequisites:* Algebra 1, Geometry, Algebra 2



Advanced Quantitative Reasoning (AQR) is a mathematics course that follows Algebra I, Geometry, and Algebra II. The course emphasizes statistics and financial applications, and it prepares students to use algebra, geometry, trigonometry, and discrete mathematics to model a range of situations and solve problems.

**Statistics**
1 credit – Grades
*Prerequisite:* Algebra 1 and Geometry

This course acquaints students with the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be immersed in real world applications and data.

**Algebraic Reasoning**
1 credit – Grades
*Prerequisite:* Algebra 1 and Geometry

Student will further develop their ability to represent and draw inferences about algebraic relations and functions using the basic algebraic properties of commutativity, associativity, identity, inverse, and disributivity. They will develop a more formal understanding of functions.

**College Prep Math**
1 credit – Grades 12
*Prerequisite:* Counselor Placement

This math course will have a focus on skills that are intended to prepare students for college level credit-bearing courses without the need for remedial courses. Successful completion of this course will waive the TSI requirement for ***Weatherford College only.***

# Science

**Biology** (0310)
1 credit - Grade 9
*Prerequisites*: None



Students conduct laboratory experiments in a variety of topics that include: structures and functions of cells and viruses, growth and development of organisms, cells, tissues and organs, nucleic acids and genetics, metabolism and energy transfers in living organisms, ecosystems, and plants and the environment.

**Integrated Physics and Chemistry** (0305)
1 credit - Grade 10-12
*Prerequisites:* None

Laboratory-oriented class that integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy, transformations, properties of matter, changes in matter, and solution chemistry.

**Chemistry** (0330)
1 credit - Grades 10-12
*Prerequisites:* One unit of high school science, Algebra 1



Covers general exploratory experiences and activities in the concepts of matter, atomic structure, chemical equations, properties of solutions, acids and bases, and nuclear chemistry.

**Physics** (0360)
1 credit - Grades 10-12
*Prerequisites:* None



Students conduct laboratory investigations involving such topics as laws of motion, force, conservation of energy, and momentum; electricity; thermodynamics; wave motion; and quantum physics.

**Environmental Science** (0385)
1 credit – Grades 11-12
*Prerequisites:* None



This course is the study of a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an ecosystem, relationships between carrying capacity and changes in populations and ecosystems, and changes in ecosystems.

**Advanced Animal Science** (9010)
1 credit – Grades 11-12
*Prerequisites*: Livestock Production



Develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics and reproduction, anatomy and physiology of various livestock species, nutritional requirements, and disease and parasites of livestock through field and laboratory experiences. This class is recommended for those students with an interest in Veterinary Science.

**Forensics** (9660)
1 credit – Grades 11-12
*Prerequisite*: 2 years of high school science



Have you ever watched CSI and asked “Do they really do that stuff” or think “I want to do that”? In Forensic Science you will learn that there is more to CSI than little flashlights and sunglasses. Students will learn terminology and investigative procedures related to crime scenes, questioning, interviewing, criminal behavior characteristics, and scientific procedures used to solve crimes. Through case studies and simulated crime scenes, students will use scientific methods to collect and analyze evid9012ence, such as fingerprint analysis, ballistics, blood spatter, bones, autopsies, and DNA. Students will learn the history, legal aspects, and career options for forensic science. Do you have what it takes to be a true Crime Scene Investigator?

# *Social Studies*

**World Geography Studies** (0400)
1 credit - Grade 9
*Prerequisites:* None



Students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography.

**World History Studies** (0410)
1 credit - Grades 10
*Prerequisites:* None



World History Studies is a course that offers students an overview of the entire history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present

**United States History Studies Since Reconstruction** (0420)
1 credit – Grade 10-12
*Prerequisites:* None



This course covers the history of the United States since Reconstruction to the present. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies of the Cold War and post-Cold War eras, and reform movements including civil rights.

**US Government** (0440)
½ credit - Grade 11-12
*Prerequisites:* None



In US Government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels.

**Economics and the Free Enterprise System** (0450)
½ credit - Grade 11-12
*Prerequisites:* None



This course teaches the need to make choices in a world of limited resources and unlimited wants. It will introduce the microeconomic concepts of supply and demand, and business production, as well as the macroeconomic concepts behind fiscal and monetary policy. There is also a focus on personal financial literacy using materials approved by the State Board of Education.

**Psychology** (0470)
***Online***
½ credit - Grades 11-12
*Prerequisites:* None



This survey course introduces the students to the field of psychology. It is designed to give students a basic history of psychology, theories of learning, self-awareness, the process of thinking, personality, heredity and mental health as well as a study of human growth and development.

**Sociology** (0475)
***Online***
½ credit - Grades 11 -12
*Prerequisites:* None



This course deals with the study of people and their interaction with one another. It involves learning about institutions found in all societies such as the family, community organizations, and political and social activities. Broad areas of content include mobility of people, human relationships, and factors in society that influence human personality.

**Personal Financial Literacy**
½ credit - Grades 09-12
*Prerequisites:* None

Personal Financial Literacy is a one semester course which helps students understanding the rights and financial responsibilities in managing money. In addition, students will learn ways of paying for college/post-secondary education and how to apply for federal student financial aide.

# Foreign Language

**Spanish 1** (0600)
***Online*** Spanish 1
1 credit - Grades 9-11
*Prerequisites:* None



This course teaches phonics, basic speech patterns, and sentence structure. Emphasis is on vocabulary acquisition, with exercises in reading, writing, listening, and speaking. Culture is introduced.

**Spanish 2** (0605)
***Online*** Spanish 2
1 credit - Grades 9-12
*Prerequisite:* Spanish 1



This course teaches skills in using Spanish for everyday life situations. Emphasis is on grammar, with several past tense, present tense, and command verb forms. Subjunctive forms are introduced. Cultural studies are included.

**French 1** (0640)
***Online*** French 1
1 credit - Grades 9-11
*Prerequisites:* None



French 1 introduces the vocabulary, grammar and language skills necessary for a basic study of French.

**French 2** (0645)
***Online*** French 2
1 credit - Grades 10-12
*Prerequisite:* French 1



French 2 continues the development of skills necessary for the more complex strategies of the French language.

**American Sign Language (ASL) I** (0670)

***CNG***
1 credit – Grades 9-12
*Prerequisites:* None



Students develop the ability to perform the tasks of the novice language learner. The novice language learner, when dealing with familiar topics, should: understand short-signed phrases when attending and respond expressively with learned material; produce learned signs, phrases, and sentences; detect main ideas in familiar material that is signed; be able to transcribe American Sign Language (ASL) into English gloss; recognize the importance of communication and how it relates to the American deaf culture; and recognize the importance of acquiring accuracy of expression by knowing the components of ASL, including grammar.

**American Sign Language (ASL) II** (0675)
***GHS***
1 credit – Grades 10-12
*Prerequisite:* ASL I



Students further their knowledge and practice in the areas of communication, culture, connections, comparisons, and communities during this second year of ASL as listed in ASL I.

# *Fine Arts*

## ***Art***

**Art 1** (0730)
***Online*** Art 1
1 credit - Grades 9-12
*Prerequisites:* None



Art 1 provides basic art instruction to emphasize the fundamentals of art and to develop skills in art. It offers opportunities to illustrate ideas for artwork from direct observation, experiences and imagination using art element and principles. It includes effective use of art media and tools in design, drawing, printmaking, printing, and sculpture. It also includes culture heritage and opportunities to use critical evaluation through art. Students will explore art careers and vocational opportunities in art.

**Music 1 History**
***Online*** **Music Appreciation**

# *Fitness and Wellness*

**Foundations of Personal Fitness** (0835)
***Online*** Foundations of Personal Fitness
1 credit – 9
*Prerequisites:* None



This course represents a new approach in physical education and the concept of personal fitness. The purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class.

**Health** (0500)
***Online*** Health
½ credit - Grades 9-12
*Prerequisites:* None

The course instructs students in the importance of achieving a complete physical, mental and social well-being. The course outline includes the State Board of Education curriculum, the Parent and Paternity Awareness Program, and the Family Violence Prevention Program.

# *Career and Technical Education*

**PUBLIC SERVICES – EDUCATION AND TRAINING**

**Child Development** (9560)
***Online*** Child Development
½ credit – Grades 10-12
*Prerequisites*: None
*Partners with Interpersonal Studies*

This course addresses knowledge and skills related to child growth and development from prenatal through school-age children. Students will become equipped with child development knowledge that can be used to promote the well-being and healthy development of children and to investigate careers related to the care and education of children.

**Interpersonal Studies** (9565)
***Online*** Personal and Family Living
½ credit – Grades 10-12
*Prerequisites*: None
*Partners with Child Development*

This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

**Human Growth and Development** (9330)
***Online*** Human Growth and Development
1 credit – Grades 11-12
*Prerequisite:* Child Development and Interpersonal Studies

This class is intended to be taken concurrently with Instructional Practices in Education and Training. (Can be taken senior year with appropriate academic advising.) The course covers introductory development psychology and human development. The course studies human development across the lifespan including cognitive, physical, emotional and social development milestones.

# *Career and Technical Education*

**PUBLIC SERVICES – LAW, PUBIC SAFETY, CORRECTIONS AND SECURITIES**

**Principles of Law, Public Safety, Corrections, and Security** (9645)
***Online*** Introduction to Law, Public Safety, Corrections and Security
1 credit – Grades 10-12
*Prerequisites*: None

Do you like to watch Cops, The First 24, or CSI television series? If you are interested in learning more about the law, then these courses in Law/Public safety are for you. This class introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

**Law Enforcement I** (9650)
***Online*** Law Enforcement Field Services
1 credit – Grade 11-12
*Prerequisite*: Principles of Law, Public Safety, Corrections, and Security

Law Enforcement 1 is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. Students participate in mock trials and have the opportunity to visit local court systems.

**Law Enforcement II** (9655)
***Online*** Legal Services
1 credit – Grade 12
*Prerequisite*: Law Enforcement I

Law Enforcement II includes knowledge of and preparation for postsecondary education and training or employment in the law enforcement field in the areas of forensic science, communications, law enforcement and investigations. The rules, regulations, laws and techniques that assist the law enforcement professional are applied through a variety of case studies and research analysis.

**Forensics** (9660)
***Online*** Forensics: Using Science to Solve a Mystery
1 credit – Grades 11-12
*Prerequisite*: 2 years of high school science
***4TH SCIENCE OPTION**

Have you ever watched CSI and asked “Do they really do that stuff” or think “I want to do that”? In Forensic Science you will learn that there is more to CSI than little flashlights and sunglasses. Students will learn terminology and investigative procedures related to crime scenes, questioning, interviewing, criminal behavior characteristics, and scientific procedures used to solve crimes. Through case studies and simulated crime scenes, students will use scientific methods to collect and analyze evidence, such as fingerprint analysis, ballistics, blood spatter, bones, autopsies, and DNA. Students will learn the history, legal aspects, and career options for forensic science. Do you have what it takes to be a true Crime Scene Investigator?

**Forensic Psychology** (9665)
***Online***
1 credit – Grades 11-12
*Prerequisites:* None

Forensic psychology addresses the application of psychological research, methods, and expertise to issues that come before the legal system. Some topics include insanity, competency, jury-selection, expert-testimony, victimology and criminal profiling.

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – AGRICULTURE, FOOD, AND NATURAL RESOURCES**

**Principles of Agriculture, Food & Natural Res**. (9000)
***Online or CNG***
1 credit – Grades 09-12
*Prerequisites*: None

Agriculture feeds and clothes the world! Learn about all aspects of agriculture including animals, horticulture, natural resources, and green energy. This foundational class introduces FFA and various leadership opportunities and competition within the ag program. Students do not have to raise an animal to be a part of the ag program.

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – ARTS AND AV**

**VIDEO TRACK**

**Principles of Arts and AV** (9200)
***Online*** Digital Arts
½ credit – Grades 9
*Prerequisites*: None

This is a lab-oriented course that introduces students to the fundamentals of the Video and Graphics industries. Students use video camcorders and editing software as they learn to write, produce and edit a video production. Graphics for video and multimedia production will also be emphasized.

**Audio Video Production** (9205)
***Online***
1 credit – Grades 10-12
*Prerequisites*: None

This is a hands-on class where students learn the basics of audio and video production. Students will learn camera operation, editing, directing, reporting, producing, writing and newsgathering while creating a variety of video projects that will air on GHS news. The class utilizes various video cameras, microphones, mixers and lighting equipment, along with Adobe's Premiere Pro CS4 editing software. Students in this class will be responsible for GHS video announcements.

