

EQUAL OPPORTUNITY STATEMENT/DISCLOSURE STATEMENT

1. No administrative officer or employee of the Coppell School District, acting in his/her official capacity, may discriminate on the basis of a person's sex, race, religion, color, or national origin regarding: personnel practices, including assigning, hiring, promoting, compensating, and discharging employees; use of facilities, awarding contract, and participating in programs.
2. No student shall, on the basis of sex, race, religion, or national origin, be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any program or activity sponsored by this school district except as specifically provided in the Title IX Implementing regulations.
3. No qualified handicapped person shall, on the basis of handicap, be excluded from participation in, be denied benefits of, or be subjected to discrimination under any program or activity sponsored by this school district except as specifically provided in Section 504 Implementing regulations.

Inquiries regarding any of these policies should be directed to:

Superintendent of Schools, Dr. Jeff Turner at (214) 496-6000.

**CHS course offerings for
2010-2011 school year are
subject to appropriate
funding, teacher availability,
and/or class size.**

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COPPELL HIGH SCHOOL

185 West Parkway
Coppell, TX 75019
214-496-6104

Dear Parents and Students,

The Coppell High School Curriculum Course Guide has been designed to provide students and parents appropriate and helpful information regarding the courses offered at our school. During the coming weeks you will be making important decisions regarding course selection for the 2010-2011 school year. Becoming familiar with the course guide will be extremely important in order to make appropriate course selections for your student.

The CHS Guidance and Counseling Department has an understanding of your student's abilities and interests and will offer suggestions and advice based on those abilities. Although teachers can be valuable resources concerning courses and their recommendations, **it is extremely important that your student make individual choices for his/her schedule.** These are very important decisions in which students must have input, *as schedule changes will be minimal.*

Let me urge you to review the courses on the following pages with your student. **The CISD Board of Trustees has approved the courses found in this course planning guide; however, staffing, class load, and funding will determine course availability.** For our incoming freshmen, please note that graduation requirements will change based on recommendations from the past legislative session and decisions made by our Board of Trustees.

Schedule subjects carefully! After the initial selection, schedule changes will be made only for extenuating circumstances. **Changes made after the opening of school will only be made for equalizing teacher's loads, for administrative purposes, or for correcting errors.**

It is our desire that your student has appropriate opportunities to select courses and makes the best possible choices that are offered in Coppell High School's curriculum. Should you have any questions regarding particular courses and/or the course selection process, graduation requirements, or scheduling, please call your student's counselor. We will do our best to successfully answer your questions. Beginning in the 2010-2011 school year, we are excited to launch the **Coppell High School Learning Academies.** Academies offer students the opportunity to be a member of a small learning community in the field of their choice. Look for academy information on the CHS website. www.coppellisd.com/chs/site/ We look forward to working with you and your student in preparing for a successful upcoming school year.

Sincerely,

Brad A. Hunt

Brad A. Hunt, Principal
Coppell High School

Coppell High School
Counseling and Academic Guidance
Lead Counselor – Debbie Fruithandler

Support Staff: 9th Grade	Title	E-mail address	Phone Number
Elizabeth Adkins	9 th Grade Secretary/Registrar	eadkins@coppellisd.com	(214)496-6148
Support Staff: 10th-12th Grades			
Linda Adams	Student Services Receptionist	ladams@coppellisd.com	(214)496-6150
Sherry Brown	Data Entry Specialist	sbrown@coppellisd.com	(214)496-6160
Sue Grigsby	Registrar	sgrigsby@coppellisd.com	(214)496-6156
Donna Poe	Secretary	dpoe@coppellisd.com	(214)496-6140

Counselors: 9th Grade	Alphabet	E-mail address	Phone Number
Sharron Thurkill	(A-K)	sthurkill@coppellisd.com	(214)496-6146
Tiffany Blackwood	(L-Z)	tblackwood@coppellisd.com	(214)496-6114
Counselors: 10th-12th Grades			
Penny Davis	(A-C)	pdavis@coppellisd.com	(214)496-6132
Chasity Lansdell	(D-Hi)	clansdell@coppellisd.com	(214)496-7073
Alice Sandel	(Ho-Man)	asandel@coppellisd.com	(214)496-6144
Mindy McMinn	(Mao-Pr)	mmcminn@coppellisd.com	(214)496-6138
John Crook	(Pu-Vam)	jcrook@coppellisd.com	(214)496-6142
Debbie Fruithandler	(Van-Z)	dfruithandler@coppellisd.com	(214)496-6134

SCHEDULE CHANGE POLICY

Courses are scheduled and teachers are employed for the school year based on registration requests. Students are expected to discuss his/her selections with parents and teachers as they make careful decisions about course selections. Counselors will meet individually with each student to collect registration forms and finalize decisions.

Guidelines for schedule changes are listed below:

- 1. No course request changes will be accepted after April 15th.**
2. Schedule changes after April 15 will only be made for the following:
 - A senior is not scheduled in a class needed for graduation
 - A student failed a prerequisite course
 - A student earned credit over the summer
 - A student is scheduled in a class in which credit has already been earned
 - A schedule change is necessary due to changes in the master schedule
3. Schedule changes from Pre-AP/AP classes to regular classes will be made if space is available at the end of the third week of school, at the end of the 1st six weeks, and at the end of the 1st semester. If a level change is approved, the grade earned in a Pre-AP or AP class will be the grade the student begins with in the new class.
4. No elective changes will be made when a student is in a class he/she selected as a first or alternate choice.

The student must always attend the classes on his/her schedule until receiving an official schedule from the Counseling Office reflecting the new classes. Failure to comply will cause the student to be counted truant.

COPPELL HIGH SCHOOL 2010 REGISTRATION TIMELINE FOR INCOMING 9TH GRADERS

Feb. 15	Middle School West Student Presentations (day) Middle School West Parent Presentations 6:00-7:00
Feb. 16	Middle School North Student Presentations (day) Middle School North Parent Presentations 6:00-7:00
Feb. 17	Middle School East Student Presentations (day) Middle School East Parent Presentations 6:00-7:00
Feb. 18	6:30 Curriculum EXPO Night for 8 th grade Students and Parents
Feb. 26	Registration Course Selection Sheet due to Middle School
Mar. 12	Registration forms due to CHS having been reviewed, cleaned up, and entered
Apr. 15	Final Date to make changes in Course Requests
May 1	Course selection printed and distributed to Students/Parents for the 2010-2011 School Year

COPPELL HIGH SCHOOL 2010 REGISTRATION TIMELINE FOR INCOMING 10TH – 12TH GRADERS

Jan. 6	Course Selection Video presentation during 4 th period classes Teachers hand out Course Planning Guides and Registration Forms in 4 th period Teachers begin process of selecting students for classes that require teacher approval Parent/Student Information Meetings/EXPO/IP Information Meetings at 6:30-8:30 PM
Jan. 12	Deadline for registration forms to be returned to 4 th period teachers
Jan. 20	Teachers/Department Heads provide counselors with list of students approved for courses which require applications
Jan. 21	Junior Presentations in the Lecture Hall through English classes for registration Parent College Meeting @ 630 PM
Jan. 25-Feb. 19	Junior Individual Meetings begin with parents by appointment in counselors' offices Freshmen meetings begin with 9 th grade counselors
Feb. 22-Mar. 11	Sophomore Individual Meetings begin by appointment in counselors' offices
Mar. 12	All course requests entered
Apr. 15	Final date to make changes in course requests with counselor

GRADUATION PLANS

Graduation plans are currently under review by the Coppell Independent School District Board of Trustees due to the recent changes in graduation requirements by the Texas State Board of Education.

Graduation plans will be posted on the Coppell Independent School District and the Coppell High School websites.

TAKS (Texas Assessment of Knowledge and Skills)

State law mandates that students must also pass all sections of Texas Assessment of Knowledge and Skills (TAKS.) to receive a Texas diploma. Exit Level TAKS will be administered to 11th grade students.

The Distinguished Achievement Program (DAP)

The Distinguished Achievement Program is the most prestigious diploma in the state of Texas. The graduate who earns distinguished achievement completes a rigorous program of study in pursuit of a high school diploma that is a stepping stone to continued higher education. The student will be a DAP candidate until all requirements are verified. The requirements for completing the DAP pathway are listed below:

1. The student must complete the coursework (credits) of the DAP graduation plan (three years of one foreign language).
2. The student must also **achieve any combination of four** of the following advanced measures. Original research/projects may not be used for more than two of the advanced measures. The measures must focus on demonstrated student performance at the college or professional level. Student performance on advanced measures must be assessed through an external review process.

Measure 1 original research/project that is:

- Judged by a panel of professionals in the field that is the focus of the project; or
- Conducted under the direction of a mentor(s) and reported to an appropriate audience; it is the student's responsibility to secure a mentor to serve as a partner for the original research/project; and
- Related to the required curriculum set forth in the Essential Knowledge and Skills base for the state of Texas.

Measure 2 test data where a student receives:

- A score of three or above on a College Board Advanced Placement examination;
- A score of 4 or above on an IB exam

Measure 3 a score on the Preliminary Scholastic Assessment Test (PSAT) that qualifies a student for recognition by the National Merit Scholarship Corporation Program as Commended or higher as part of the:

- National Merit Scholars Program, or
- National Achievement Program (for Black Americans)
Or a score that qualifies a student for the College Board's
- National Hispanic Recognition Program

The PSAT score may count as only one advanced measure regardless of the number of honors received by the student;

Measure 4 College courses with a grade of 3.0 (B) or higher on courses that count for COLLEGE CREDIT, and Tech Prep courses (preparation for high-technology careers) in high school with a grade of 80 or higher – courses that qualify have a “thumbs up” symbol in front of the course title

***There can be NO substitutions allowed in the Distinguished Achievement Program.
See DAP FAQ at <http://www.tea.state.tx.us/gted/dapfaq.html#q2>.***

INTERNATIONAL BACCALAUREATE (IB) DIPLOMA PROGRAM

This program is a distinction within the graduation requirements of Coppell High School. A graduate may complete this program and/or the Distinguished Achievement Program (DAP) while working towards meeting graduation requirements.