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – BUSINESS MANAGEMENT AND ADMINISTRATION**

**Principles of Business, Marketing, and Finance (**9505)
**Online** Principles of Business and Finance
½ credit – Grades 09-12
*Prerequisites*: None

Have you ever thought about owning your own business? This class examines the foundations of small business management including product sales, advertising, and financial management. Learn about the small business world through projects, guest speakers, and relevant activities.

**Banking and Financial Services** (9400)
**Online** Personal Financial Literacy
½ credit – Grades 11-12
*Prerequisites*: Principles of Business, Marketing, and Finance
Partners with Global Business

Money, money, money – MONEY! Do you want to earn more money, save more money, and invest more money? Earn, Save, and Invest are the cornerstones of this class. Banking functions and financial literacy will be learned. Local bankers teach students banking strategies and how to be a successful banker, beginning with teller skills and services.

**Business Information Management** (9250)
**Online** Business Computer Information Systems A/B
1 credit – Grades 09-12
*Prerequisites*: None

Strengthen your resume and learn thorough instruction of the Microsoft Office Suite, including Word, Excel, Power Point, Access, Outlook and Publisher. This class offers the necessary skills required in all workplace settings as well as provide college-ready skills. Develop your basic knowledge into expert skills.

**Entrepreneurship** (9265)1 credit – Grades 11-12
**Online** Small Business Entrepreneurship
*Prerequisites*: Sales & Sports/Entertainment Marketing OR Banking/Finance & Global Business

Have you ever dreamed of owning your business? Research studies project that over 80% of students will own some type of small business in their life time. Entrepreneurship will guide students in the steps necessary to begin and operate a small business. The primary focus of the course is to help students understand the principles of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. The bottom line is profit – come learn how to own your own business!

# Career and Technical Education

## BUSINESS AND INDUSTRY – INFORMATION TECHNOLOGY

**Principles of Information Technology (**9630)
**Online** Introduction to Information Technology Support Services
½ credit – Grade 09-11
*Prerequisites*: None

Technology Careers are one of the fast growing job opportunities today. This course offers a foundational overview of the opportunities available in technology. Students will learn about computer hardware and software, basic computer programming, app design, networking, graphics and internet search resources. All of these technology skills will use Microsoft Office products as a foundational springboard.

**Web Technologies** (9605)
**Online** New Applications: Web Development in the 21st Century
½ credit – Grades 10-12
*Prerequisites*: None
*Partners with Virtual Business*

Want to build a website and learn to enhance a personal blog site? Website construction and maintenance are tools that will be learned in this class. As a computer-based class, students have daily hands-on activities and projects to build HTML, XHTML and CSS skills/knowledge. Adobe Dreamweaver, Flash, Fireworks, and Photoshop foundations are learned. ***This course is only offered in the fall Semester.***

**Virtual Business** (9610)
**Online**
½ Credit – Grades 10-12
*Prerequisites*: Web Technologies

Build your own website from beginning to end. After learning the foundations of website construction in Web Technologies, you will be able to implement learned skills and publish your own website. Building a "virtual" or online business will be one of several applicable projects that will be covered. True business skills necessary for success in today's modern society will strengthen your resume. **Adobe Dreamweaver Certification may be offered.** ***This course is only offered in the spring Semester.***

# *Career and Technical Education*

**BUSINESS AND INDUSTRY – HOSPITALITY AND TOURISM**

**Principles of Hospitality and Tourism** (9500)
**Online** Introduction to Hospitability and Tourism
½ credit – Grades 10-12
*Prerequisites*: None
*Partners with Travel & Tourism Management*

The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry. Students are encouraged to participate in extended learning experiences such as CTE student organizations and other leadership or extracurricular organizations.

**Travel and Tourism Management** (9520)
**Online** Transportations and Tours for the Traveler7
½ credit – Grades 10-12
*Prerequisites* :None
*Partners with Principles of Hospitality and Tourism*

Students will continue the study of hospitality and tourism with a management focus. Students will research travel and tourism throughout the world and will compare/contrast lodging styles, travel options, entertainment choices, and learn how to create a full travel package, including an itinerary and budget. If you enjoy travel and dreaming of vacations, this class is for you.

**Restaurant Management (**9510)
**Online** Food and Beverage Management
½ credit – Grades 11-12
*Prerequisites*: Lifetime Nutrition and Wellness
*Partners with Lifetime Nutrition and Wellness*

This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Students will learn
about a variety of career opportunities related to the food service industry. Students are encouraged to participate in extended learning experiences such as FCCLA and other extracurricular opportunities**. *This course is only offered in the spring semester.***

# *Other Electives*

**VOCATIONAL ADJUSTMENT CURRICULUM**

Students receiving ARD Committee approval and who are at least 16 years of age will be provided the opportunity to participate in a cooperative work study program.

**EOC PREPARATION**

Students needing additional help preparing for EOC exams will be provided opportunities to meet individual testing needs.

**TECHNOLOGY APPLICATIONS**

**Fundamentals of Computer Science**
**Online** Fundamentals of Computer Systems
Grades 9-12
*Prerequisites:* Technology Applications

This course is for students just beginning the study of computer science. Students will learn about the computing tools that are used every day. This course will foster student's creativity and innovation through opportunities to design, implement and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect.

**Digital Design and Media Production**
**Online** Fundamentals of Digital Media
Grades 9-12
*Prerequisites:* Algebra 1

Digital Design and Media Production will allow students to demonstrate creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others as well as independently. Students will gather information electronically, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will demonstrate a thorough understanding of digital design principles that is transferable to other disciplines.

**Digital Forensics**
Grades 9-12
*Prerequisites:* Technology Applications

This course will foster students' creativity and innovation by presenting opportunities to investigate simulations and case studies of crimes, reconstructing computer security incidents, troubleshooting operational problems, and recovering from accidental system damage. Students will collaborate to develop forensic techniques to assist with computer security incident response. Students will learn methods to identify, collect, examine, and analyze data while preserving the integrity of the information and maintaining a strict chain of custody for data. Students will solve problems as they study the application of science to the law. Students will learn and practice digital citizenship.

**Game Programming and Design**
Grades 9-12
*Prerequisites:* Algebra 1

This course will foster students' creativity and innovation by presenting students with opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate to solve gaming problems. Through data analysis, students will include the identification of task requirements, plan search strategies, and use programming concepts to access, analyze, and evaluate information needed to design games. By acquiring programming knowledge and skills that support the work of individual and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect.

**Mobile Application Development**
Grades 9-12
*Prerequisites:* Algebra 1 and Technology Applications

This course will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices. Students will collaborate to solve problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. By using software design knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate to the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect.

# Planning Tool – RECOMMENDED PROGRAM

**Granbury Independent School District Graduation Plan**

Student Name:_____

**Grad Yr. _____ REC ____ DAP____ FOUNDATION____ [____]**

| SUBJECT AREA | GRADE 8 | S 1 | S 2 | GRADE 9 | S 1 | S 2 | GRADE 10 | S 1 | S 2 | GRADE 11 | S 1 | S 2 | GRADE 12 | S 1 | S 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENGLISH—4 cr** | ___ English 1 | | | ___ English 1<br>___ Eng 2/PreAP | | | ___ English 2/PreAP<br>___ English 3/AP/DC<br>___ English 4/AP/DC<br>___Other | | | ___ English 3/AP/DC<br>___ English 4/AP/DC<br>___ DC Brit Lit/Tech Writing<br>___Other | | | ___ English 4 AP/DC<br>___ DC Brit Lit/Tech Writing<br>___Other | | |
| **MATH—4 cr**<br>***Math Models must be taken prior to Algebra 2** | ___ Algebra 1 | | | ___ Algebra 1<br>___ Geom/PreAP | | | ___ Geom/PreAP<br>___ Algebra 2/PreAP<br>___ Other: | | | ___ Geometry<br>___ Math Models<br>___ Algebra 2/PreAP<br>___ Pre Cal/PreAP<br>___ DC Alg/DC Cont Math<br>___ Other: | | | ___ Geometry<br>___ Algebra 2<br>___ AQR<br>___ Pre Cal/PreAP<br>___ AP Cal<br>___ AP Stats<br>___ DC Alg/DC Cont Math<br>___ Other: | | |
| **SCIENCE—4 cr**<br>***IPC must be taken prior to Chemistry and Physics for a Recommended Diploma. IPC not allowed for DAP diploma.** | | | | ___ Biology/PreAP<br>___ IPC | | | ___ IPC<br>___ Biology/AP<br>___ Conceptual Physics<br>___ AP Physics 1<br>___ Chemistry/PreAP | | | ___ Conceptual Physics<br>___ AP Physics 1 or 2<br>___ Chemistry/PreAP<br>___ AP Chem<br>___ Other: | | | ___ Chemistry<br>___ Conceptual Physics<br>___ Anat & Phys<br>___ AP/DC Bio<br>___ AP Chemistry<br>___ AP Physics 1 or 2<br>___ Other: | | |
| **SOCIAL STUDIES**<br>**3½ cr + ½ cr for Economics** | | | | ___ World Geo/PreAP | | | ___ World Geo<br>___ World History/AP<br>___ US History/AP/DC | | | ___ US History/AP/DC<br>___ Other: | | | ___ US Gov/AP/DC<br>___ Economics/AP<br>___ Other: | | |
| **FOREIGN LANG**<br>**2 cr Rec/Found**<br>**3 cr DAP**<br>***Must be 2 or 3 years of the same language** | ___ Spanish 1<br>___ AP Spanish 4 | | | ___ Spanish 1 or 2<br>___ AP Spanish 5<br>___ French 1<br>___ ASL 1 | | | ___ Span 1, 2, or Pre AP3<br>___ AP Span 5<br>___ ASL 1 or 2<br>___ French 1 or 2<br>___ Other: | | | ___ Span 1, 2, or PreAP3<br>___ AP Span 4 or 5<br>___ ASL 1, 2, or 3<br>___ French 1, 2, or PreAP3<br>___ Other: | | | ___ Span 1, 2, or PreAP3<br>___ AP Span 4 or 5<br>___ ASL 1,2, or 3<br>___ French 1, 2, or PreAP 3<br>___ AP French 4 | | |
| **PE EQUIV 1 cr** | ___Ath ___ PE<br>___JV Drill | | | ___ PE or Equiv | | | ___ PE or Equiv | | | ___ PE or Equiv | | | ___ PE or Equiv | | |
| **SPEECH—1/2 cr** | | | | ___Comm App/Prof Comm | | | ___Comm App/ Prof Comm | | | ___Comm App/Prof Comm | | | ___Comm App___ Prof Comm | | |
| **FINE ARTS—1 cr** | ___ Band Choir<br>___ Art<br>___ Theatre Arts | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/TechTH | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/TechTH | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/TechTH | | |
| **ELECTIVES—** | ___ GTT | | | | | | | | | | | | | | |
| 5 ½ cr Rec/4 ½ cr DAP<br>5 cr Foundation | | | | | | | | | | | | | | | |
| *4 advanced measures required for DAP diploma | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| **TOTAL CREDITS:** | | | | | | | | | | | | | | | |

# Planning Tool – FOUNDATAION PROGRAM

Student Name:_____

Date:_____

## GISD Planning Tool

**Grad Yr. _____ Endorsement:_____**

***Algebra 2 is required for Distinguished Achievement and STEM***

| SUBJECT AREA | GRADE 8 | S 1 | S 2 | GRADE 9 | S 1 | S 2 | GRADE 10 | S 1 | S 2 | GRADE 11 | S 1 | S 2 | GRADE 12 | S 1 | S 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENGLISH—4 cr** | ___ English 1 | | | ___ English 1<br>___ Eng 2/PreAP | | | ___ English 2/PreAP<br>___ English 3/AP/DC<br>___ English 4/AP/DC<br>___Other | | | ___ English 3/AP/DC<br>___ English 4/AP/DC<br>___ DC Brit Lit/Tech Writing<br>___Creative Writing | | | ___ English 4 AP/DC<br>___ DC Brit Lit/Tech Writing<br>___Creative Writing<br>___Speech | | |
| **MATH—3 cr**<br>***Math Models must be taken prior to Algebra 2** | ___ Algebra 1 | | | ___ Algebra 1<br>___ Geom/PreAP | | | ___ Geom/PreAP<br>___ Algebra 2/PreAP<br>___ Other: | | | ___ Geometry<br>___ Math Models<br>___ Algebra 2/PreAP<br>___ Pre Cal/PreAP<br>___ DC Alg/DC Cont Math<br>___ Statistics<br>___ Algebraic Reasoning | | | ___ Geometry<br>___ Algebra 2<br>___ AQR<br>___ Pre Cal/PreAP<br>___ AP Cal<br>___ AP Stats<br>___ DC Alg/DC Cont Math<br>___ Statistics<br>___ Algebraic Reasoning<br>___ Engineering Math | | |
| **SCIENCE—3 cr**<br>***IPC must be taken prior to Chemistry and Physics for a Recommended Diploma.** | | | | ___ Biology/PreAP<br>___ IPC | | | ___ IPC<br>___ Biology/AP<br>___ Conceptual Physics<br>___ AP Physics 1<br>___ Chemistry/PreAP | | | ___ Conceptual Physics<br>___ AP Physics 1 or 2<br>___ Chemistry/PreAP<br>___ AP Chem<br>___ Other: | | | ___ Chemistry<br>___ Conceptual Physics<br>___ Anat & Phys<br>___ AP/DC Bio<br>___ AP Chemistry<br>___ AP Physics 1 or 2<br>___ Other: | | |
| **SOCIAL STUDIES**<br>**2½ cr + ½ cr for Economics** | | | | ___ World Geo/PreAP | | | ___ World Geo<br>___ World History/AP<br>___ US History/AP/DC | | | ___ US History/AP/DC<br>___ Other: | | | ___ US Gov/AP/DC<br>___ Economics/AP<br>___ Other: | | |
| **FOREIGN LANG**<br>**2 cr Rec/Found**<br>**3 cr DAP**<br>***Must be 2 years of the same language** | ___ Spanish 1<br>___ AP Spanish 4 | | | ___ Spanish 1 or 2<br>___ AP Spanish 5<br>___ French 1<br>___ ASL 1 | | | ___ Span 1, 2, or Pre AP3<br>___ AP Span 5<br>___ ASL 1 or 2<br>___ French 1 or 2 | | | ___ Span 1, 2, or PreAP3<br>___ AP Span 4 or 5<br>___ ASL 1, 2, or 3<br>___ French 1, 2, or PreAP3 | | | ___ Span 1, 2, or PreAP3<br>___ AP Span 4 or 5<br>___ ASL 1,2, or 3<br>___ French 1, 2, or PreAP 3<br>___ AP French 4 | | |
| **PE EQUIV 1 cr** | ___ Ath ___ PE | | | ___ PE or Equiv | | | ___ PE or Equiv | | | ___ PE or Equiv | | | ___ PE or Equiv | | |
| **FINE ARTS—1 cr** | ___ Band Choir<br>___ Art<br>___ Theatre Arts | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/Tech TH | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/Tech TH | | | ___ Band Choir Dance<br>___ Art<br>___ Theatre/Tech TH | | |
| **5 Endorsement** | ___ GTT | | | | | | | | | | | | | | |
| **ELECTIVES—** | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| **TOTAL CREDITS:** | | | | | | | | | | | | | | | |

***DUE FEBRUARY 4TH***

# GISD MIDDLE SCHOOL
# 2015-2016 6TH GRADE COURSE SELECTION

STUDENT LABEL
COUNSELOR USE ONLY

***OFFICE USE ONLY***
3621 ____ RESOURCE ELA  3631 ____ RESOURCE MATH
ACLAB6____ACA INTER LAB

**NAME:** _____ **ID:** _____

## REQUIRED COURSES:

0601 CR ENGLISH LANGUAGE ARTS
0602 CR MATH
0603 CR SCIENCE
0604 CR SOCIAL STUDIES
0605 FITNESS AND WELLNESS
0913 TECHNICAL APPLICATIONS

## ELECTIVE COURSES:

**YOU MUST CHOOSE ONE ELECTIVE FROM THE LIST - NUMBER YOUR CHOICES 1, 2, 3. (2 & 3 WILL BE ALTERNATES IN CASE YOUR FIRST CHOICE IS NOT AVAILABLE**
****NUMBERS ONLY, NO CHECKS****

_____ 0819 BEGINNER CHOIR-6
_____ 0900 BEGINNER BAND-6
_____ 0821 ART-6

***CR (College Readiness) - CR courses are focused on a high rigor to successfully prepare all students the opportunity for post secondary education. Providing college readiness courses will better prepare students to take dual-credit and/or AP courses in high school. Dual credit & AP courses allow students the opportunity to earn college credit during their high school years.**

**SCHEDULE CHANGES: Course selections made during pre-registration are considered FINAL**. Any request for a change in course after spring pre-registration must be made in writing. The random changing of courses at the beginning of school will not be honored due to the effect these changes have on classroom enrollment and the disruption of classroom instruction.

Granbury ISD reserves the right to change subject selections depending on test results, individual school staffing and other factors which may affect course offerings. When selecting courses, it is the responsibility of the parent and the student to make certain that the courses selected are the ones they want.

Equal opportunities are provided by the GISD for all students without regard to race, color, national origin, sex, and handicapping conditions.

**Student Signature:** _____ **Date:** _____

**Parent Signature:** _____ **Phone:** _____

**E-Mail:** _____



Revised 12/10/2014

***DUE FEBRUARY 27TH***

# GISD MIDDLE SCHOOL
# 2015-2016 7TH GRADE COURSE SELECTION

STUDENT LABEL
COUNSELOR USE ONLY

*** OFFICE USE ONLY***
3121 ____ RESOURCE ELA 3131 ____ RESOURCE MATH
ACLAB7____ ACADEMIC INTERVENTION LAB

**NAME:** _____ **ID:** _____

**REQUIRED COURSES:**

| | | |
|---|---|---|
| _____ | 0217 | CR ENGLISH LANGUAGE ARTS |
| _____ | 0317 | CR MATH |
| _____ | 0417 | CR SCIENCE |
| _____ | 0517 | CR TEXAS HISTORY |

**ELECTIVE COURSES:**

**ATHLETICS / PE *ALL STUDENTS MUST CHOOSE ONE PE ELECTIVE**

| | | |
|---|---|---|
| _____ | 0613 | BOYS ATHLETICS |
| _____ | 0614 | GIRLS ATHLETICS |
| _____ | 0610M | FITNESS AND WELLNESS BOYS |
| _____ | 0610F | FITNESS AND WELLNESS GIRLS |

**CHOOSE 3 ELECTIVES - NUMBER YOUR CHOICES 1, 2, 3**
**(CHOICE 3 WILL BE USED AS AN ALTERNATE IN CASE YOUR SECOND CHOICE IS NOT AVAILABLE)**
****NUMBERS ONLY - NO CHECKS****

**FINE ARTS**
***ADVANCED BAND CLASSES TO BE ASSIGNED BY DIRECTOR**

| | | |
|---|---|---|
| _____ | 0910 | BAND |
| _____ | 0817 | BOYS CHOIR |
| _____ | 0815 | GIRLS CHOIR |
| _____ | 0810 | ART |
| _____ | 0813 | THEATER ARTS |

**OTHER ELECTIVES**

| | | |
|---|---|---|
| _____ | 0800 | CAREER EXPLORATIONS |
| _____ | 0805 | PRINCIPLES OF EMERGING TECHNOLOGY |
| _____ | TEEN | TEEN LEADERSHIP |

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**Student Signature:** _____ **Date:** _____
**Parent Signature:** _____ **Phone:** _____
**E-Mail:** _____



Revised 12/10/2014

***DUE FEBRUARY 27TH***

# GISD MIDDLE SCHOOL
# 2015-2016 8TH GRADE COURSE SELECTION

STUDENT LABEL
COUNSELOR USE ONLY

*** OFFICE USE ONLY***

3160 ____ RESOURCE ELA  3360 ____ RESOURCE MATH
0165 ____ YEARBOOK  ACLAB8____ AIL

**NAME:** _____ **ID:** _____

***HIGH SCHOOL CREDIT EARNED IN THE 8TH GRADE IS NOT USED TO CALCULATE GPA OR CLASS RANK IN HIGH SCHOOL***

**REQUIRED COURSES:**

_____ 0312 CR SCIENCE
_____ 0412 CR AMERICAN HISTORY

**MATHEMATICS (CHOOSE ONE)**

_____ 0212 CR MATH
_____ J210 ALGEBRA 1 **(H.S. CREDIT)**

**ENGLISH (CHOOSE ONE)**

_____ 0112 CR ENGLISH / LANGUAGE ARTS
_____ J110 ENGLISH 1 **(H.S. CREDIT)**

**CHOOSE 4 ELECTIVES - ONLY ONE CHOICE CAN BE FROM THE PE/ATHLETIC CATEGORY**
**(CHOICE 4 WILL BE USED AS AN ALTERNATE IN CASE YOUR THIRD CHOICE IS NOT AVAILABLE)**
****NUMBERS ONLY - NO CHECKS****

**ATHLETICS / PHYSICAL EDUCATION (H.S. CREDIT)**

_____ J585 DANCE MOVEMENT
_____ J888M BOYS ATHLETICS
_____ J888F GIRLS ATHLETICS
_____ J611M FITNESS AND WELLNESS
_____ J611F FITNESS AND WELLNESS

**FINE ARTS - BAND (H.S. CREDIT)**
***ADVANCED BAND CLASSES TO BE ASSIGNED BY DIRECTOR**

_____ J700 BAND

**FINE ARTS - ART (H.S. CREDIT)**

_____ J730 ART 1

**FINE ARTS - CHORAL (H.S. CREDIT)**

_____ J720M BOYS CHOIR
_____ J720F GIRLS CHOIR

**FINE ARTS - THEATRE (H.S. CREDIT)**

_____ J750 THEATER ARTS 1

**FOREIGN LANGUAGE (H.S. CREDIT)**

_____ J600 SPANISH 1
_____ J616 AP SPANISH *INSTRUCTOR APPROVAL

**TECHNOLOGY (H.S. CREDIT)**

_____ J975 GATEWAY TO TECHNOLOGY

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Since entrance requirements vary from college to college, high school graduation does not necessarily ensure admissions to college. It is primarily the responsibility of the parent and the student to make certain that the student's credits meet the requirements of the college he/she chooses to enter. This also applies to NCAA (National Collegiate Athletics Association) requirements.

**Student Signature:** _____ **Date:** _____
**Parent Signature:** _____ **Phone:** _____
**E-Mail:** _____



Revised 12/10/2014

# CROSSLAND NINTH GRADE CENTER
# 2015-2016 FRESHMAN COURSE SELECTION

STUDENT LABEL
COUNSELOR USE ONLY

**NAME:** _____ **ID:** _____

## ALL FRESHMAN STUDENTS WILL TAKE A MINIMUM OF 7 CLASSES

**ENGLISH (FULL YEAR)**

| A | B | | |
|---|---|---|---|
| _____ | _____ | 0110 | ENGLISH 1 |
| _____ | _____ | 0120 | *ENGLISH 2 |
| _____ | _____ | 0125 | *PREAP ENGLISH 2 (AAC) |

**MATHEMATICS (FULL YEAR)**

| | | | |
|---|---|---|---|
| _____ | _____ | 0210 | ALGEBRA 1 |
| _____ | _____ | 0220 | *GEOMETRY |
| _____ | _____ | 0225 | *PREAP GEOMETRY (AAC) |

**SCIENCE (FULL YEAR)**

| | | | |
|---|---|---|---|
| _____ | _____ | 0310 | BIOLOGY |
| _____ | _____ | 0315 | PREAP BIOLOGY (AAC) |

**SOCIAL STUDIES (FULL YEA**

| | | | |
|---|---|---|---|
| _____ | _____ | 0400 | WORLD GEOGRAPHY |
| _____ | _____ | 0405 | PREAP WORLD GEOGRAPHY (AAC) |

**FOREIGN LANGUAGE (FULL YEAR)**

| | | | |
|---|---|---|---|
| _____ | _____ | 0600 | SPANISH 1 |
| _____ | _____ | 0605 | *SPANISH 2 |
| _____ | _____ | 0640 | FRENCH 1 |
| _____ | _____ | 0670 | ASL 1 |