As part of the program students must complete six IB courses. In addition to the grades earned at CHS, upon completion of the courses students receive a score of 1-7 based on the quality of externally graded examinations and internally marked authentic assessments. For either three or four of the courses students must complete examinations at the higher level (HL). If students complete the activities below and earn a total of 24 points in their six IB courses, they will be awarded the International Baccalaureate (IB) diploma.

- Creativity, Action, Service (CAS) – 150 hours of activities over the two years
- Extended Essay (EE) – 4,000 word original research paper on a topic of personal interest, mentored by faculty member
- Theory of Knowledge (ToK) course – one-semester course taken in the fall of senior year, plus some seminars/independent study over the full program

Courses Available – Choosing one path (row) from each of the six groups will satisfy the IB requirements as long as the student has the ability to complete three or four HL examinations (see the far right column).

	Years	First Course	Second if Required	Examination Level Choices Upon Completion
1. English	2	IB English I	IB English II	HL
2. Second Language	2	IB Advanced Spanish I	IB Advanced Spanish II	HL or SL
	2	IB Spanish ab initio I	IB Spanish ab initio II	SL
	2	IB Mandarin ab initio I	IB Mandarin ab initio II	SL
3. Social Studies – completion of IB History 1 and 2 includes and 0.5 government credit++	2	IB History of the Americas I	IB History of the Americas II	HL
	1**	IB Economics		SL
4. Science	2	IB Biology I	IB Biology II	HL or SL
	2	IB Chemistry I	IB Chemistry II	HL or SL
	2	IB Physics I	IB Physics II	HL or SL
	2	IB Design Technology I	IB Design Technology II	HL or SL
	1**	IB Environmental Systems and Societies		SL
5. Mathematics	2	IB Advanced Math I	IB Advanced Math II	HL or SL
	1**	IB Math Studies		SL
6. Arts/Elective	2	IB Visual Arts I	IB Visual Arts II	HL or SL
	1**	IB Visual Arts I		SL
	2	IB Film I	IB Film II	HL or SL
	1**	IB Film I		SL
	1 or 2	A second course from group 2, 3 or 4 (e.g. take History AND Economics or take Spanish AND Mandarin or take Biology AND Chemistry)		

Other notes

- The availability of all courses is subject to student demand
- Students wishing to take an “ab initio” language may not have had any previous school experience with the language or be a native speaker of the language
- Successful completion of the Theory of Knowledge course in the fall of the senior year will earn speech credit++
- There are no explicit prerequisites for any of the courses from an IB standpoint. However due to 4x4 math requirements students at CHS take IB Math Studies only after completion of Algebra II.

* * one year courses may be taken either junior or senior year

++government and speech credit will be awarded pass/fail

If you have further or more specific questions on how the IB diploma program might work for your child, please contact the CHS IB Coordinator, Jeb Puryear, jpuryear@coppellisd.com .

ADVANCED PLACEMENT (AP) COURSES

AP COURSES

Advanced Placement (AP) courses are designed by College Board to reflect the knowledge and skills taught in college courses. Students may demonstrate their knowledge and skills on AP Exams offered each May during a two week period. Students may earn college credit based on qualifying scores on the exams. The criteria for earning credit varies by college. For more information, visit www.apcentral.collegeboard.com.

CHS endorses an open enrollment policy for AP courses. There are no qualifying criteria or applications for students to enroll as long as they have taken the stated pre-requisite courses. The Advanced Placement program enriches the secondary school experience of students willing to apply themselves to college level studies and provides the means for colleges to grant credit or placement, or both, to students who earn qualifying scores on AP exams.

AP courses offered at Coppell High School Include:

English	English Language & Composition (English III)		English Literature & Composition (English IV)	
Mathematics	Statistics	Calculus AB	Calculus BC	Computer Science I
Science	Biology	Chemistry	Environmental Science	
	Physics B	Physics C		
Social Studies	Human Geography	World History	European History	
	U.S. History	U.S. Government	Comparative Government and Politics	
	Macro-economics	Micro-economics	Psychology	
World Languages	Spanish Language	Spanish Literature		
	French Language	Latin		
Art	Art History	Art 2D (Drawing)		
	Art 2D Design	Art 3D Design		

PRE-AP COURSES

CHS designates some courses as Pre-AP courses. These courses are intentionally designed to provide students the skills necessary to succeed in college level courses (such as AP courses or dual credit courses). The strategies in Pre-AP courses focus on critical reading, writing, and problem solving. Students participating in the Pre-AP program and AP program are typically well-prepared for college.

Junior Release

Junior Release is an opportunity for students to focus on career or academic pursuits when a minimum set of standards has been achieved. Junior release is a privilege, not a right.

Junior Release Criteria

- Recommended Graduation Plan or Distinguished Achievement Program
- Parental approval
- Pass all Grade 10 Texas Assessment of Knowledge and Skills (TAKS) tests
- 14 credits by the end of 10th grade
- Meet compulsory attendance requirements

Senior Release

Senior Release is an opportunity for students to focus on career or academic pursuits when a minimum set of standards has been achieved. Senior release is a privilege, not a right.

Senior Release Criteria

- Recommended Graduation Plan or Distinguished Achievement Program
- Parental approval
- Pass all exit-level Texas Assessment of Knowledge and Skills (TAKS) tests
- 20 credits by the end of 11th grade
- Meet compulsory attendance requirements

AP Prep Senior Release

AP Prep Senior Release Criteria

- Recommended Graduation Plan or Distinguished Achievement Program
- Parental approval
- Pass all exit-level Texas Assessment of Knowledge and Skills (TAKS) tests
- 20 credits by the end of 11th grade
- Meet compulsory attendance requirements
- 3 Advanced Placement classes per semester

GRADING

Grade points are assigned to each semester grade as follows. Any semester grade below 70 is averaged into a student's GPA with "0" grade points.

Grades	Level 4 AP, IB and other designated courses	Level 3 PreAP, Dual Credit and other designated courses	Level 2 On Grade Level courses	Level 1 Modified Curriculum and other designated courses
97-100	6.0	5.5	5.0	4.0
94-96	5.8	5.3	4.8	3.8
90-93	5.6	5.1	4.6	3.6
87-89	5.4	4.9	4.4	3.4
84-86	5.2	4.7	4.2	3.2
80-83	5.0	4.5	4.0	3.0
77-79	4.8	4.3	3.8	2.8
74-76	4.6	4.1	3.6	2.6
71-73	4.4	3.9	3.4	2.4
70	4.2	3.7	3.2	2.2

Dual Credit courses will earn GPA points on the following scale:

A = 5.5 B = 4.9 C = 4.3 D = 3.7

Students entering high school prior to the fall of 2010 will have the following courses excluded from the calculation of their grade point average (guidelines for students entering in the fall of 2010 are under review by the School Board):

- Band, Chorale music, Dance
- Student Leadership, Senior Leadership Corps
- Office aide, counselor aide, teacher aide
- PE, Athletics, drill team, dance, cheerleading,
- Correspondence courses
- Any other local credit courses

LOCAL CREDIT

Students can gain local credit by taking local credit classes. However, these credits can not be used to meet the 24 or 26 credits that are required on the various graduation plans. These are excluded because the state requires the 24 or 26 credits to be state credits as opposed to local credits. Local credit is granted for the following courses:

- Lab Management
- Library Assistant (after 1 credit)
- Office/Counselor/Teacher Aide
- Student Leadership
- Senior Leadership Corps
- Remediation Classes for TAKS (Testing and Measurement, Algebraic & Geometric Problem Solving, and/or Environmental Systems)
- Cheerleading (after 2 credits)
- Drill Team (after 2 credits)
- Athletics (after 2 credits)
- PE (after 2 credits)

DETERMINING CREDIT FOR COURSES

To receive credit for a **one-semester** course, a student must pass the semester with a score of 70 or higher. Each semester grade stands alone for GPA/Rank purposes and will be posted on the official transcript with the appropriate credit awarded.

To receive credit for a **two-semester** course, a student must pass each semester with a score of 70 or higher.

OR

Students who **fail either semester** of a two-semester course can regain credit by average passing the course for the year.

Notes:

- The second semester of the course must be taken at Coppell High School immediately following the first semester.
- The regained credit will not be calculated into GPA.
- The failing grade will be posted on the official transcript and .5 credits will be awarded.
- Dual Credit courses cannot be averaged to earn a full year credit.

Prior to the 2009-2010 school year the following rules were in place:

If a student **fails the first semester** of a two-semester course, he or she can regain credit for the first semester by taking the second semester of the course in the spring semester immediately following and earning an average grade for both semesters of 70 or higher.

Notes:

- The second semester of the course must be taken at Coppell High School immediately following the first semester.
- The regained credit for first semester will not be calculated into GPA.
- The first semester failing grade will be posted on the official transcript and .5 credits will be awarded.
- Dual Credit courses cannot be averaged to earn a full year credit.

If a student fails both semesters of a course, then both semesters must be repeated. All courses that a student attempts will be posted on the official transcript.

A student must have a 90% attendance rate in school in order to receive credit for any course taken at Coppell High School regardless of the grade earned.

HOME ACCESS CENTER AND STUDENT GRADES

Parents and students may view grades through the Home Access Center. This tool provides **unofficial** grading information. Students' official grades are reported at the end of each six weeks.