**SPEECH (HALF YEAR)**

| | | |
|---|---|---|
| _____ | 0185 | COMMUNICATION APPLICATIONS |
| _____ | 9850 | PROFESSIONAL COMMUNICATIONS |

**HEALTH**

| | | |
|---|---|---|
| _____ | 0500 | HEALTH |

**ENGLISH ELECTIVES**

| | | | |
|---|---|---|---|
| _____ | _____ | 0175 | *DEBATE 1 |

**FINE ARTS - THEATRE (FULL YEAR)**

| | | | |
|---|---|---|---|
| _____ | _____ | 0750 | THEATRE ARTS 1 |
| _____ | _____ | 0751 | *THEATRE ARTS 2 |

**FINE ARTS - CHORAL (FULL YEAR)**

| | | | |
|---|---|---|---|
| _____ | _____ | 0720 | CHOIR 1 - APPROVAL REQUIRED |
| _____ | _____ | 0721 | *CHOIR 2 |

**FINE ARTS - ART (FULL YEAR)**

| A | B | | |
|---|---|---|---|
| _____ | _____ | 0730 | ART 1 |
| _____ | _____ | 0731 | *ART 2 DRAWING |
| _____ | _____ | 0736 | *ART 2 PAINTING |

**FINE ARTS - DANCE**

| | | | |
|---|---|---|---|
| _____ | _____ | 0780 | DRILL TEAM YEAR 2 - TRYOUT REQUIRED |
| _____ | _____ | 0782 | DANCE 1 |

**FINE ARTS - BAND (FULL YEAR)**

| | | | |
|---|---|---|---|
| _____ | _____ | 0700 | BAND 1 MARCH - APPROVAL REQ |
| _____ | _____ | 0701 | *BAND 2 MARCH |

**ATHLETICS / PHYSICAL EDUCATION**

*****IF YOU PARTICIPATED IN ATHLETICS/PHYSICAL EDUCATION IN 8TH GRADE, CHOOSE YEAR 2. IF NOT, CHOOSE YEAR 1.*****

| | YEAR 1 | YEAR 2 |
|---|---|---|
| FOUNDATIONS OF PER FIT | 8935 | |
| ATH TRAIN - APP. REQ. | 8850 | 8860 |
| BASEBALL | 8350 | 8360 |
| BOYS BASKETBALL | 8050 | 8060 |
| GIRLS BASKETBALL | 8100 | 8110 |
| BOYS GOLF | 8450 | 8460 |
| GIRLS GOLF | 8500 | 8510 |
| BOYS SOCCER | 8650 | 8660 |
| GIRLS SOCCER | 8700 | 8710 |
| CHEER - TRYOUT REQ. | 8750 | 8760 |
| CROSS COUNTRY - BOYS *FALL | 8250 | 8260 |
| CROSS COUNTRY - GIRLS *FALL | 8300 | 8310 |
| DRILL TEAM/DANCE - TRYOUT REQ. | 8790 | |
| FOOTBALL | 8000 | 8010 |
| SOFTBALL | 8400 | 8410 |
| SWIM | 8550 | 8560 |
| TENNIS | 8600 | 8610 |
| TRACK - BOYS *SPRING | 8150 | 8160 |
| TRACK - GIRLS *SPRING | 8200 | 8210 |
| VOLLEYBALL | 8825 | 8830 |

**ROTC**

| | | | |
|---|---|---|---|
| _____ | _____ | 0501 | MCJROTC I |



*** COURSES WITH AN ASTERISK (*) REQUIRE PREREQUISITES - PLEASE SEE COURSE CATALOG**

***Applications for Debate, Desktop Graphic Design and Athletic Trainer are available in the Counseling Office at your middle school campus**

# CROSSLAND NINTH GRADE CENTER
# 2014-2015 FRESHMAN COURSE SELECTION (PAGE 2)
## CAREER AND TECHNOLOGY EDUCATION CAREER COURSES

**COURSES WILL LEAD TO ANY OF THE CAREER CLUSTERS LISTED BELOW IN BOLD**

**FULL YEAR CHOICES**

_____ _____ 9000 PRIN. OF AG, FOOD & NAT. RES.

***AGRICULTURE, FOOD & NATURAL RESOURCES***
***TRANSPORTATION - AUTO MECHANICS***

_____ _____ 9750 INTRO TO ENG. DESIGN **(PLTW) HONORS**

***STEM***

_____ _____ 9250 BUSINESS INFORMATION MGT. I

***ARTS/AV TECHNOLOGY & COMMUNICATIONS***
***BUSINESS MANAGEMENT & ADMINISTRATION***
***HEALTH SCIENCE***
***HOSPITALITY & TOURISM***
***INFORMATION TECHNOLOGY***
***LAW & PUBLIC SAFETY***

**SEMESTER CHOICES**

_____ 9305 HUMAN SERVICES + TEENS, TEAMS AND TRANSITIONS HS+T$^3$

***EDUCATION & TRAINING***
***HEALTH SCIENCE***
***HOSPITALITY & TOURISM***
***LAW & PUBLIC SAFETY***

_____ 9505 MONEY AND MARKET STRATEGIES

***BUSINESS & FINANCE***
***HEALTH SCIENCE***
***HOSPITALITY & TOURISM***
***INFORMATION TECHNOLOGY***
***LAW & PUBLIC SAFETY***
***TRANSPORTATION - AUTO MECHANICS***

_____ 9200 PRIN. OF ARTS & AV

***ARTS, A/V TECHNOLOGY - VIDEO & GRAPHICS***
***BUSINESS & FINANCE***
***HOSPITALITY & TOURISM***
***INFORMATION TECHNOLOGY***

**Note: If a course is specified to be a "full year" course it must be taken both terms.**

**If a course is specified to be a "half year" course it will taken one term only along with another half year course to balance the schedule.**

**Note: There are seven class periods in a school day, therefore 14 selections will be checked. See example of possible 14 selections:**

- ✓ ✓ **English 1 (Full year)**
- ✓ ✓ **Algebra 1 (Full year)**
- ✓ ✓ **Biology (Full year)**
- ✓ ✓ **World Geography (Full year)**
- ✓ ✓ **Spanish 2 (Full year)**
- ✓ ✓ **Theater Arts 1 (Full year)**
- ✓ **Money and Market Strategies (Half year)**
- ✓ **Prin. of Human Services (Half year)**

*** COURSES WITH AN ASTERISK (*) REQUIRE PREREQUISITES - PLEASE SEE COURSE CATALOG**
**ALL PREAP, AP, DC, & HONORS COURSES ARE WEIGHTED FOR GPA CALCULATION**

**SCHEDULE CHANGES:** Course selections made during pre-registration are considered FINAL. Any request for a change in course after spring pre-registration must be made in writing. Students may not drop or add a course after three class days of attendance. The random changing of courses at the beginning of school will not be honored due to the effect these changes have on classroom enrollment and the disruption of classroom instruction.

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Since entrance requirements vary from college to college, high school graduation does not necessarily ensure admission to college. It is primarily the responsibility of the parent and the student to make certain that the student's credits meet the requirements of the college he/she chooses to enter. This also applies to NCAA (National Collegiate Athletics Association) requirements.

**Student Signature:** _____ **Date:** _____

**Parent Signature:** _____ **Phone:** _____

**E-Mail:** _____



Revised 12/10/2014

# GRANBURY HIGH SCHOOL
# 2015-2016 SOPHOMORE COURSE SELECTION

STUDENT LABEL
COUNSELOR USE ONLY

**NAME:** _____ **ID:** _____

## ALL SOPHOMORE STUDENTS WILL TAKE A MINIMUM OF 7 CLASSES

**ENGLISH (FULL YEAR)**

| A | B | | |
|---|---|---|---|
| | | 0100 | ENGLISH SOL 1 |
| | | 0105 | *ENGLISH SOL 2 |
| | | 0110 | ENGLISH 1 |
| | | 0120 | ENGLISH 2 |
| | | 0125 | *PREAP ENGLISH 2 (AAC) |
| | | 0130 | ENGLISH 3 |
| | | 0137 | *DC ENGLISH 3 (AAC) |
| | | 0135 | *AP ENGLISH 3 (AAC) |

**MATHEMATICS (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0210 | ALGEBRA 1 |
| | | 0220 | GEOMETRY |
| | | 0225 | *PREAP GEOMETRY (AAC) |
| | | 0230 | *ALGEBRA 2 |
| | | 0235 | *PREAP ALGEBRA 2 (AAC) |
| | | 0260 | *MATH MODELS |

**SCIENCE (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0310 | BIOLOGY |
| | | 0305 | IPC |
| | | 0335 | PREAP CHEMISTRY (AAC) |
| | | 0360 | *PHYSICS |
| | | 0330 | *CHEMISTRY |
| | | 0366 | *AP PHYSICS 1 (AAC) |
| | | 0325 | *AP BIOLOGY (AAC) |

**SOCIAL STUDIES (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0400 | WORLD GEOGRAPHY |
| | | 0410 | WORLD HISTORY |
| | | 0417 | AP WORLD HISTORY |

**FOREIGN LANGUAGE (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0600 | SPANISH 1 |
| | | 0605 | *SPANISH 2 |
| | | 0606 | *SPANISH 2 NTV |
| | | 0610 | *PREAP SPANISH 3 (AAC) |
| | | 0611 | *PREAP SPANISH 3 NTV (AAC) |
| | | 0618 | *AP SPANISH 4 NTV (AAC) |
| | | 0619 | *AP SPANISH 5 NTV (AAC) |
| | | 0640 | FRENCH 1 |
| | | 0645 | *FRENCH 2 |
| | | 0670 | ASL 1 |
| | | 0675 | *ASL 2 |

**SPEECH (HALF YEAR)**

| | | |
|---|---|---|
| 0185 | COMMUNICATION APPLICATIONS | |
| 9850 | PROFESSIONAL COMMUNICATIONS | |

**HEALTH (HALF YEAR)**

| | | |
|---|---|---|
| 0500 | HEALTH | |

**ENGLISH ELECTIVES**

| | | | |
|---|---|---|---|
| | | 0165 | *YEARBOOK 1 |
| | | 0166 | *YEARBOOK 2 |
| | | 0168 | *ADV JOURNALISM 1 |
| | | 0175 | *DEBATE 1 |
| | | 0176 | *DEBATE 2 |
| | | 0190 | ORAL INTERPRETATION I |

**FINE ARTS - THEATRE (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0750 | THEATRE ARTS 1 |
| | | 0751 | *THEATRE ARTS 2 |
| | | 0752 | *THEATRE ARTS 3 |
| | | 0770 | *TECH THEATRE 1 |

**FINE ARTS - CHORAL (FULL YEAR)**

| A | B | | |
|---|---|---|---|
| | | 0720 | CHOIR 1 - APPROVAL REQUIRED |
| | | 0721 | *CHOIR 2 |
| | | 0722 | *CHOIR 3 |

**FINE ARTS - ART (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0730 | ART 1 |
| | | 0731 | *ART 2 DRAWING |
| | | 0736 | *ART 2 PAINTING |
| | | 0732 | *ART 2 PRINT DESIGN |
| | | 0734 | *ART 2 CERAMICS |
| | | 0735 | *ART 2 SCULPTURE |
| | | 0738 | *ART 3 PHOTOGRAPHY |
| | | 9365 | PRIN & ELE OF FLORAL DSN **(FA CR)** |

**FINE ARTS - DANCE**

| | | | |
|---|---|---|---|
| | | 0785 | DRILL TEAM YEAR 2- TRYOUT REQUIRED |
| | | 0790 | DRILL TEAM YEAR 3- TRYOUT REQUIRED |
| | | 0782 | DANCE 1 (NON-DRILL TEAM) |
| | | 0787 | DANCE 2 (NON DRILL TEAM) |

**FINE ARTS - BAND (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0700 | BAND 1 MARCH - APPROVAL REQ |
| | | 0701 | *BAND 2 MARCH |
| | | 0702 | *BAND 3 MARCH |
| | | 0706 | *PERCUSSION |
| | | 0710 | *JAZZ BAND |