SEMESTER GRADE CALCULATION

Semester grades are calculated in the following manner:

1. Double each six weeks grade (as printed on the report card)
2. Add the semester exam grade
3. Divide the total by 7

$$\frac{(1\text{st Six Weeks}) \times 2 + (2\text{nd Six Weeks}) \times 2 + (3\text{rd Six Weeks}) \times 2 + \text{Semester Exam}}{7}$$

SENIOR RANK

Transcripts are updated in the fall to reflect summer grades and changes in enrollment. This update will be completed for seniors in October. **Final rank will be calculated at the end of the 1st semester of the senior year.**

PROMOTION

Credits required for *students entering CHS for the 2007-2008 school year and beyond*:

10th grade: 6.0 credits 11th grade: 12 credits 12th grade: 19 credits

To be promoted from one grade level to the next, the student must have met the following criteria.

1. From the ninth grade, a student must have acquired the credits above, including one credit of English and Algebra I.
2. From the tenth grade, a student must have acquired the credits above, including two credits of English and two credits of mathematics.
3. From the eleventh grade, a student must have acquired the credits above, including three credits of English and three credits of mathematics.
4. To graduate, a twelfth grade student must satisfy requirements for mastery of the Exit Level TAKS tests in addition to meeting all other graduation requirements. A student who has not passed the exit level tests will not receive a diploma. Students with disabilities shall pass the section(s) of the Exit Level TAKS test for which they are eligible, as specified in their Individual Education Plan, to receive a high school diploma. Students officially placed in Special Education program(s) shall be promoted and shall graduate according to the criteria stated in their Individual Education Plan (IEP) and by the decisions of the Admission, Review, Dismissal (ARD) committee.

TRANSCRIPTS

A transcript is an Academic Achievement Record (AAR) that is an official and permanent record of a student's academic performance during high school. Semester grades earned in grades 9-12 and any high school course taken prior to ninth grade for which a student earned state graduation credit will be recorded. Grades recorded on the official transcript (AAR) may not be removed or replaced.

Entries on Coppell High School's Transcript (AAR), a state document, are of actual courses taken, grades earned, credit awarded, and codes denoting special explanations. Also, included are the following:

- Date
- Student's First, Middle, and Last Name
- Coppell Student ID number
- Student Social Security number
- Parent/Guardian name, address, and phone number
- School's name, address, phone number, and CBCC number
- Class Rank
- Class Size
- GPA
- Date of graduation
- Graduation program type
- Current grade level
- Texas Grant eligible
- Exit Level TAKS

An official transcript (AAR) will be stamped with an official seal, signed by a school official, and enclosed in a sealed envelope.

Transcripts are updated with new GPAs and CLASS RANKING about a month after the end of the fall and spring semester. Transcripts are also updated in the fall to reflect summer grades and changes in enrollment. This update will be completed for seniors in October.

ACT and/or SAT scores are not included with transcripts. If needed, please request test scores from:

ACT www.actstudent.org
SAT www.collegeboard.com

You may request transcripts using the on-line system, Docufide. The link for Docufide can be found on the CHS website (www.coppellisd.com/chs) under the counseling menu. Transcripts are \$5.00 each and you will need to allow two weeks for processing

According to State code 34 CFR 99.5, a student who has attained 18 years of age or is attending an institute of post-secondary education has the rights accorded to, and consent required of, transfer from the parent to the student. Access to the records of the student who is or has been in attendance at a school in the District shall be granted to the parent of the student who is a minor or who is a dependent for tax purpose.

Verification of Enrollment and Attendance (TEA FORM)

All students enrolling in Driver's Education, getting their license for the first time, renewing their expired license, or renewing their license when they turn 17, need to request a Verification of Enrollment and Attendance form required by the Texas Education Agency (T.E. A.). This form is available in the Student Services office. CHS does not offer Driver's Education classes.

The Early High School Graduation Scholarship Program

The Early High School Graduation Scholarship Program is a financial assistance program authorized by the 74th Texas Legislature, 2nd Session, 1995 (Texas Education Code (TEC), Chapter 56, Subchapter K) for students who graduate from high school in fewer than four years.

Students who are eligible may earn state credit to be used toward tuition or tuition and mandatory fees at a public or private institution of higher education in Texas.

Requirement/Aspect	Students graduating on/after June 15, 2007
Curriculum	Recommended or Distinguished Achievement ¹
Residency	Only US Citizens and others authorized lawfully to live in the US ²
Location of High School(s) Attended	Varies. Majority of High School time attending public high school in Texas ³
Must Graduate from	Public H.S. in Texas
Meet Selective Service Registration Requirements	Required
Time to graduation	Less than or = to 36 month Less than or = to 41 months Less than or = to 45 months
Value/Uses of EHS Award	Less than or = to 36 months \$2000 for tuition and fees Less than or = to 41 months \$500 for tuition and fees Less than or = to 45 months \$0
\$1000 Bonus for College Credits	≤ 36 month graduates with 15 hours ≤ 41 month graduates with 30 hours ≤ 46 month graduates with 30 hours ⁴

For more information:

earlygrad@theeb.state.tx.us

1-800-242-3062 ext. 6328

¹ A student who does not graduate under the Recommended or Distinguished Achievement Curriculum will be considered to have met this requirement if the high school from which the student graduates notes on the student's transcript that he or she was unable to complete the appropriate curriculum within the time allowed because the necessary courses were unavailable due to course scheduling, lack of enrollment capacity or another cause not in the student's control. However, the student must have completed all parts of the curriculum realistically available to him/her.

² Beginning with students graduating on/after 6/15/2007, recipients must be U.S. Citizens or otherwise lawfully in the United States. This would include holders of visas that have not expired and Permanent Residents. High school counselors are asked to give their best "guess regarding this requirement, but the college registrar's office will make the final determination

³ Beginning with students graduating on/after 6/15/2007, recipients must only have completed the *majority* of his/her high school while attending high school in Texas. "Majority" is measured by time enrolled, not credit hours.

⁴ Beginning with students graduating on/after 6/15/2007, students graduating with at least semester credit hours may graduate in no more than 46 months and still receive an award. Earlier graduates must have graduated in no more than 45 months.

COLLEGE INFORMATION

The Go-Center

The Go-Center is a program created by College for Texans. It is a partnership between a high school and a public university to give high school students hands-on help with the college admissions process. The CHS G0-Center partners with Texas Woman's University. Student from TWU staff the CHS Go-Center that is located in the lobby of Student Services. CHS students go to student services anytime to sign up for appointments on designated days. The students are called from class for their appointments with a pass to student services. One TWU student works individually with one CHS student to walk them through any step of the college application/financial aid/scholarship process. Students may sign up for more than one appointment.

The Texas Success Initiative

The Texas Success Initiative (TSI), which became state law in 2003, is a program of assessment, advising, developmental education, and student support services that is designed to ensure that students have the skills they need to succeed in college. Although it bears some similarity to its predecessor, the Texas Academic Skills Program (TASP), the basic premise of the TSI is that colleges and universities should have the flexibility to design a program that meets an individual student's needs.

The TSI begins with an assessment of entering students' college readiness. Students may achieve exemption from the TSI by receiving a high score on the SAT, ACT, or eleventh grade TAKS. Students who are not exempt based on one of those scores may take one of four tests (ASSET, COMPASS, ACCUPLACER, or THEA) to assess their skills in reading, writing, and mathematics.

Public universities/colleges in Texas require all students to take the TSI test before they can register for any college courses. A student can be exempt from TSI under the following conditions. See your counselor for more information. For more information: <http://www.thecb.state.tx.us/>

Test Exemption Minimum Standards

Any one of the following will exempt a student from the ACCUPLACER or the THEA:

- TAKS scores Math = 2200, ELA =2200 and 3+ on essay
- SAT 1070 total for Math and Critical Reading, each score must be at least 500 minimum
- ACT 23 composite total, Math and English scores must be at least 19

Texas Grants

The Texas Legislature established the TEXAS (Towards EXcellence, Access and Success) Grant to make sure that deserving high school graduates with financial need could go to college.

The TEXAS Grant, in combination with other aid, pays tuition and fees at the state's public colleges and universities.

Type of Institution	Average Tuition and Fees
Community College	\$1,552
Public Technical College	\$2,708
State College (Lamar)	\$2,841
Public University	\$4,539

Annual average tuition and fees for a single student taking 15 semester credit hours, fall and spring semesters.

You apply for the TEXAS Grant when you complete and submit the [Free Application for Federal Student Aid \(FAFSA\)](#) or other application as required by your college's financial aid office. Funding is limited, so you need to submit your application as soon as possible after January 1 of your senior year.

Because they are using funds from a number of sources to help as many students as possible, the financial aid office at each college and university will determine if TEXAS Grant is part of the aid package that is offered to you. Consequently, you may not qualify for a TEXAS Grant but receive other types of financial aid such as the federal Pell Grant, instead. Aid packages will vary among institutions.

The following information is accurate for students entering the program on or after September 1, 2005.

Eligibility Requirements for an Initial Texas Grant Award

- Are Texas residents
- Have not been convicted of a felony or crime involving a controlled substance
- Show financial need
- Have an EFC less than or equal to 4000
- Register for the Selective Service or are exempt from this requirement
- AND
 - Be a graduate of an accredited high school in Texas not earlier than the 1998-99 school year
 - Complete the Recommended High School Program or Distinguished Achievement Program in high school
 - Enroll in a non-profit public college or university in Texas within 16 months of graduation from a public or accredited private high school in Texas and
 - Have accumulated no more than 30 semester credit hours, excluding those earned for dual or concurrent courses or awarded for credit by examination (AP, IB or CLEP).
- OR
 - Have earned an associate degree from a public technical, state or community college in Texas and
 - Enroll in any public university in Texas no more than 12 months after receiving their associate's degree.

Students entering the program from high school who continue in college and who meet program academic standards can receive awards for up to 150 semester credit hours, until they receive a bachelor's degree, or for five years if enrolled in a 4-year degree plan or six years if enrolled in a 5-year degree plan, whichever comes first.