**ATHLETICS / PHYSICAL EDUCATION**

*****THE YEAR INDICATES THE NUMBER OF YEARS YOU HAVE PARTICIPATED IN ANY SPORT INCLUDING 8TH GRADE*****

| | YEAR 1 | YEAR 2 | YEAR 3 |
|---|---|---|---|
| PE AEROBICS | 8930 | | |
| ^ PE YOGA | 8940 | | |
| FOUNDATIONS OF PER FIT | 8935 | | |
| OUTDOOR ADVENTURE | 8945 | | |
| ATH TRAIN - APP. REQ. | 8850 | 8865 | 8875 |
| BASEBALL | 8350 | 8365 | 8375 |
| BOYS BASKETBALL | 8050 | 8565 | 8075 |
| GIRLS BASKETBALL | 8100 | 8115 | 8125 |
| BOYS GOLF | 8450 | 8465 | 8475 |
| GIRLS GOLF | 8500 | 8515 | 8525 |
| BOYS SOCCER | 8650 | 8665 | 8675 |
| GIRLS SOCCER | 8700 | 8715 | 8725 |
| CHEER - TRYOUT REQ. | 8750 | 8765 | 8775 |
| CROSS COUNTRY - BOYS | 8250 | 8265 | 8275 |
| CROSS COUNTRY - GIRLS | 8300 | 8315 | 8325 |
| DRILL TM/DANCE - *TRYOUT | 0780 | | |
| FOOTBALL | 8000 | 8515 | 8025 |
| SOFTBALL | 8400 | 8415 | 8425 |
| SWIM | 8550 | 8565 | 8575 |
| TENNIS | 8600 | 8615 | 8625 |
| TRACK - GIRLS | 8200 | 8215 | 8225 |
| VOLLEYBALL | 8825 | 8833 | 8837 |

**ROTC**

| | | | |
|---|---|---|---|
| | | 0501 | MCJROTC I |
| | | 0502 | *MCJROTCII |

**^ MAY ONLY TAKE IF NOT ALREADY RECEIVED CREDIT IN PE ITS.**



Revised 12/10/2014

# GRANBURY HIGH SCHOOL
# 2015-2016 SOPHOMORE COURSE SELECTION (PAGE 2)
## CAREER AND TECHNOLOGY EDUCATION CAREER CLUSTERS

**AGRICULTURE, FOOD & NATURAL RESOURCES**

| A | B | | |
|---|---|---|---|
| _____ | _____ | 9000 | PRIN OF AG, FOOD & NAT RES |
| _____ | _____ | 9005 | *LIVESTOCK PRODUCTION |
| _____ | _____ | 9008 | *SMALL ANIMAL MANAGEMENT |
| _____ | | 9360 | *WILDLIFE, FISHERIES, ECOLOGY **(SEM A)** |
| | _____ | 9350 | *EQUINE SCIENCE **(SEM B)** |
| _____ | _____ | 9365 | PRIN & ELEM FLORAL DES **(FINE ARTS CR)** |

**AG MECHANICS / WELDING**

| | | | |
|---|---|---|---|
| _____ | _____ | 9000 | PRIN OF AG, FOOD & NAT RES |
| _____ | _____ | 9050 | *AG MECHANICS & METAL TECH |

**ARTS, A/V TECHNOLOGY & COMMUNICATIONS - GRAPHICS**

| | | | |
|---|---|---|---|
| _____ | _____ | 9150 | GRAPHIC DESIGN & ILLUSTRATION **(HA)** |

**ARTS, A/V TECHNOLOGY & COMMUNICATIONS - VIDEO**

| | | | |
|---|---|---|---|
| _____ | _____ | 9205 | AUDIO VIDEO PRODUCTION |

**BUSINESS MANAGEMENT & ADMINISTRATION**

| | | | |
|---|---|---|---|
| _____ | | 9400 | BANKING & FINANCIAL SERV **(SEM A)** |
| | _____ | 9260 | GLOBAL BUSINESS **(SEM B)** |
| _____ | _____ | 9250 | BUSINESS INFORMATION MGT I |

**EDUCATION AND TRAINING**

| | | | |
|---|---|---|---|
| _____ | | 9560 | CHILD DEVELOPMENT **(SEM A)** |
| | _____ | 9565 | INTERPERSONAL STUDIES **(SEM B)** |

**FINANCE**

| A | B | | |
|---|---|---|---|
| _____ | _____ | 9405 | ACCOUNTING I |

**HEALTH SCIENCE**

| | | | |
|---|---|---|---|
| _____ | | 9455 | MEDICAL TERMINOLOGY **(SEM A)** |
| | _____ | 9450 | *PRIN. OF HEALTH SCIENCE **(SEM B)** |

**HOSPITALITY & TOURISM**

| | | | |
|---|---|---|---|
| _____ | | 9500 | PRIN. OF HOSPITALITY & TOURISM **(SEM A)** |
| | _____ | 9520 | TRAVEL AND TOURISM MGMT **(SEM B)** |

**INFORMATION TECHNOLOGY**

| | | | |
|---|---|---|---|
| _____ | | 9605 | WEB TECHNOLOGIES **(SEM A)** |
| | _____ | 9610 | *VIRTUAL BUSINESS **(SEM B)** |
| _____ | _____ | 9620 | COMPUTER PROG AND VIDEO GAME DESIGN |
| _____ | _____ | 9635 | COMPUTER MAINTENANCE |

**LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY**

| | | | |
|---|---|---|---|
| _____ | _____ | 9645 | PRIN LAW, PUB SAF, CORR & SEC |

**MARKETING**

| | | | |
|---|---|---|---|
| _____ | | 9705 | ADVERTISING AND SALES **(SEM A)** |
| | _____ | 9710 | SPORTS & ENTERTAINMENT MKT **(SEM B)** |

**SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS**

| | | | |
|---|---|---|---|
| _____ | _____ | 9750 | INTRO TO ENG. DESIGN **(PLTW) (HON)**** |
| _____ | _____ | 9755 | *PRINC OF ENGINEERING **(PLTW) (HON)**** |
| _____ | _____ | 9790 | F1 IN SCHOOLS |

**TRANSPORTATION, DISTRIBUTION & LOGISTICS**

| | | | |
|---|---|---|---|
| _____ | _____ | 9800 | PRIN OF TRAN, DIST, AND LOGIST |

**(AAC) DESIGNATES COURSES EARNING AAC CREDITS FOR GRADUATION**
*** COURSES WITH AN ASTERISK (*) REQUIRE PREREQUISITES - PLEASE SEE COURSE CATALOG**
**** SEE COURSE CATALOG FOR DUAL CREDIT OPTION**

**SCHEDULE CHANGES:** Course selections made during pre-registration are considered FINAL. Any request for a change in course after spring pre-registration must be made in writing. Students may not drop or add a course after three class days of attendance. The random changing of courses at the beginning of school will not be honored due to the effect these changes have on classroom enrollment and the disruption of classroom instruction.

Granbury ISD reserves the right to change course selections depending on test results, individual school staffing and other factors which may affect course offerings. When selecting courses, it is the responsibility of the parent and the student to make certain that the courses selected are the ones the student needs.

Equal opportunities are provided by the GISD for all students without regard to race, color, national origin, sex, and handicapping conditions.

Since entrance requirements vary from college to college, high school graduation does not necessarily ensure admission to college. It is primarily the responsibility of the parent and the student to make certain that the student's credits meet the requirements of the college he/she chooses to enter. This also applies to NCAA (National Collegiate Athletics Association) requirements.

**Student Signature:** _____ **Date:** _____

**Parent Signature:** _____ **Phone:** _____

**E-Mail:** _____



Revised 12/10/2014

# GRANBURY HIGH SCHOOL
# 2015-2016 JUNIOR COURSE SELECTION

STUDENT LABEL
COUNSELOR USE ONLY

**NAME:** _____ **ID:** _____

## ALL JUNIOR STUDENTS WILL TAKE A MINIMUM OF 7 CLASSES

**ENGLISH (FULL YEAR)**

| A | B | | |
|---|---|---|---|
| | | 0100 | ENGLISH SOL 1 |
| | | 0105 | *ENGLISH SOL 2 |
| | | 0110 | ENGLISH 1 |
| | | 0120 | ENGLISH 2 |
| | | 0130 | ENGLISH 3 |
| | | 0135 | *AP ENGLISH 3 |
| | | 0137 | *DC ENGLISH 3 (COLLEGE ENGLISH 1301, 1302) |
| | | 0140 | *ENGLISH 4 |
| | | 0145 | *AP ENGLISH 4 |
| | | 0147 | *DC ENGLISH 4 (COLLEGE ENGLISH 1301, 1302) |
| | | 0150 | *DC TECHNICAL WRITING (COLLEGE ENG 2311) |
| | | 0155 | *DC BRITISH LITERATURE (COLLEGE ENG 2322) |
| | | 0143 | COLLEGE PREP ELA |

**MATHEMATICS (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0210 | ALGEBRA 1 |
| | | 0220 | GEOMETRY |
| | | 0230 | *ALGEBRA 2 |
| | | 0235 | *PREAP ALGEBRA 2 |
| | | 0236 | *DC COLLEGE ALGEBRA (COLLEGE MATH 1314) |
| | | 0237 | *DC CONTEMP MATH (COLLEGE MATH 1332) |
| | | 0240 | *PREAP PRECALCULUS |
| | | 0245 | *PRECALCULUS |
| | | 0260 | *MATH MODELS |
| | | 0270 | *AP STATISTICS |
| | | 0280 | ADV QUANTITATIVE REASONING **(4TH MATH)** |
| | | 9780 | ENGINEERING MATH (PLTW) **(4TH MATH)** |
| | | 0275 | STATISTICS |
| | | 0285 | ALGEBRAIC REASONING |
| | | 0265 | COLLEGE PREP MATH |

**SCIENCE (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0310 | BIOLOGY |
| | | 0305 | IPC |
| | | 0325 | *AP BIOLOGY |
| | | 0328 | *DC ZOOLOGY/BOTANY SR&D 3 **(4TH SCIENCE)** |
| | | 0330 | *CHEMISTRY |
| | | 0335 | *PREAP CHEMISTRY |
| | | 0345 | *AP CHEMISTRY |
| | | 0360 | *PHYSICS |
| | | 0366 | *AP PHYSICS 1 |
| | | 0367 | *AP PHYSICS 2 |
| | | 0380 | AQUATICS **(4TH SCIENCE)** |
| | | 0385 | ENVIRONMENTAL SCIENCE **(4TH SCIENCE)** |
| | | 0395 | AP ENVIRONMENTAL SCIENCE **(4TH SCIENCE)** |
| | | 9010 | *ADV ANIMAL SCIENCE **(4TH SCIENCE)** |
| | | 9012 | *DC ADVANCED ANIMAL SCIENCE **(4TH SCIENCE)** |
| | | 9470 | *ANATOMY & PHYSIOLOGY **H (4TH SCIENCE)** |
| | | 9660 | FORENSICS **(4TH SCIENCE) (HON)** |
| | | 9820 | AVIATION SR&D 2 **(4TH SCIENCE) (HON)** |

**SOCIAL STUDIES (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0400 | WORLD GEOGRAPHY |
| | | 0417 | AP WORLD HISTORY |
| | | 0420 | US HISTORY |
| | | 0425 | *AP US HISTORY |
| | | 0426 | *DC US HISTORY (COLLEGE HISTORY 1301) |
| | | 0427 | *DC US HISTORY (COLLEGE HISTORY 1302) |
| | | 0430 | *AP EUROPEAN HISTORY |
| | | 0470 | PSYCHOLOGY |
| | | 0475 | SOCIOLOGY |

**FOREIGN LANGUAGE (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0600 | SPANISH 1 |
| | | 0605 | *SPANISH 2 |
| | | 0606 | *SPANISH 2 NTV |
| | | 0610 | *PREAP SPANISH 3 |
| | | 0611 | *PREAP SPANISH 3 NTV |
| | | 0616 | *AP SPANISH 4 |
| | | 0617 | *AP SPANISH 5 |
| | | 0618 | *AP SPANISH 4 NTV |
| | | 0619 | AP SPANISH 5 NTV |
| | | 0640 | FRENCH 1 |
| | | 0645 | *FRENCH 2 |
| | | 0650 | *PREAP FRENCH 3 |
| | | 0670 | ASL 1 |
| | | 0675 | *ASL 2 |
| | | 0680 | *ASL 3 **(HON)** |

**ENGLISH ELECTIVES**

_____ # DC HOURS COMPLETED

| A | B | | |
|---|---|---|---|
| | | 0157 | HUMANITIES |
| | | 0165 | *YEARBOOK 1 |
| | | 0166 | *YEARBOOK 2 |
| | | 0167 | *YEARBOOK 3 |
| | | 0168 | *ADV JOURNALISM 1 |
| | | 0169 | *ADV JOURNALISM 2 |
| | | 0175 | *DEBATE 1 |
| | | 0176 | *DEBATE 2 |
| | | 0177 | *DEBATE 3 |
| | | 0190 | ORAL INTERPRETATION I |
| | | 0193 | CREATIVE WRITING |