For more Information:

www.collegefortexans.com

877.782.7322 (toll free)

Free application for Federal Student Aid (FAFSA)

www.fafsa.ed.gov

DUAL CREDIT OPTIONS

1. North Lake Block Program (part-time college)

Juniors and Seniors can participate in a dual-credit North Lake Block program. These courses are pre-selected as part of an agreement made between CISD and North Lake College. Students who choose this option will take the **specific courses listed below**. They may be taken as two morning classes or two afternoon classes.

Junior Block

Hist 1301 replaces High School course U. S. History A

Hist 1302 replaces High School course U. S. History B

Spch 1311 replaces High School course Communication Applications

Econ 2301 replaces High School course Economics

Senior Block

Engl 1301 replaces High School course English IV A

Engl 1302 replaces High School course English IV B

Govt 2301 replaces High School course Government

Govt 2302 receives Special Topics in Social Studies (SS elective)

2. Senior Scholars: An Early College Experience at North Lake (full-time college)

CHS Seniors have the opportunity to engage in a full-time dual credit program at North Lake College. There are three program options available to students who are interested in this opportunity. **If you want to become a Senior Scholar, write “Senior Scholar” in the alternate column on your Registration Worksheet. You may discuss this at your registration meeting.**

Option 1

- At least 12 hours per semester of Dual Credit Enrollment (Students must take 2 North Lake classes per day)
- Plus Senior Leadership Corps
- Plus Extra-Curricular Participation (Students will be enrolled in an extra-curricular course at the high school. Daily attendance will be required.)

Option 2

- At least 12 hours per semester of Dual Credit Enrollment (Students must take 2 classes per day)
- Plus Marketing Dynamics

Option 3

- 15 hours per semester of Dual Credit Enrollment (students must take 3 North Lake classes on MWF and 2 North Lake classes on TTh)
- Plus Senior Leadership Corps

3. College Courses taken individually

Juniors and Seniors can enroll in dual-credit classes individually. Students who choose this option may take **any courses listed in the tables on page 22 as long as they have not had the equivalent course at CHS**. These courses may be taken in the morning, afternoon, or evening. Students must take the Enrollment Form from their CHS counselor to the Dual Credit office, room A 428 at the main North Lake Campus to register for their courses. Students must also return the REGISTRATION SUMMARY form to CHS to be enrolled in the program. Students will be released from one period at CHS for each college course up to two courses. One additional period will be given for travel time. The specific schedule at CHS must be worked out with the counselor at CHS. See the registration timeline on page 6 for deadlines.

CONCURRENT COLLEGE COURSES

- The student must follow the policies for enrollment and registration as outlined by the DCCCD campus or other approved college.
- The student must coordinate the college course time with the CHS class schedule. Any absences from CHS classes due to conflicts with college courses will count against exemptions for final exams. The student must obtain prior approval from his/her counselor to take the course. This is in accordance with the DCCCD admission guidelines.
- The student must follow district guidelines for college release periods.
- Concurrent enrollment courses will not count for credit on the student's high school transcript or GPA.

Student Responsibilities for Dual Credit and Concurrent Enrollment at North Lake

To participate in the Dual Credit program, a high school student must:

- Have completed the sophomore year at CHS in good standing or be 16 years old
- Obtain a one page HIGH SCHOOL STUDENT ENROLLMENT form from their counselor
- Submit application for admission to North Lake at the Dual Credit office on the main NL Campus
- Submit an official transcript
- Take the Accuplacer or provide previous test scores to document Accuplacer exemption.
- Enroll at North Lake and return the "Registration Summary" to the counselor by the stated deadline.
- Follow all of the guidelines for college students as set by the Dallas County Community College District.
- Follow CHS Student Handbook guidelines while attending classes on the NL Campuses.
- Report grades to parents and bring an official transcript in a sealed envelope from North Lake to their CHS counselor to receive credit.
- Inform their CHS counselor if they drop a course during the semester and follow the drop procedure at NL.
- Take responsibility to coordinate lab work and/or testing within the schedule of CHS. He/she will be held accountable for absences due to flexible scheduling at the high school. Any absences from CHS classes due to conflicts in schedules will count against senior exemptions for final exams.
- Attend periodic Dual Credit Meetings at CHS.

Grades for Dual Credit courses, including Dual Credit in summer school, are calculated into GPA.

North Lake College Dual Credit Contact Information

Main campus – Room A428

972-273-3041

Office Hours: Mon, Wed, Thurs, Fri 8:30 – 4:30; Tues: 8:00 – 5:00

dualcreditnlc@dcccd.edu

**CISD Dual Credit Options
Academic Year 2010-2011**

CISD Course	North Lake College Course	CHS Credit	North Lake Credit
English IV A	ENGL 1301: Composition I	.5	3 hours
English IV B	ENGL 1302: Composition II	.5	3 hours
Independent Study in English A	ENGL 2321: British Literature	.5	3 hours
Independent Study in English B	ENGL 2322: British Literature	.5	3 hours
Independent Study in English A	ENGL 2326: American Literature	.5	3 hours
Independent Study in English B	ENGL 2327: American Literature	.5	3 hours
Fine Arts	HUMA 1315: Fine Arts Appreciation	1	3 hours
Fine Arts	ARTS 1301: Art Appreciation	1	3 hours
Fine Arts	ARTS 1304: Survey of Art History 2	1	3 hours
Fine Arts	DRAM 1310: Introduction to Theater	1	3 hours
Fine Arts	DRAM 2366: Film Appreciation 1	1	3 hours
Fine Arts	MUSI 1306: Music Appreciation	1	3 hours
Photojournalism A	PHOT 1316 Photography I	.5	3 hours
Photojournalism B	PHOT 1317 Photography II	.5	3 hours
Art	ARTS 1311: 2-D Design	.5	3 hours
Art	ARTS 1312: 3-D Design	.5	3 hours
Art	ARTS 1316 Drawing I	.5	3 hours
Art	ARTS 2326 Sculpture I	.5	3 hours
Art	ARTS 2346 Pottery I	.5	3 hours
Video Technology	RTVB 1305 Introduction to Television Technology	.5	3 hours
Communication Applications	SPCH 1311: Introduction to Speech	.5	3 hours

	Communication		
Communication Applications	SPCH 1315: Fundamentals of Public Speaking	.5	3 hours
U.S. History A	HIST 1301: History of U.S. to 1877	.5	3 hours
U.S. History B	HIST 1302: History of U.S. from 1877	.5	3 hours
Biology A	BIOL 1406: Biology for Science Majors I w/lab	.5	4 hours
Biology B	BIOL 1407: Biology for Science Majors II w/lab	.5	4 hours
Biology A	BIOL 1408: Biology for non-Science Majors I w/lab	.5	4 hours
Biology B	BIOL 1409: Biology for non-Science Majors II w/lab	.5	4 hours
Chemistry A	CHEM 1405: Introductory Chemistry I w/lab	.5	4 hours
Chemistry B	CHEM 1407: Introductory Chemistry II w/lab	.5	4 hours
Chemistry A	CHEM 1411: General Chemistry I w/lab	.5	4 hours
Chemistry B	CHEM 1412 General Chemistry II w/lab	.5	4 hours
Physics A	PHYS 1401: Introductory General Physics I w/lab	.5	4 hours
Physics B	PHYS 1402: Introductory General Physics II w/lab	.5	4 hours
Geology, Meteorology, and Oceanography A	GEOL 1403: Physical Geology	.5	4 hours
Geology, Meteorology, and Oceanography B	GEOL 1404: Historical Geology	.5	4 hours
Pre-Calculus B	MATH 1414: College Algebra	.5	4 hours
Pre-Calculus A	MATH 1316: Plane Trigonometry	.5	3 hours
Calculus A	MATH 2412: Pre-calculus	.5	4 hours
Calculus B	MATH 2513: Calculus I	.5	5 hours
Statistics	MATH 2342: Introductory Statistics	.5	3 hours
Independent Study in Math A	MATH 1350: Teaching Math in Elementary and Middle School I (Pre-Requisite: Math 1414)	.5	3 hours

Independent Study in Math A	MATH 1425: Business Calculus	.5	4 hours
Government	GOVT 2301: American Government I	.5	3 hours
Special Topics in Social Studies	GOVT 2302: American Government II	.5	3r hours
Economics	ECON 2301: Principles of Macro-Economics	.5	3 hours
Economics Advanced Studies	ECON 2302: Principles of Micro-Economics	.5	3 hours
Special Topics in Social Studies	CUST 2370: Cultural Studies (Pre-Requisite: English 1301)	.5	3 hours
Foundations of Personal Fitness	PHED 1164: Beginning Physical Fitness	.5	1 hour
Golf	PHED 1109: Beginning Golf	.5	1 hour
Golf	PHED 1136: Intermediate Golf	.5	1 hour
Tennis	PHED 1110: Beginning Tennis	.5	1 hour
Tennis	PHED 1137: Intermediate Tennis	.5	1 hour
PE: Aerobic Activity	PHED 1123: Beginning Walking	.5	1 hour
PE: Aerobic Activity	PHED 1144: Intermediate Walking	.5	1 hour
PE: Aerobic Activity	PHED 1121: Beginning Jogging	.5	1 hour
PE: Aerobic Activity	PHED 1143: Intermediate Jogging	.5	1 hour
Clinical Nutrition or Foundations of Personal Fitness	NUTR 1322: Principles of Nutrition	.5	3 hours
Business Computer A/B	COSC 1401: Microcomputer Concepts and Applications w/lab	1	4 hours
Computer Science II	COSC 1415: Intro. To Computer Science & Programming	1	4 hours
Computer Science A/B	COSC 1436: Programming Fundamentals I w/lab	1	4 hours
Career Connection	HDEV 1300: Learning Framework	.5	3 hours
Psychology	PSYC 2301: Introduction to Psychology	.5	3 hours