**FINE ARTS - THEATRE (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0750 | THEATRE ARTS 1 |
| | | 0751 | *THEATRE ARTS 2 |
| | | 0752 | *THEATRE ARTS 3 |
| | | 0753 | *THEATRE ARTS 4 |
| | | 0770 | *TECH THEATRE 1 |
| | | 0771 | *TECH THEATRE 2 |

**FINE ARTS - CHORAL (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0720 | CHOIR 1 - APPROVAL REQUIRED |
| | | 0721 | *CHOIR 2 |
| | | 0722 | *CHOIR 3 |
| | | 0723 | *CHOIR 4 |
| | | 0724 | *AP MUSIC THEORY |

**FINE ARTS - ART (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0730 | ART 1 |
| | | 0731 | *ART 2 DRAWING |
| | | 0732 | *ART 2 PRINT DESIGN |
| | | 0733 | *ART 3 ADVANCED PRINT DESIGN |
| | | 0734 | *ART 2 CERAMICS |
| | | 0735 | *ART 2 SCULPTURE |
| | | 0736 | *ART 2 PAINTING |
| | | 0737 | *PREAP ART 3 |
| | | 0738 | *ART 3 PHOTOGRAPHY |
| | | 0739 | *AP ART 3 DRAWING |
| | | 0748 | *ART 4 ADV PHOTOGRAPHY |
| | | 9365 | PRINCIPLES & ELEMENTS OF FLORAL DESIGN |

**FINE ARTS - DANCE**

| | | | |
|---|---|---|---|
| | | 0785 | DRILL TEAM YEAR 2- TRYOUT REQUIRED |
| | | 0790 | DRILL TEAM YEAR 3- TRYOUT REQUIRED |
| | | 0795 | DRILL TEAM YEAR 4- TRYOUT REQUIRED |
| | | 0782 | DANCE I |
| | | 0787 | DANCE II |
| | | 0792 | DANCE III |

**FINE ARTS - BAND (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0700 | BAND 1 MARCH - APPROVAL REQ |
| | | 0701 | *BAND 2 MARCH |
| | | 0702 | *BAND 3 MARCH |
| | | 0703 | *BAND 4 |
| | | 0706 | *PERCUSSION |
| | | 0710 | *JAZZ BAND |

**ATHLETICS / PHYSICAL EDUCATION**

*****CHOOSE THE YEAR OF THE SPORT YOU HAVE BEEN IN THE LONGEST - THAT WILL BE THE YEAR FOR ALL SPORTS YOU PARTICIPATE IN*****

| | YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|---|---|---|---|---|
| PE AEROBICS | 8930 | | | |
| ^ PE YOGA | 8940 | | | |
| FOUNDATIONS OF PER FIT | 8935 | | | |
| ADV/OUTDOOR EDU | 8945 | | | |
| ATH TRAIN - APP. REQ. | 8850 | 8865 | 8875 | 8885 |
| BASEBALL | 8350 | 8365 | 8375 | 8385 |
| BOYS BASKETBALL | 8050 | 8565 | 8075 | 8085 |
| GIRLS BASKETBALL | 8100 | 8115 | 8125 | 8135 |
| BOYS GOLF | 8450 | 8465 | 8475 | 8485 |
| GIRLS GOLF | 8500 | 8515 | 8525 | 8535 |
| BOYS SOCCER | 8650 | 8665 | 8675 | 8685 |
| GIRLS SOCCER | 8700 | 8715 | 8725 | 8735 |
| CHEER - TRYOUT REQ. | 8750 | 8765 | 8775 | 8780 |
| DRILL TEAM/DANCE - TRYOUT REQ. | 0780 | | | |
| CROSS COUNTRY - BOYS *FALL | 8250 | 8265 | 8275 | 8285 |
| CROSS COUNTRY - GIRLS *FALL | 8300 | 8315 | 8325 | 8335 |
| FOOTBALL | 8000 | 8015 | 8025 | 8035 |
| SOFTBALL | 8400 | 8415 | 8425 | 8435 |
| SWIM | 8550 | 8565 | 8575 | 8585 |
| TENNIS | 8600 | 8615 | 8625 | 8635 |
| TRACK - BOYS *SPRING | 8150 | 8165 | 8175 | 8185 |
| TRACK - GIRLS *SPRING | 8200 | 8215 | 8225 | 8235 |
| VOLLEYBALL | 8825 | 8833 | 8837 | 8843 |
| ~~ROTC~~ | 0501 | 0502 | 0503 | |

**^ MAY ONLY TAKE IF NOT ALREADY RECEIVED CREDIT IN PE ITS.**



Revised 12/10/2014

# GRANBURY HIGH SCHOOL
# 2015-2016 JUNIOR COURSE SELECTION (PAGE 2)
## CAREER AND TECHNOLOGY EDUCATION CAREER CLUSTERS

**AGRICULTURE, FOOD & NATURAL RESOURCES**

| A | B | | |
|---|---|---|---|
| | | 9000 | PRIN. OF AG, FOOD & NAT. RES. |
| | | 9005 | *LIVESTOCK PRODUCTION |
| | | 9008 | *SMALL ANIMAL MANGEMENT |
| | | 9010 | *ADVANCED ANIMAL SCI **(4TH SCIENCE)** |
| | | 9015 | *VETERINARY MEDICAL APP |
| | | 9012 | *DC ADVANCED ANIMAL SCI **(4TH SCIENCE)** |
| | | 9350 | *EQUINE SCIENCE **(SEM B)** |
| | | 9360 | *WILDLIFE, FISHERIES, ECOLOGY **(SEM A)** |
| | | 9365 | PRIN & ELEMENTS FLORAL DES **(FINE ARTS CR)** |

**AG MECHANICS / WELDING**

| | | | |
|---|---|---|---|
| | | 9000 | PRIN OF AG, FOOD & NAT RES |
| | | 9050 | *AG MECHANICS & METAL TECH |
| | | 9055 | *AG FACILITIES DESIGN AND FAB |

**ARTS, A/V TECHNOLOGY & COMMUNICATIONS - GRAPHICS**

| | | | |
|---|---|---|---|
| | | 9150 | GRAPHIC DESIGN & ILLUSTRATION **(HA)** |
| | | 9155 | *ADV GRAPHIC DESIGN & ILLUS **(HA) (2CR/2PER)** |
| | | 9190 | *COMMERCIAL PHOTOGRAPHY |

**ARTS, A/V TECHNOLOGY & COMMUNICATIONS - VIDEO**

| | | | |
|---|---|---|---|
| | | 9205 | AUDIO VIDEO PRODUCTION |
| | | 9210 | *ADV AUD/VID PROD - **(HA) (2 CR/2 PER)** |

**BUSINESS MANAGEMENT & ADMINISTRATION**

| | | | |
|---|---|---|---|
| | | 9250 | BUSINESS INFORMATION MGT I |
| | | 9260 | GLOBAL BUSINESS **(SEM B)** |
| | | 9400 | BANKING & FINANCIAL SERVICES **(SEM A)** |
| | | 9420 | CAREER PREP 1 **(3 CR 1 PR GHS/15 HR WK)** |

**EDUCATION AND TRAINING**

| | | | |
|---|---|---|---|
| | | 9325 | *EDUCATION/TRAIN **(READY, SET, TEACH)** |
| | | 9330 | *HUMAN GROWTH & DEVELOPMENT |
| | | 9560 | CHILD DEVELOPMENT **(SEM A)** |
| | | 9565 | INTERPERSONAL STUDIES **(SEM B)** |

**FINANCE**

| A | B | | |
|---|---|---|---|
| | | 9405 | ACCOUNTING I |
| | | 9410 | *ACCOUNTING II |

**HEALTH SCIENCE**

| | | | |
|---|---|---|---|
| | | 9450 | *PRIN. OF HEALTH SCIENCE **(SEM B)** |
| | | 9455 | MEDICAL TERMINOLOGY **(SEM A)** |
| | | 9460 | *HEALTH SCIENCE **(2 CR/2 PER)** |
| | | 9470 | *ANATOMY & PHYSIOLOGY **(4TH SCIENCE)** |

**HOSPITALITY & TOURISM**

| | | | |
|---|---|---|---|
| | | 9500 | PRIN. OF HOSPITALITY & TOURISM **(SEM A)** |
| | | 9508 | LIFETIME NUTRITION & WELLNESS **(SEM A)** |
| | | 9510 | *RESTAURANT MGMT **(SEM B)** |
| | | 9515 | CULINARY ARTS 1 |
| | | 9520 | TRAVEL AND TOURISM MGMT **(SEM B)** |

**INFORMATION TECHNOLOGY**

| | | | |
|---|---|---|---|
| | | 9605 | WEB TECHNOLOGIES **(SEM A)** |
| | | 9610 | *VIRTUAL BUSINESS **(SEM B)** |
| | | 9620 | COMPUTER PROG AND VIDEO GAME DESIGN |
| | | 9625 | *ADVANCED COMPUTER PROGRAMMING |
| | | 9635 | COMPUTER MAINTENANCE |
| | | 9640 | *COMPUTER TECHNICIAN **(2 CR/2 PER)** |

**LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY**

| | | | |
|---|---|---|---|
| | | 9645 | PRIN LAW, PUB SAF, CORR & SEC |
| | | 9650 | *LAW ENFORCEMENT I |
| | | 9660 | FORENSICS **HONORS (4TH SCIENCE)** |
| | | 9665 | FORENSIC PSYCHOLOGY |

**MARKETING**

| | | | |
|---|---|---|---|
| | | 9705 | ADVERTISING AND SALES **(SEM A)** |
| | | 9710 | SPORTS & ENTERTAINMENT MARKETING **(SEM B)** |
| | | 9265 | *ENTREPRENEURSHIP |

**SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS**

| | | | |
|---|---|---|---|
| | | 9750 | INTRO TO ENG. DESIGN **(IED) (HON)** |
| | | 9755 | *PRINCIPLES OF ENGINEERING **(PLTW) (HON) ** ** |
| | | 9785 | *CIVIL ENGINEERING **(PLTW) (HON)**** |
| | | 9780 | *ENGINEERING MATH HONORS **(4TH MATH)** |
| | | 9790 | *PROBLEMS AND SOLUTIONS IN F1 IN SCHOOLS |

**TRANSPORTATION, DISTRIBUTION & LOGISTICS**

| | | | |
|---|---|---|---|
| | | 9800 | PRIN OF TRANS, DIST, AND LOGIST |
| | | 9805 | *AUTOMOTIVE TECH |
| | | 9820 | AVIATION **(HON) (4TH SCIENCE)** |

**(HA) DESIGNATES HONORS CREDIT AVAILABLE IF NECESSARY REQUIREMENTS ARE MET**
*** COURSES WITH AN ASTERISK (*) REQUIRE PREREQUISITES - PLEASE SEE COURSE CATALOG**
**** SEE DUAL CREDIT OPTION IN COURSE CATALOG**
**ALL PREAP, AP, DC, & HONORS (HON) COURSES ARE WEIGHTED FOR GPA CALCULATION FOR CURRENT 11TH AND 12TH ONLY**

**SCHEDULE CHANGES:** Course selections made during pre-registration are considered FINAL. Any request for a change in course after spring pre-registration must be made in writing. Students may not drop or add a course after three class days of attendance. The random changing of courses at the beginning of school will not be honored due to the effect these changes have on classroom enrollment and the disruption of classroom instruction.

Granbury ISD reserves the right to change course selections depending on test results, individual school staffing and other factors which may affect course offerings. When selecting courses, it is the responsibility of the parent and the student to make certain that the courses selected are the ones the student needs.

Equal opportunities are provided by the GISD for all students without regard to race, color, national origin, sex, and handicapping conditions.

Since entrance requirements vary from college to college, high school graduation does not necessarily ensure admission to college. It is primarily the responsibility of the parent and the student to make certain that the student's credits meet the requirements of the college he/she chooses to enter. This also applies to NCAA (National Collegiate Athletics Association) requirements.

**Student Signature:** _____ **Date:** _____
**Parent Signature:** _____ **Phone:** _____
**E-Mail:** _____

# GRANBURY HIGH SCHOOL
# 2015-2016 SENIOR COURSE SELECTION

STUDENT LABEL
COUNSELOR USE ONLY

**NAME:** _____ **ID:** _____

## ALL SENIOR STUDENTS WILL TAKE A MINIMUM OF 7 CLASSES

**ENGLISH (FULL YEAR)**

| A | B | | |
|---|---|---|---|
| | | 0100 | ENGLISH SOL 1 |
| | | 0105 | *ENGLISH SOL 2 |
| | | 0110 | ENGLISH 1 |
| | | 0120 | ENGLISH 2 |
| | | 0130 | ENGLISH 3 |
| | | 0140 | ENGLISH 4 |
| | | 0145 | *AP ENGLISH 4 |
| | | 0147 | *DC ENGLISH 4 (COLLEGE ENGLISH 1301, 1302) |
| | | 0150 | DC TECHNICAL WRITING (COLLEGE ENG. 2311) |
| | | 0155 | DC BRITISH LIT (COLLEGE ENGLISH 2322) |
| | | 0143 | COLLEGE PREP ELA |

**MATHEMATICS (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0210 | ALGEBRA 1 |
| | | 0220 | GEOMETRY |
| | | 0230 | *ALGEBRA 2 |
| | | 0236 | *DC COLLEGE ALGEBRA (COLLEGE MATH 1314) |
| | | 0237 | *DC CONTEMP MATH (COLLEGE MATH 1332) |
| | | 0245 | *PRECALCULUS |
| | | 0240 | *PREAP PRECALCULUS |
| | | 0255 | *AP CALCULUS |
| | | 0270 | *AP STATISTICS |
| | | 0280 | *ADV. QUANTITATIVE REASON. **(4TH MATH)** |
| | | 9780 | ENGINEERING MATH **H (PLTW) (4TH MATH)** |
| | | 0275 | STATISTICS |
| | | 0285 | ALGEBRAIC REASONING |
| | | 0265 | COLLEGE PREP MATH |

**SCIENCE (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0310 | BIOLOGY |
| | | 0305 | IPC |
| | | 0325 | *AP BIOLOGY |
| | | 0328 | *DC ZOOLOGY/BOTANY SR&D 3 **(4TH SCIENCE)** |
| | | 0330 | *CHEMISTRY |
| | | 0345 | *AP CHEMISTRY |
| | | 0360 | *PHYSICS |
| | | 0366 | *AP PHYSICS 1 |
| | | 0367 | *AP PHYSICS 2 |
| | | 0380 | AQUATICS **(4TH SCIENCE)** |
| | | 0385 | ENVIRONMENTAL SCIENCE **(4TH SCIENCE)** |
| | | 0395 | AP ENVIRONMENTAL SCIENCE **(4TH SCIENCE)** |
| | | 9010 | *ADV ANIMAL SCIENCE **(4TH SCIENCE)** |
| | | 9012 | *DC ADVANCED ANIMAL SCIENCE **(4TH SCIENCE)** |
| | | 9470 | *ANATOMY & PHYSIOLOGY (**4TH SCIENCE)** |
| | | 9660 | FORENSICS **(4TH SCIENCE)** |
| | | 9820 | AVIATION SR&D 2 **(4TH SCIENCE)** |

**SOCIAL STUDIES (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0400 | WORLD GEOGRAPHY |
| | | 0410 | WORLD HISTORY |
| | | 0417 | AP WORLD HISTORY |
| | | 0425 | *AP US HISTORY |
| | | 0426 | *DC US HISTORY (COLLEGE HISTORY 1301) |
| | | 0427 | *DC US HISTORY (COLLEGE HISTORY 1302) |
| | | 0430 | *AP EUROPEAN HISTORY |
| | | 0440 | US GOVERNMENT |
| | | 0443 | *DC US GOVERNMENT 1 (COLLEGE GOVT 2305) |
| | | 0444 | *DC US GOVERNMENT 2 (COLLEGE GOVT 2306) |
| | | 0445 | *AP US GOVERNMENT |
| | | 0450 | ECONOMICS |
| | | 0455 | AP MACROECONOMICS |
| | | 0470 | PSYCHOLOGY |
| | | 0475 | SOCIOLOGY |

**FOREIGN LANGUAGE (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0600 | SPANISH 1 |
| | | 0605 | *SPANISH 2 |
| | | 0606 | *SPANISH 2 NTV |
| | | 0610 | *PREAP SPANISH 3 |
| | | 0611 | *PREAP SPANISH 3 NTV |
| | | 0616 | *AP SPANISH 4 |
| | | 0617 | *AP SPANISH 5 |
| | | 0618 | *SPANISH 4 NTV |
| | | 0619 | *AP SPANISH 5 NTV |
| | | 0640 | FRENCH 1 |
| | | 0645 | *FRENCH 2 |
| | | 0650 | *PREAP FRENCH 3 |
| | | 0660 | *AP FRENCH 4 |
| | | 0670 | ASL 1 |
| | | 0675 | *ASL 2 |
| | | 0680 | *ASL 3 |

**ENGLISH ELECTIVES**

| | | | |
|---|---|---|---|
| | | 0157 | HUMANITIES |
| | | 0165 | *YEARBOOK 1 |
| | | 0166 | *YEARBOOK 2 |
| | | 0167 | *YEARBOOK 3 |
| | | 0168 | *ADV JOURNALISM 1 |
| | | 0169 | *ADV JOURNALISM 2 |
| | | 0170 | *ADV JOURNALISM 3 |
| | | 0175 | *DEBATE 1 |
| | | 0176 | *DEBATE 2 |
| | | 0177 | *DEBATE 3 |
| | | 0180 | *DEBATE 4 |
| | | 0190 | ORAL INTERPRETATION I |
| | | 0193 | CREATIVE WRITING |

**SPEECH (HALF YEAR)** _____ # DC HOURS COMPLETED

| A | B | | |
|---|---|---|---|
| | | 0185 | COMMUNICATION APPLICATIONS |
| | | 9850 | PROFESSIONAL COMMUNICATIONS |

**FINE ARTS - THEATRE (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0750 | THEATRE ARTS 1 |
| | | 0751 | *THEATRE ARTS 2 |
| | | 0752 | *THEATRE ARTS 3 |
| | | 0753 | *THEATRE ARTS 4 |
| | | 0770 | *TECH THEATRE 1 |
| | | 0771 | *TECH THEATRE 2 |
| | | 0772 | *TECH THEATRE 3 |
| | | 0773 | *TECH THEATRE 4 |

**FINE ARTS - CHORAL (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0720 | |
| | | 0721 | |
| | | 0722 | |
| | | 0723 | |
| | | 0717 | |
| | | 0724 | |

**FINE ARTS - ART (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0730 | ART 1 |
| | | 0731 | *ART 2 DRAWING |
| | | 0736 | *ART 2 PAINTING |
| | | 0732 | *ART 2 PRINT DESIGN |
| | | 0734 | *ART 2 CERAMICS |
| | | 0735 | *ART 2 SCULPTURE |
| | | 0733 | *ART 3 ADVANCED PRINT DESIGN |
| | | 0737 | *PREAP ART 3 |
| | | 0738 | *ART 3 PHOTOGRAPHY |
| | | 0739 | *AP ART 3 DRAWING |
| | | 0741 | *AP ART 4 2-D DESIGN PORTFOLIO |
| | | 0748 | *ART 4 ADVANCED PHOTOGRAPHY |
| | | 9365 | PRINCIPLES & ELEMENTS OF FLORAL DESIGN |

**FINE ARTS - DANCE**

| | | | |
|---|---|---|---|
| | | 0785 | DRILL TEAM YEAR 2 - TRYOUT REQUIRED |
| | | 0790 | DRILL TEAM YEAR 3 - TRYOUT REQUIRED |
| | | 0795 | DRILL TEAM YEAR 4 - TRYOUT REQUIRED |
| | | 0798 | DRILL TEAM YEAR 5 - TRYOUT REQUIRED |
| | | 0782 | DANCE 1 |
| | | 0787 | DANCE 2 |
| | | 0792 | DANCE 3 |
| | | 0797 | DANCE 4 |

**FINE ARTS - BAND (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0700 | BAND 1 MARCH - APPROVAL REQ. |
| | | 0701 | *BAND 2 MARCH |
| | | 0702 | *BAND 3 MARCH |
| | | 0703 | *BAND 4 MARCH |
| | | 0715 | *BAND 5 MARCH |
| | | 0706 | *PERCUSSION |
| | | 0710 | *JAZZ BAND |

**ATHLETICS / PHYSICAL EDUCATION**

*****CHOOSE THE YEAR OF THE SPORT YOU HAVE BEEN IN THE LONGEST - THAT WILL BE THE YEAR FOR ALL SPORTS YOU PARTICIPATE IN*****

| | YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | YEAR 5 |
|---|---|---|---|---|---|
| PE AEROBICS | 8930 | | | | |
| ^ PE YOGA | 8940 | | | | |
| FOUNDATIONS OF PER FIT | 8935 | | | | |
| ADV/OUTDOOR EDU | 8945 | | | | |
| ATH TRAIN - APP. REQ. | 8850 | 8865 | 8875 | 8885 | 8890 |
| BASEBALL | 8350 | 8365 | 8375 | 8385 | 8390 |
| BOYS BASKETBALL | 8050 | 8565 | 8075 | 8085 | 8090 |
| GIRLS BASKETBALL | 8100 | 8115 | 8125 | 8135 | 8140 |
| BOYS GOLF | 8450 | 8465 | 8475 | 8485 | 8490 |
| GIRLS GOLF | 8500 | 8515 | 8525 | 8535 | 8540 |
| BOYS SOCCER | 8650 | 8665 | 8675 | 8685 | 8690 |
| GIRLS SOCCER | 8700 | 8715 | 8725 | 8735 | 8740 |
| CHEER - TRYOUT REQ. | 8750 | 8765 | 8775 | 8780 | 8790 |
| CROSS COUNTRY - BOYS | 8250 | 8265 | 8275 | 8285 | 8290 |
| CROSS COUNTRY - GIRLS | 8300 | 8315 | 8325 | 8335 | 8340 |
| DRILL TEAM/DANCE - TRYOUT R | 0780 | 0785 | 0790 | 0795 | 0798 |
| FOOTBALL | 8000 | 8515 | 8025 | 8035 | 8040 |
| SOFTBALL | 8400 | 8415 | 8425 | 8435 | 8440 |
| SWIM | 8550 | 8565 | 8575 | 8585 | 8590 |
| TENNIS | 8600 | 8615 | 8625 | 8635 | 8640 |
| TRACK - BOYS | 8150 | 8165 | 8175 | 8185 | 8190 |
| TRACK - GIRLS | 8200 | 8215 | 8225 | 8235 | 8240 |
| VOLLEYBALL | 8825 | 8833 | 8837 | 8843 | 8845 |
| **ROTC** | 0501 | 0502 | 0503 | 0504 | |

**^MAY ONLY TAKE IF NOT ALREADY RECEIVED CREDIT IN PE ITS.**



Revised 12/10/2014

# GRANBURY HIGH SCHOOL
# 2015-2016 SENIOR COURSE SELECTION (PAGE 2)
# CAREER AND TECHNOLOGY EDUCATION CAREER CLUSTERS

**AGRICULTURE, FOOD & NATURAL RESOURCES**

| A | B | | |
|---|---|---|---|
| | | 9000 | PRIN. OF AG, FOOD & NAT. RES. |
| | | 9005 | *LIVESTOCK PRODUCTION |
| | | 9008 | *SMALL ANIMAL MANGEMENT |
| | | 9010 | *ADVANCED ANIMAL SCI. **(4TH SCIENCE)** |
| | | 9015 | *VETERINARY MEDICAL APP. |
| | | 9012 | *DC ADVANCED ANIMAL SCIENCE **(4TH SCIENCE)** |
| | | 9025 | *PRAC. IN AFN ***(VET MED)*** - **(3 CR 1 PR GHS/10 HR WK)** |
| | | 9350 | *EQUINE SCIENCE **(SEM B)** |
| | | 9360 | *WILDLIFE, FISHERIES, ECOLOGY **(SEM A)** |
| | | 9365 | PRIN. & ELEMENTS FLORAL DES. **(FINE ARTS CR)** |

**AG MECHANICS / WELDING**

| | | | |
|---|---|---|---|
| | | 9000 | PRIN. OF AG, FOOD & NAT. RES. |
| | | 9050 | *AG MECHANICS & METAL TECH |
| | | 9055 | *AG FACILITIES DESIGN AND FAB. |
| | | 9060 | *PRAC IN AG MECH **(2-3 CR 1 PR GHS/10-15 HR WK)** |