Sociology	SOCI 1301: Introduction to Sociology	.5	3 hours
Philosophy	PHIL 1301: Introduction to Philosophy	.5	3 hours
Philosophy	PHIL 2306: Ethics	.5	3 hours
Ballet I	DANC 1341: Ballet 1	.5	3 hours
Ballet II	DANC 1342: Ballet 2	.5	3 hours
American Sign Language	SGNL 1301: Beginning American Sign Language I	1	3 hours
American Sign Language	SGNL 1302: Beginning Sign Language II	1	3 hours
Chinese	CHIN 1411: Beginning Chinese I	1	4 hours
Chinese	CHIN 1412: Beginning Chinese II	1	4 hours
Chinese	CHIN 2311: Intermediate Chinese I	1	3 hours
German	GERM 1411: Beginning German I	1	4 hours
German	GERM 1412: Beginning German II	1	4 hours
Japanese	JAPN 1411: Beginning Japanese I	1	4 hours
Japanese	JAPN 1412: Beginning Japanese II	1	4 hours
Japanese	JAPN 2311: Intermediate Japanese I	1	3 hours
French	FREN 1411: Beginning French	1	4 hours
French	FREN 1412: Beginning French	1	4 hours
Spanish	SPAN 1411: Beginning Spanish	1	4 hours
Spanish	SPAN 1412: Beginning Spanish	1	4 hours
Spanish	SPAN 2311: Intermediate Spanish	1	3 hours
Spanish	SPAN 2312: Intermediate Spanish	1	3 hours
Foreign Language	Any Foreign Language through DCCCD (check with high school counselor)	1	
Accounting I	ACCT 2301: Principles of Accounting I	1	3 hours
Accounting II	ACCT 2302: Principles of Accounting II	1	3 hours
Keyboarding	POFT 1329: Keyboarding & Document	.5	3 hours

	Formatting		
Webmastering	IMED 1416: Web Design I	.5	4 hours
BCIS	BCIS 1405: Business Computer Applications	1	4 hours
BCIS	COSC 1401: Microcomputer Concepts and Applications	1	4 hours
BCIS II	BCIS 2390:	1	4 hours
Business Ownership	BUSI 1301: Introduction To Business	.5	3 hours
CISCO 1	ITCC 1402: Local Area Network Design & Protocols	.5	4 hours
CISCO 2	ITCC 1406: Basic Router Configuration	.5	4 hours
CISCO 3	ITCC 1442: Local Area Management	.5	4 hours
CISCO 4	ITCC 1446: Wide Area Management	.5	4 hours
CISCO 5	ITCC 2432: Advanced Routing Configuration	.5	4 hours
CISCO 6	ITCC 2436: Building Remote Access Network	.5	4 hours
CISCO 7	ITCC 2440: Configuring LAN Switches	.5	4 hours
CISCO 8	ITCC 2444: Internetworking Troubleshooting	.5	4 hours
Hospitality Services	HAMG 1321: Introduction to Hospitality	2	3 hours
Hotel Management	HAMG 1313: Front Office Procedures	2	3 hours
Restaurant Management	HAMG 2301: Principles of Food and Beverage Operations	1	3 hours
Travel and Tourism Management	IRVM 1300: Introduction to Travel and Tourism	1	3 hours
Practicum in Hospitality and Tourism	HAMG 1381: Cooperative Education-Hospitality (20 hrs/wk pd. Internship)	3	3 hours
Business Information Management I	HAMG 1319: Computers in Hospitality	1	3 hours
Business Information Management I	BCIS 1405: Business Computer Application w/lab	1	4 hours
Principles of Business, Marketing and Finance	BUSI 1301: Introduction to Business	1	3 hours
Advertising and Sales	MRKG 1311: Principles of Marketing	1	3 hours

Promotion			
Business Law	BUSI 2301: Business Law	1	3 hours
Digital And Interactive Media	IMED 1416: Webpage Design I	1	3 hours
Web Technologies	ITSC 1413: Internet/Webpage Development	1	4 hours
Principles of Transportation, Distribution and Logistics	LMGT 1319: Introduction to Business Logistics	1	3 hours
Principles of Business, Marketing and Finance	BUSI 1301: Introduction to Business	1	3 hours
TBD	LMGT 1321: Introduction to Materials Handling	1	3 hours
Transportation Systems Management	Domestic & International Transportation Management	2	3 hours

COURSES OFFERED OUTSIDE THE TRADITIONAL 7 CLASS PERIOD DAY

As of 12/14/09*

Course Number	Course Name	Zero Hour	Evening	See page # for course description
7291	Database Design & Programming	√		p. 81
6311	Art I	√		p. 47
1300	English III	√		p. 30
7104	Web Technologies		√	p. 72 & p. 81
4376	American Studies		√	p. 45
4400	Government		√	p. 44
3511	Advanced Biotechnology		√	p. 42
3510	Engineering Design & Problem Solving		√	p. 42
3321	Pre-AP Chemistry		√	p. 40
7023	Foundations of Personal Finance		√	p. 76
1400	English IV		√	p. 30
3512	Astronomy		√	p. 41
3504	Earth & Space Science		√	p. 41
3605	Scientific Research & Design - Nutrition		√	p. 41
3806	Advanced Animal Science		√	p. 42
3807	Forensic Science		√	p. 42

*Please check the CHS website for the most current information

ENGLISH

(INCLUDING SPEECH, DEBATE AND ESOL/ESL)

ENGLISH I

1100Y (1100 A & B)

Grade: 9 **Level: 2** **Credit: 1**

Prerequisite: None

This course continues developing reading, writing, and oral language skills. An emphasis is placed on reading a wide variety of literary and informational texts while extending compositional skills to include various modes of writing. Language studies focuses on the analysis of diction and syntax within student-created and published texts.

FUNDAMENTAL ENGLISH I

1100Y (1100 A & B)

Grade: 9 **Level: 1** **Credit: 1**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education English I curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

BASIC ENGLISH I

1801Y (1801 A & B)

Grade: 9 **Level: 1** **Credit: 1**

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on TEKS-based writing, spelling, reading comprehension, types of literature and basic communication skills.

PRE-AP ENGLISH I

1111Y (1111 A & B)

Grade: 9 **Level: 3** **Credit: 1**

Prerequisite: None

Successful completion of a previous Pre-AP English course is recommended. Students will study the basic structure of the short story, the novel, Shakespearean drama, and poetry. Emphasis is placed on developing interpretive analysis through the readings. A very strong composition program begins in the freshman year, and students write narrative, descriptive, and expository compositions of varying lengths. Students also study the revision process, grammar, mechanics, word processing, and the beginnings of the research process. This course prepares students for entry into the AP course in the junior and senior years.

GT/PRE-AP ENGLISH I

1511Y (1511 A & B)

Grade: 9 **Level: 3** **Credit: 1**

Prerequisite: GT Identification

Students in English I GT/Pre-AP generate compositions for a variety of purposes and in a variety of modes as well as read and analyze selected works from all genres of literature. Based on a curriculum that integrates both writing and reading concepts and skills, this course empowers students to use the recursive writing process as they write to learn about themselves, the world, and their environment. Students in this class will read extensively, write responsively, listen critically, speak articulately, work cooperatively, and think independently.

ENGLISH II

1200Y (1200 A & B)

Grade: 10 **Level: 2** **Credit: 1**

Prerequisite: None

The coordination of literature, composition, language and reading is stressed. Composition skills extend on those from English I. Language studies includes advanced vocabulary, the study of the grammatical structure of sentences, and correct usage.

FUNDAMENTAL ENGLISH II

1200Y (1200 A & B)

Grade: 9-12 **Level: 1** **Credit: 1**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education English II curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

BASIC ENGLISH II

1802Y (1802 A & B)

Grade: 10 **Level: 1** **Credit: 1**

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on TEKS based writing, spelling, reading comprehension, types of literature and basic communication skills.

PRE-AP ENGLISH II

1211Y (1211 A & B)

Grade: 10 **Level: 3** **Credit: 1**

Prerequisite: None

Successful completion of a previous Pre-AP English course is recommended. This course challenges students to develop advanced skills in reading, composition, oral communication, and logical argument. The grammatical, mechanical, and syntactical skills of language are taught within the meaningful context of the writing process. Students will read and respond to a broad selection of literature. This course prepares students to take AP English courses.

GT/PRE-AP ENGLISH II

1521Y (1521 A & B)

Grade: 10 **Level: 3** **Credit: 1**

Prerequisite: GT Identification

Emphasis is placed on critical reading and writing over world literature; students will read and analyze selected works from all genres. Students will write for a variety of purposes and in a variety of modes; however, emphasis is placed on academic composition: literary style analysis of both fiction and non-fiction, and argumentation combined with some creative endeavors. Students will study grammar with an emphasis on sentence structure and its role in improved writing skills. This program emphasizes a wider range and greater depth of subject matter than other courses and places an emphasis on literary criticism and analytical writing.

ENGLISH III

1300Y (1300 A & B)

Grade: 11 Level: 2 Credit: 1

Prerequisite: None

This course explores major authors and periods in American literature through the close reading and study of both fiction and non-fiction texts. The grammatical, mechanical, and syntactical skills of language are integrated into written and oral discourse with a focus on argumentation, literary analysis, and research based compositions.

This class will also be offered as a Zero Hour class.

FUNDAMENTAL ENGLISH III

1300Y (1300 A & B)

Grade: 9-12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

The subject content will parallel the general education English III curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

BASIC ENGLISH III

1803Y (1803 A & B)

Grade: 11 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on TEKS based writing, spelling, reading comprehension, types of literature and basic communication skills.