**ARTS, A/V TECHNOLOGY & COMMUNICATIONS - GRAPHICS**

| | | | |
|---|---|---|---|
| | | 9150 | GRAPHIC DESIGN & ILLUSTRATION **(HA)** |
| | | 9155 | *ADV GRAPHIC DESIGN& ILLUS **(HA) (2 CR/2 PER)** |
| | | 9160 | *ANIMATION & ADV. GRAPHICS **(HA)** |
| | | 9190 | *COMMERCIAL PHOTOGRAPHY |
| | | 9195 | *ARTS/AV PRACTICUM GRAPHICS **(HA)** |

**ARTS, A/V TECHNOLOGY & COMMUNICATIONS - VIDEO**

| | | | |
|---|---|---|---|
| | | 9205 | AUDIO VIDEO PRODUCTION |
| | | 9210 | *ADV. AUDIO VIDEO PROD. - **(HA) (2 CR/2 PER)** |
| | | 9215 | PRAC OF AV **(HA) (2-3 CR 1 PR GHS/10-15 HR WK)** |

**BUSINESS MANAGEMENT & ADMINISTRATION**

| | | | |
|---|---|---|---|
| | | 9250 | BUSINESS INFORMATION MGT. I |
| | | 9260 | GLOBAL BUSINESS **(SEM B)** |
| | | 9400 | BANKING & FINANCIAL SERVICES **(SEM A)** |
| | | 9420 | CAREER PREP I **(3 CR 1 PR GHS/15 HR WK)** |
| | | 9425 | CAREER PREP II **(3 CR 1 PR GHS/15 HR WK)** |

**EDUCATION AND TRAINING**

| | | | |
|---|---|---|---|
| | | 9325 | *EDUCATION/TRAIN **(READY, SET, TEACH)** |
| | | 9330 | *HUMAN GROWTH & DEVELOPMENT |
| | | 9335 | PRACT OF EDUCATION & TRAINING **(2 CR/2 PR)** |
| | | 9560 | CHILD DEVELOPMENT **(SEM A)** |
| | | 9565 | INTERPERSONAL STUDIES **(SEM B)** |

**FINANCE**

| A | B | | |
|---|---|---|---|
| | | 9405 | ACCOUNTING I |
| | | 9410 | *ACCOUNTING II |

**HEALTH SCIENCE**

| | | | |
|---|---|---|---|
| | | 9450 | *PRIN. OF HEALTH SCIENCE **(SEM B)** |
| | | 9455 | MEDICAL TERMINOLOGY **(SEM A)** |
| | | 9460 | *HEALTH SCIENCE **(2 CR/2 PER)** |
| | | 9465 | *PRAC IN HLTH SCI ***(PH TECH)*** - **(2 CR/2 PER) (HON)** |
| | | 9466 | *PRAC IN HLTH SCI ***(EMT)*** -**(2 CR/2 PER) (HON)** |
| | | 9470 | *ANATOMY & PHYSIOLOGY **HON (4TH SCIENCE)** |

**HOSPITALITY & TOURISM**

| | | | |
|---|---|---|---|
| | | 9500 | PRIN. OF HOSPITALITY & TOURISM **(SEM A)** |
| | | 9508 | LIFETIME NUTRITION & WELLNESS **(SEM A)** |
| | | 9510 | *RESTAURANT MGMT **(SEM B)** |
| | | 9515 | CULINARY ARTS I |
| | | 9520 | TRAVEL AND TOURISM MGMT **(SEM B)** |

**INFORMATION TECHNOLOGY**

| | | | |
|---|---|---|---|
| | | 9605 | WEB TECHNOLOGIES **(SEM A)** |
| | | 9610 | *VIRTUAL BUSINESS **(SEM B)** |
| | | 9620 | COMPUTER PROG AND VIDEO GAME DESIGN |
| | | 9625 | *ADVANCED COMPUTER PROGRAMMING |
| | | 9635 | COMPUTER MAINTENANCE |
| | | 9640 | *COMPUTER TECHNICIAN **(2 CR/2 PER)** |

**LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY**

| | | | |
|---|---|---|---|
| | | 9645 | PRIN LAW, PUB SAF, CORR & SEC. |
| | | 9650 | *LAW ENFORCEMENT I |
| | | 9655 | *LAW ENFORCEMENT II |
| | | 9660 | FORENSICS **(HON) (4TH SCIENCE)** |
| | | 9665 | FORENSIC PSYCHOLOGY |

**MARKETING**

| | | | |
|---|---|---|---|
| | | 9705 | ADVERTISING AND SALES **(SEM A)** |
| | | 9710 | *SPORTS & ENTERTAINMENT MKT **(SEM B)** |
| | | 9265 | *ENTREPRENEURSHIP |

**SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS**

| | | | |
|---|---|---|---|
| | | 9750 | INTRO TO ENG. DESIGN **(IED) (HON)** |
| | | 9755 | *PRINCIPLES OF ENGINEERING **(PLTW) (HON)**** |
| | | 9785 | *CIVIL ENGINEERING **(PLTW) (HON)**** |
| | | 9775 | *ENGINEERING DESIGN AND DEV (EDD) |
| | | 9780 | *ENGINEERING MATH HONORS **(4TH MATH)** |
| | | 9790 | *PROBLEMS AND SOLUTIONS IN F1 IN SCHOOLS |

**TRANSPORTATION, DISTRIBUTION & LOGISTICS**

| | | | |
|---|---|---|---|
| | | 9800 | PRIN OF TRAN, DIST, AND LOGIST |
| | | 9805 | *AUTOMOTIVE TECH |
| | | 9815 | *ADV. AUTOMOTIVE TECH **(2 CR/2 PER)** |
| | | 9820 | AVIATION **(HON) (4TH SCIENCE)** |

**(HA) DESIGNATES HONORS CREDIT AVAILABLE IF NECESSARY REQUIREMENTS ARE MET**

**** SEE DUAL CREDIT OPTION IN COURSE CATALOG**

*** COURSES WITH AN ASTERISK (*) REQUIRE PREREQUISITES - PLEASE SEE COURSE CATALOG**

**ALL PREAP, AP, DC, & HONORS COURSES ARE WEIGHTED FOR GPA CALCULATION FOR CURRENT 11TH AND 12TH ONLY**

**SCHEDULE CHANGES:** Course selections made during pre-registration are considered FINAL. Any request for a change in course after spring pre-registration must be made in writing. Students may not drop or add a course after three class days of attendance. The random changing of courses at the beginning of school will not be honored due to the effect these changes have on classroom enrollment and the disruption of classroom instruction.

Granbury ISD reserves the right to change course selections depending on test results, individual school staffing and other factors which may affect course offerings. When selecting courses, it is the responsibility of the parent and the student to make certain that the courses selected are the ones the student needs.

Equal opportunities are provided by the GISD for all students without regard to race, color, national origin, sex, and handicapping conditions.

Since entrance requirements vary from college to college, high school graduation does not necessarily ensure admission to college. It is primarily the responsibility of the parent and the student to make certain that the student's credits meet the requirements of the college he/she chooses to enter. This also applies to NCAA (National Collegiate Athletics Association) requirements.

**Student Signature:** _____ **Date:** _____

**Parent Signature:** _____ **Phone:** _____

**E-Mail:** _____

# STARS ACCELERATED HIGH SCHOOL
# 2015-2016 COURSE SELECTIONS

STUDENT LABEL
COUNSELOR USE ONLY

**NAME:** _____ **ID:** _____

## ALL SENIOR STUDENTS WILL TAKE A MINIMUM OF 7 CLASSES

**ENGLISH (FULL YEAR)**

| A | B | | |
|---|---|---|---|
| | | 0110 | ENGLISH 1 |
| | | 0120 | ENGLISH 2 |
| | | 0130 | ENGLISH 3 |
| | | 0140 | ENGLISH 4 |
| | | 0143 | COLLEGE PREP ELA |
| | | 0157 | HUMANITIES |
| | | 0193 | CREATIVE WRITING |
| | | 0185 | COMMUNICATION APPLICATIONS |

**MATHEMATICS (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0210 | ALGEBRA 1 |
| | | 0220 | GEOMETRY |
| | | 0230 | *ALGEBRA 2 |
| | | 0245 | *PRECALCULUS |
| | | 0280 | *ADV. QUANTITATIVE REASON. **(4TH MATH)** |
| | | 0275 | STATISTICS |
| | | 0285 | ALGEBRAIC REASONING |
| | | 0265 | COLLEGE PREP MATH |

**SCIENCE (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0310 | BIOLOGY |
| | | 0305 | IPC |
| | | 0330 | *CHEMISTRY |
| | | 0360 | *PHYSICS |
| | | 0380 | AQUATICS |
| | | 0385 | ENVIRONMENTAL SCIENCE **(4TH SCIENCE)** |
| | | 9470 | *ANATOMY & PHYSIOLOGY (**4TH SCIENCE)** |
| | | 9660 | FORENSICS **(4TH SCIENCE)** |

**SOCIAL STUDIES (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0400 | WORLD GEOGRAPHY |
| | | 0410 | WORLD HISTORY |
| | | 0420 | US HISTORY |
| | | 0440 | US GOVERNMENT |
| | | 0450 | ECONOMICS |
| | | 0470 | PSYCHOLOGY |
| | | 0475 | SOCIOLOGY |

**FINE ARTS**

| | | | |
|---|---|---|---|
| | | 0730 | ART 1 |
| | | | MUSIC 1 HISOTRY |

**FOREIGN LANGUAGE (FULL YEAR)**

| | | | |
|---|---|---|---|
| | | 0600 | SPANISH 1 |
| | | 0605 | *SPANISH 2 |
| | | 0640 | FRENCH 1 |
| | | 0645 | *FRENCH 2 |
| | | 0670 | ASL 1 |
| | | 0675 | *ASL 2 |

**PE/HEALTH**

| | | | |
|---|---|---|---|
| | | 0500 | HEALTH |
| | | 8935 | FOUNDATIONS OF PER FIT |

**AGRICULTURE, FOOD & NATURAL RESOURCES**

| A | B | | |
|---|---|---|---|
| | | 9000 | PRIN. OF AG, FOOD & NAT. RES. |

**EDUCATION AND TRAINING**

| | | | |
|---|---|---|---|
| | | 9565 | INTERPERSONAL STUDIES |
| | | 9330 | *HUMAN GROWTH & DEVELOPMENT |
| | | 9560 | CHILD DEVELOPMENT |

**LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY**

| | | | |
|---|---|---|---|
| | | 9645 | PRIN LAW, PUB SAF, CORR & SEC. |
| | | 9650 | *LAW ENFORCEMENT I |
| | | 9655 | *LAW ENFORCEMENT II |
| | | 9660 | FORENSICS |

**ARTS, A/V TECHNOLOGY & COMMUNICATIONS - GRAPHICS**

| | | | |
|---|---|---|---|
| | | 9200 | PRINCIPLES OF ARTS/AV |
| | | 9205 | A/V PRODUCTION |

**BUSINESS MANAGEMENT & ADMINISTRATION**

| | | | |
|---|---|---|---|
| | | 9505 | PRINCIPLES OF BUS/MARK/FIN |
| | | 9250 | BUSINESS INFORMATION MGT. I |
| | | 9400 | BANKING & FINANCIAL SERVICES |
| | | 9265 | *ENTREPRENEURSHIP |

**INFORMATION TECHNOLOGY**

| | | | |
|---|---|---|---|
| | | 9630 | PRINCIPLES OF INFORMATION TECH |
| | | 9605 | WEB TECHNOLOGIES |
| | | 9610 | *VIRTUAL BUSINESS |

**HOSPITALITY & TOURISM**

| | | | |
|---|---|---|---|
| | | 9500 | PRIN. OF HOSPITALITY & TOURISM |
| | | 9510 | *RESTAURANT MGMT |
| | | 9520 | TRAVEL AND TOURISM MGMT |

**TECHNOLOGY APPLICATIONS**

| | | | |
|---|---|---|---|
| | | | FUNDAMENTALS OF COMPUTER SCIENCE |
| | | | DIGITAL DESIGN AND MEDIA PRODUCTION |

**SCHEDULE CHANGES:**

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*** COURSES WITH AN ASTERISK (*) REQUIRE PREREQUISITES - PLEASE SEE COURSE CATALOG**

**Student Signature:** _____ **Date:** _____
**Parent Signature:** _____ **Phone:** _____
**E-Mail:** _____



Revised 12/10/2014