AP ENGLISH III

1311Y (1311 A & B)

Grade: 11 Level: 4 Credit: 1

Prerequisite: None

Successful completion of a previous Pre-AP English course is recommended. AP English Language and Composition is a college level course constructed in accordance with the guidelines described in the AP English Course Description published by the College Board. Students read and carefully analyze a broad and challenging range of nonfiction prose selections, deepening their awareness of rhetoric and how language works. Through close reading and frequent writing, students develop their ability to work with language and text with a greater awareness of purpose and strategy, while strengthening their own composing abilities. Course readings feature expository, analytical, personal, and argumentative texts from a variety of authors and historical contexts. Because today's students live in a highly visual world, they also study the rhetoric of visual media such as photographs, films, advertisements, and comic strips. By aligning with the College Board's AP English Course Description, this course teaches "students to read primary and secondary sources carefully, to synthesize material from those texts in their own compositions, and to cite sources using conventions recommended by professional organizations such as the Modern Language Association (MLA)." Summer reading is required.

GT/AP ENGLISH III

1531Y (1531 A & B)

Grade: 11 Level: 4 Credit: 1

Prerequisite: GT Identification

Course objectives are the same as AP English III; however, students will be allowed greater autonomy in their choice of product, process, and content. Current practices in gifted education is incorporated in the class in order to encourage GT students to maximize their learning experience.

ENGLISH IV

1400Y (1400 A & B)

Grade: 12 Level: 2 Credit: 1

Prerequisite: None

Major works will be studied to explore the development of the English language and the historical context, major themes and authors representative of British and world literature. The literary research paper will be a major focus the second semester. Written composition instruction for both argumentative and literary essays will be stressed.

ENGLISH IV

1400Y (1400 A & B)

Grade: 12 Level: 2 Credit: 1

Prerequisite: None

The English IV evening course mirrors the content of the English IV courses taught during the regular school day; however, the evening class meets physically for three hours one evening each week and via a discussion board and/or study groups at other times during the week. Students explore the development of the English language and the historical context, major themes and authors representative of British and world literature. They work collaboratively using 21st century skills to relate real-world experiences to the concepts and issues commonly thread throughout literature. Written composition instruction for both argumentative and literary essays will be stressed, and a research paper will be a major component of the writing requirements. **This class will only be offered as an evening course.**

FUNDAMENTAL ENGLISH IV

1400Y (1400 A & B)

Grade: 12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

The subject content will parallel the general education English IV curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

BASIC ENGLISH IV

1804 Y (1804 A & B)

Grade: 12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review, and Dismissal (ARD) committee. The focus is on TEKS-based writing, spelling, reading comprehension, types of literature and basic communication skills.

AP ENGLISH IV

1411Y (1411 A & B)

Grade: 12 **Level: 4** **Credit: 1**

Prerequisite: None

Successful completion of a previous Pre-AP/AP English course is recommended.

Advanced Placement Senior English focuses on developing the types of interpretative skills and writing competencies which prepare students for the AP English literature examination and for advanced work at the college level. The first semester students receive intensive training in analyzing literature for structure, in analyzing the flow of details in an author's writing style, and in developing the ability to question a literary text. Reading assignments stress the thematic relationship between different genres. Selections are drawn from a wide range of historical periods. The second semester curriculum focuses on the application of the first semester skills to literary works of much greater depth and complexity. Each semester students write several documented papers as well as other compositions. Students enrolled in the course are encouraged to take the Advanced Placement Literature exam in May.

GT/AP ENGLISH IV

1541Y (1541 A & B)

Grade: 12 **Level: 4** **Credit: 1**

Prerequisite: GT Identification

Course objectives are the same as AP English IV; however, students will be allowed greater autonomy in their choice of product, process, and content. Current practices in gifted education is incorporated in the class in order to encourage GT students to maximize their learning experience.

INDEPENDENT STUDY IN ENGLISH (MENTORSHIP PROGRAM / COMMUNITY PARTNERSHIP)

1545Y (1545 A & B)

Grade: 11-12 **Level: 3** **Credit: 1**

Prerequisite: Teacher approval

This course allows students to explore possible career choices while working with a mentor in the field. Students will interview, research, observe areas of interest, and select a mentor from the chosen field. They will receive "hands on" experience, so students are able to decide if the field of interest they have chosen is something they want to pursue in college. At the end of the year, students may produce a multi-modal product in order to receive DAP credit. Students in this program should be self-disciplined, focused, and know how to manage time.

READING I

1071Y (1071 A & B)

Grade: 9-12 **Level: 2** **Credit: .5 - 1**

READING II

1081Y (1081 A & B)

Grade: 9-12 **Level: 2** **Credit: .5 - 1**

This course utilizes the READ 180 instructional program designed for students who experience difficulty in reading. The class focuses on equipping students with the skills and strategies necessary to independently comprehend a wide range of texts. Students divide their time between independent reading, teacher-directed small group sessions, and individualized computer interaction.

FUNDAMENTAL READING I

1071Y (1071 A & B)

Grade: 9 **Level: 1** **Credit: .5 – 1**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Reading I curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

FUNDAMENTAL READING II

1081Y (1081 A & B)

Grade: 10-12 **Level: 1** **Credit: .5 – 1**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Reading II curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

ADVANCED READING

1091Y (1091 A & B)

Grade: 11-12 **Level: 2** **Credit: .5-1**

Prerequisite: None

This class, specifically for college-bound juniors and seniors with average-to-above-average reading skills, is designed to give students time to read with the understanding that nothing improves without practice. Students are expected to read 1000 pages per six weeks from books of their choosing (with instructor's approval). In addition, students develop their own personal vocabulary studies based on their reading selections. Literary criticism/critical theory along with college preparedness are other areas that will be explored during the course.

CREATIVE WRITING I

1065

Grade: 10-12 **Level: 2** **Credit: .5**

Prerequisite: None

This course provides an in-depth study of the elements of fictional prose, poetry and drama with an emphasis on style, point of view, figurative language, rhyme and meter, characterization, dialogue and plot development. The student will turn in a portfolio of his/her work at the end of the semester.

CREATIVE WRITING II

1066

Grade: 11-12 **Level: 2** **Credit: .5**

Prerequisite: Creative Writing I

This course provides a semi-independent study program consisting of screen writing, individual class presentations, writing for publication and contests, and the publication of the campus literary and art magazine, the C.L.A.M. All work must be typed.

INDEPENDENT STUDY IN ENGLISH (LIBRARY ASSISTANT)

1900Y (1900 A & B)

Grade: 9-12 **Level: 2** **Credit: .5 - 1**

Prerequisite: Librarian approval

This course is designed to teach students the resources of the library media center (LMC). Students must be extremely accurate and able to learn and execute library procedures. Computer competency and public service experience helpful. Class will focus on research skills and daily duties of the Library Media Center.

APPLIED LANGUAGE ARTS

8900Y (8900 A & B)

Grades: 9-12 Level: 1 Credit: 1 Local

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on functional (academic) reading, writing and basic communication skills.

MTA I (MULTI-SENSORY TEACHING APPROACH)

8597 (8597 A&B)

Grade: 9-12 Level: 2 Credit: 1

MTA II (MULTI-SENSORY TEACHING APPROACH)

8598 (8598 A&B)

Grade: 9-12 Level: 2 Credit: 1

Prerequisite: Teacher Recommendation, Committee recommendation (RTI, 504 or ARD)

This course is designed to follow the CISD approved curriculum for students with dyslexia – MTA. (Multi-sensory Teaching Approach) Instruction is strategy oriented and addresses graphophonemic knowledge, reading proficiency, fluency, comprehension, and spelling. MTA includes Language Structure instruction that encompasses morphology, semantics, syntax, and pragmatics.

SPEECH, DEBATE AND ORAL INTERPRETATION

COMMUNICATION APPLICATIONS

1600

Grade: 10-12 Level: 2 Credit: .5

This course provides instruction in presentation of the self in professional and social settings. Students learn the basics of effective communication, interpersonal communication, and social etiquette. The emphasis is on group communication and presentations. **This graduation requirement is also embedded in other courses as indicated on p. 69.**

FUNDAMENTAL COMMUNICATION APPLICATIONS

1600

Grade: 10-12 Level: 1 Credit: .5

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Communication Applications curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

APPLIED COMMUNICATIONS APPLICATIONS

8933

Grade: 9-12 Level: 1 Credit: .5 Local

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on functional communication skills needed for independence.

DEBATE I (Novice)

1630Y (1630 A & B)

Grade: 9-12 Level: 2 Credit: .5-1

Prerequisite: None

This class is for first year debaters. Students will be introduced to the three kinds of debate, Student Congress, Original Oratory, and Extemporaneous Speaking. Students will learn research skills, logic, argumentation, persuasion, different speaking styles, and case writing as well as being exposed to beginning philosophy and government. Participation in at least one local tournament is expected.

COMPETITIVE DEBATE: POLICY

DEBATE II

1632Y (1632 A & B)

Grade: 10-12 Level: 2 Credit: .5-1

DEBATE III

1633Y (1633 A & B)

Grade: 10-12 Level: 2 Credit: .5-1

DEBATE IV

1634Y (1634 A & B)

Grade: 10-12 Level: 4 Credit: .5-1

Prerequisite: Teacher recommendation

These courses provide students instruction in individual and team debate through competition opportunities. Students will develop logic, argumentation, and advanced persuasion skills. Students research modern and classical philosophy as well as current U.S. government policies and then write debate cases. Participation in competition is strongly encouraged.

COMPETITIVE DEBATE: PUBLIC FORUM & PERSUASIVE SPEAKING

DEBATE II

1636Y (1636 A & B)

Grade: 9-12 Level: 2 Credit: .5-1

DEBATE III

1637Y (1637 A & B)

Grade: 9-12 Level: 2 Credit: .5-1

DEBATE IV

1638Y (1638 A & B)

Grade: 9-12 Level: 4 Credit: .5-1

Prerequisite: Teacher recommendation

These courses provide competition opportunities for students who are interested in Public Speaking and in a slower, more persuasive form of debate. Debate types include: Public Forum, Lincoln Douglas, Extemporaneous Speaking, Student Congress, and Original Oratory. Research methods, critical thinking skills, and persuasive speaking are emphasized. Competition is strongly encouraged.

ORAL INTERPRETATION I

1601Y (1601 A & B)

ORAL INTERPRETATION II

1602Y (1602 A & B)

ORAL INTERPRETATION III

1603Y (1603 A & B)

Grade: 9-12 Level: 2 Credit: .5-1

Prerequisite: None

Students study oral reading and performance of literary texts, including poetry, plays, novels, and short stories. Skills addressed are selection, adaptation, interpretation and performance of material. The class focuses on competitive speech events: prose and poetry interpretation, humorous and dramatic monologue, duet acting, and persuasive speaking. Participation in competition is strongly encouraged.

ESOL COURSE PLACEMENT BY ORAL PROFICIENCY

ESOL BEGINNING A (FOR NEWCOMERS)

8701Y (8701 A & B)

Grade: 9-12 **Level: 2** **Credit: .5-1**

Prerequisite: Must be in the ESL Program

This course introduces grammar and writing to non-speakers. It begins with basic vocabulary development, formation of letters, pronunciation of words, and cultural norms. Simple present, past and future verb tenses, pronouns, and basic adjectives are introduced. Simple sentence structure and thematic vocabulary are emphasized, as well as grammatical structures and writing skills. **This course is for students who are non-speakers and in their first year of school in the United States.**

ESOL BEGINNING B

8702Y (8702 A & B)

Grade: 9-12 **Level: 2** **Credit: .5-1**

Prerequisite: Must be in the ESL Program

This course is grammar and writing based. This course proceeds from sentence construction through the more complex construction of paragraphs. It also includes instruction in mechanics, sentence structure, English usage, phonetics, and culture. Oral fluency and vocabulary development are integral parts of this course.

ESOL INTERMEDIATE

8703Y (8703 A & B)

Grade: 9-12 **Level: 2** **Credit: .5-1**

Prerequisite: Must be in the ESL Program

This course is grammar and writing based. This course proceeds from sentence construction through the more complex construction of paragraphs and essays. It also includes instruction in mechanics, sentence structure, English usage, composition skills, and culture. Oral fluency and vocabulary development are integral parts of this course.

ESOL ADVANCED

8704Y (8704 A & B)

Grade: 9-12 **Level: 2** **Credit: .5-1**

Prerequisite: Must be in the ESL Program

This course is grammar and writing based. This course progresses from complex sentence and paragraph construction to advanced compositions. Students also review instruction in mechanics, sentence structure, and English usage. Oral fluency and vocabulary development are integral parts of this course.

ESOL COURSE PLACEMENT BY GRADE LEVEL

ESOL ENGLISH I

1110Y (1110 A & B)

Grade: 9 **Level: 2** **Credit: 1**

Prerequisite: Must be in the ESL Program

This course is literature based, focusing on comprehension and analysis of a variety of texts. Skills in comprehension, inference, interpretation, main idea, sequence, context clues, and analysis are emphasized. This course assists with reading comprehension and oral fluency through the use of modeling. Curriculum is aligned with English I, reflecting difference in pacing and materials. **This course is for students who are non-speakers and in their first year of school in the United States.**

ESOL ENGLISH II

1210Y (1210 A & B)

Grade: 10 **Level: 2** **Credit: 1**

Prerequisite: Must be in the ESL Program

This course is literature based, focusing on comprehension and analysis of a variety of texts. Skills in comprehension, inference, interpretation, main idea, sequence, context clues, and analysis are emphasized. This course assists with reading comprehension and oral fluency through the use of modeling. Curriculum is aligned with English II. **This course is for students who are non-speakers and in their first year of school in the United States.**

NOTE: ESL students in their 2+ years of school in the United States will enroll in regular English I, English II, and English III. They will be placed in a sheltered class by ESL department placement.

MATHEMATICS

Calculators are deemed handheld technology and will be available for student use in the appropriate courses. Since students will need to use these calculators on college entrance examinations, students are encouraged to purchase their own graphing calculator during high school. This will enable students to utilize these calculators for homework, projects, and to become familiar with their own calculator. The TI-83 Plus and TI-84 calculators are the models used at CHS. There are other brands available, but parents should make sure that the other brand offers the same features and abilities as the TI-83 Plus/TI-84 since these are the models that will be used to teach students. These calculators are available at many retail stores in the area.

ALGEBRA I

2100Y (2100 A & B)

Grade: 9 **Level: 2** **Credit: 1**

Prerequisite: None

This course introduces variables, constants, expressions, and equations and provides the connection between symbolic language and real world applications. Students will analyze situations verbally, numerically, graphically, and symbolically. Major topics include: the real number system, algebraic properties, functions and graphs, linear equations and inequalities (including systems), polynomials and factoring and an introduction to quadratic equations.

Students will also use a variety of representations, tools, and technology to model mathematical situations and solve meaningful problems.

What's next? Geometry

ALGEBRA I (SHELTERED for ESOL)

2110Y (2110 A & B)

Grade: 9-12 **Level: 2** **Credit: 1**

Prerequisite: Must be in the ESL program

The subject content will parallel the general education Algebra I curriculum, but uses second language acquisition methodology. **This course is for students who are non-speakers and in their first year of school in the United States.**

FUNDAMENTAL ALGEBRA I

2100Y (2100 A & B)

Grade: 9-12 **Level: 1** **Credit: 1**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Algebra I curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

PRE-AP ALGEBRA I

2111Y (2111 A & B)

Grade: 9 **Level: 3** **Credit: 1**

Prerequisite: None

In addition to the strands and topics as defined in Algebra I, this Pre-AP course is designed to prepare students for entry into AP mathematics courses. The content will be instructed with additional emphasis placed on multiple solution strategies and the development of critical-thinking skills.

What's next? Geometry Pre-AP

GEOMETRY

2200Y (2200 A & B)

Grade: 9-10 **Level: 2** **Credit: 1**

Prerequisite: Algebra I

Geometry consists of the study of geometric figures and the relationships among them. Students use spatial reasoning and geometric thinking to understand mathematical concepts, study properties and relationships having to do with size, shape, location, direction, and orientation of these figures, study the connection between geometry and the real world and use geometric ideas, relationships, and properties to solve problems. Students also solve meaningful problems by representing figures, transforming figures, and analyzing and proving relationships, and use a variety of representations, tools, and technology.

What's next? Math Models or Algebra II

FUNDAMENTAL GEOMETRY

2200Y (2200 A & B)

Grade: 9-12 **Level: 1** **Credit: 1**

Prerequisite: Algebra I, ARD committee recommendation

The subject content will parallel the general education Geometry curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

PRE-AP GEOMETRY

2221Y (2221 A & B)

Grade: 9-10 **Level: 3** **Credit: 1**

Prerequisite: Algebra I

Successful completion of Pre-AP Algebra I is recommended. In addition to the strands and topics as defined in Geometry, this Pre-AP course is designed to prepare students for entry into AP mathematics courses. The content will be instructed with additional emphasis on the development of critical-thinking skills and deriving geometric proof.

What's next? Algebra II or Pre-AP Algebra II

GT PRE-AP GEOMETRY

2231Y (2231 A & B)

Grade: 9-10 **Level: 3** **Credit: 1**

Prerequisite: Algebra I and GT Identification

Successful completion of Pre-AP Algebra I is recommended. In addition to the strands and topics as defined in Pre-AP Geometry, this course is instructed at an accelerated pace and address the varied learning styles and unique needs of the gifted and talented mathematics students.

What's next? GT Pre-AP Algebra II

ALGEBRA II

2300Y (2300 A & B)

Grade: 9-12 **Level: 2** **Credit: 1**

Prerequisite: Algebra I, Geometry

This course expands on the topics covered in Algebra I and Geometry, providing further development of the concept of a function. Major topics include the complex number system, linear functions, systems of equations and inequalities, conic sections. Students will use a variety of representations, tools, and technology to model mathematical situations and solve meaningful problems involving linear, quadratic, polynomial, exponential, logarithmic, and radical functions.

What's next? Foundations for College Mathematics, Precalculus or AP Statistics

PRE-AP ALGEBRA II

2331Y (2331 A & B)

Grade: 9-11 **Level: 3** **Credit: 1**

Prerequisite: Algebra I, Geometry

Successful completion of Pre-AP Geometry is recommended. This Pre-AP course is designed to prepare students for entry into AP mathematics courses. The content extends beyond the regular Algebra II curriculum to include natural log functions, sequences and series, and an introduction to trigonometry. Additional emphasis is placed on multiple solution strategies and the development of critical-thinking skills.

What's next? Pre-AP Precalculus or AP Statistics

GT PRE-AP ALGEBRA II

2341Y (2341 A & B)

Grade: 9-11 **Level: 3** **Credit: 1**

Prerequisite: Algebra I, Geometry, GT Identification

Successful completion of Pre-AP Geometry is recommended. In addition to the strands and topics as defined in Pre AP Algebra II, this course, is instructed at an accelerated pace and address the varied learning styles and unique needs of the gifted and talented mathematics students.

What's next? Pre-AP Precalculus or AP Statistics

MATHEMATICAL MODELS WITH APPLICATIONS

2251Y (2251 A & B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Algebra I, Geometry

NOTE: THIS COURSE CAN NOT BE TAKEN AFTER ALGEBRA II. This course CAN NOT BE COUNTED AS ONE OF THE FOUR MATH COURSES REQUIRED FOR DAP.

In this course students use mathematical models from algebra, geometry, probability and statistics in both mathematical and nonmathematical to solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Students will use a variety of representations, tools, and technology to link modeling techniques and purely mathematical concepts.

What's next? Algebra II

FUNDAMENTAL MATHEMATICAL MODELS WITH APPLICATIONS

2251Y (2251 A & B)

Grade: 10-12 **Level: 1** **Credit: 1**

Prerequisite: Algebra I, Geometry, ARD committee recommendation

NOTE: THIS COURSE CAN NOT BE TAKEN AFTER ALGEBRA II. The subject content will parallel the general education Mathematical Models with Applications curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

FOUNDATIONS FOR COLLEGE MATHEMATICS

2321Y (2321 A & B)

Grade: 11-12 **Level: 2** **Credit: 1**

Prerequisite: Algebra I, Geometry, Algebra II

NOTE: THIS COURSE CAN NOT BE TAKEN AFTER PRECALCULUS This math course provides a bridge to college mathematics. Graphing calculator technology is integrated throughout to enhance the learning and teaching of mathematical concepts and skills, and for performing algorithms. There is reduced emphasis on the use of symbol manipulation and increased emphasis on the use of function as a central theme. For high school students desiring to go directly to work after graduation, there are many real-world connections that will be extremely useful. For college students, this course offers the flexibility of providing solid mathematics for future math and science courses.

What's next? Precalculus or AP Statistics

PRECALCULUS: TRIGONOMETRY

2401

Grade: 9-12 **Level: 2** **Credit: .5**

Prerequisite: Algebra I, Geometry, Algebra II

This course involves the study of the six trigonometric functions and their inverses. Students will use a variety of representations (graphical, symbolic, verbal, and numerical) to model functions and equations and to solve real-life problems.

What's next? Precalculus: Elem. Analysis

PRECALCULUS: ELEM. ANALYSIS

2402

Grade: 9-12 **Level: 2** **Credit: .5**

Prerequisite: Algebra I, Geometry, Algebra II

This course involves the study of functions, graphs, analytic geometry, and discrete mathematics. Heavy emphasis is placed on the study of polynomial, rational, and logarithmic functions. Additional units of study include conics and sequences and series. The course will conclude with an introduction to beginning calculus concepts such as limits and derivatives.

What's next? AP Calculus AB or AP Calculus BC or AP Statistics

PRE-AP PRECALCULUS: Preparation for Calculus

2441Y (2441 A & B)

Grade: 9-12 **Level: 3** **Credit: 1**

Prerequisite: Algebra I, Geometry, Algebra II

This course begins with an intensive study of the six trigonometric functions and their inverses. Included will be a study of trigonometric identities and equations, vectors, parametric equations, and polar coordinates. This course continues with an intensive study of the nature of graphs. Polynomial, rational, exponential, and logarithmic functions will be included in the study. Heavy emphasis will be placed on sequences and series. The course will also include an introduction to beginning calculus concepts with a study of limits and derivatives. Topics are covered more rigorously than in a regular Pre-Calculus course. Students will be expected to complete recommended summer review course work and register for AP Calculus in the fall.

What's next? AP Calculus AB or AP Calculus BC or AP Statistics

AP STATISTICS

2450Y (2450 A & B)

Grade: 9-12 Level: 4 Credit: 1

Prerequisite: Algebra I, Geometry, Algebra II

Statistics should not be used as a replacement for Precalculus but as an additional course. This course prepares students for the AP Statistics exam. The content, introducing students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data, will be built around the following themes: exploring data by observing patterns, planning a study by deciding what and how to measure, anticipating patterns in advance, producing models that use probability and statistics, and confirmation of models through statistical inference. Reading requirements include text written on the college level as well as critical review of professional journal articles.

AP CALCULUS AB

2500Y (2500 A & B)

Grade: 9-12 Level: 4 Credit: 1

Prerequisite: Algebra I, Geometry, Algebra II, Precalculus

Calculus is designed for the college-bound student who has completed the appropriate prerequisites and plans to enter a college program requiring a strong mathematics background. The course prepares students for the AP Calculus AB exam. Some of the topics covered include rate of change, limits, derivatives, and applications of derivatives, definite integrals, indefinite integrals, techniques of integration, and applications of the definite and indefinite integral. Reading requirements include text written on the college level. TI 89 calculator is recommended.

AP CALCULUS BC

2501 A & B

Grade: 9-12 Level: 4 Credit: 1

Prerequisite: Algebra I, Geometry, Algebra II, Precalculus

The course prepares students for the AP Calculus BC exam. This course includes all the topics covered in Calculus AB along with such topics as arc length and surfaces of revolution, work, trigonometric integrals, sequences and series, Taylor and Maclaurin polynomials and series, derivatives of parametric equations, differentiation and integration of vector-valued functions, partial derivatives and additional integration techniques. Reading requirements include text written on the college level. TI 89 calculator is recommended.

BASIC MATH I

2800Y (2800 A & B)

Grade: 9-12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

Course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on TEKS based computational skills, using a calculator, using order of operations, understanding number concepts and applying mathematical concepts in real life situations.

BASIC MATH II

2801Y (2801 A & B)

Grade: 10-12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

Course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on TEKS based computational skills, using a calculator, using order of operations, understanding number concepts and applying mathematical concepts in real life situations.

BASIC MATH III

2802Y (2802 A & B)

Grade: 11-12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

Course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on TEKS based computational skills, using a calculator, using order of operations, understanding number concepts and applying mathematical concepts in real life situations.

BASIC MATH IV

2803Y (2803 A & B)

Grade: 12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

Course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on TEKS based computational skills, using a calculator, using order of operations, understanding number concepts and applying mathematical concepts in real life situations.

APPLIED MATH

8911Y (8911 A & B)

Grades: 9-12 Level: 1 Credit: 1 Local

Prerequisite: ARD committee recommendation

Course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on number concepts, simple computation, identifying and using money and telling time skills.

SCIENCE

BIOLOGY

3100Y (3100 A & B)

Grade: 9-12 **Level: 2** **Credit: 1**

Prerequisite: None

The biology course provides investigation of the structure and functions of cells, including cellular growth, reproduction, genetics and simple, multi-cellular and complex life forms. In addition, it involves the study of the six kingdoms.

What's Next? Conceptual Physics, IPC, or Chemistry

BIOLOGY (SHELTERED FOR ESOL)

3110Y (3110 A & B)

Grade: 9-12 **Level: 2** **Credit: 1**

Prerequisite: Must be in the ESL program

This course is sheltered for students who score as NES (non-English speakers) and who have been in U.S. schools for less than one year. Biology I provides investigation of the structure and functions of cells, including cellular growth, reproduction, genetics and simple, multi-cellular and complex life forms. In addition, it involves the study of the six kingdoms.

FUNDAMENTAL BIOLOGY

3100Y (3100 A & B)

Grade: 9-12 **Level: 1** **Credit: 1**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education biology curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

APPLIED BIOLOGY

8922Y (8922 A & B)

Grade: 9-12 **Level: 1** **Credit: 1 Local**

Prerequisite: ARD committee recommendation

The course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on basic biology concepts including cell functions, genetics, and classification of life forms including body systems.

PRE-AP BIOLOGY

3111Y (3111 A & B)

Grade: 9-12 **Level: 3** **Credit: 1**

Prerequisite: None

Pre-AP Biology is a college prep course that develops advanced lab skills, problem solving and critical thinking. The course is rigorous in pacing, depth, and expectations. The course of study includes biochemistry, cellular processes, genetics, ecology, and a survey of taxonomic groups. (Prior completion of Algebra I recommended.)

What's Next? Conceptual Physics, IPC or Chemistry

GT PRE-AP BIOLOGY

3115Y (3115 A & B)

Grade: 9-12 **Level: 3** **Credit: 1**

Prerequisite: GT Identification

GT Pre-AP Biology is a college prep course in biology which includes appropriate differentiation for gifted students. Students will develop advanced lab skills, problem solving, and critical thinking. The course is rigorous in pacing, depth, and expectations. The course of study includes biochemistry, cellular processes, genetics, ecology, and a survey of taxonomic groups. (Prior completion of Algebra I recommended.)

What's Next? Conceptual Physics, Pre-AP Chemistry, or GT AP Biology/GT Pre-AP Chemistry Block

AP BIOLOGY

3121Y (3121 A & B)

Grade: 10-12 **Level: 4** **Credit: 1**

Prerequisite: Pre-AP Biology, Pre-AP Chemistry, or Pre-AP Physics

AP Biology is a rigorous college-level course that explores previously introduced concepts at a greater depth. Advanced labs with data analysis and critical thinking are integral parts of the course. Some required labs will be conducted outside of the normal school day.

GT COMBINED AP BIOLOGY & PRE-AP CHEMISTRY

3600Y (3600A & B)

Grade: 10-12 **Level: 4** **Credit: 2**

Prerequisite: Pre-AP Biology or Pre-AP GT Biology, and GT Identification

THIS IS A TWO-PERIOD BLOCKED COURSE INTEGRATING CONCEPTS IN AP BIOLOGY with those in Pre-AP Chemistry. Some time-sharing will occur so that more lab time will be available for each course, as needed. AP Biology is a college-level course that explores biological concepts at great depth. Pre-AP Chemistry is a course designed to provide students an enriched and expanded chemistry curriculum in preparation for future enrollment in AP chemistry. Each of the courses includes advanced labs requiring independent data analysis and critical thinking.

INTEGRATED PHYSICS AND CHEMISTRY (IPC)

3200 (3200 A & B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: None

NOTE: THIS COURSE CAN NOT BE TAKEN AFTER CHEMISTRY OR PHYSICS. This course CAN NOT BE COUNTED AS ONE OF THE FOUR SCIENCE COURSES REQUIRED FOR DAP.

IPC is a hands-on science course designed to introduce the student to basic physics and chemistry concepts. Some of the physics concepts are: force and motion, work and simple machines, energy and heat, wave types and uses, electricity and magnetism. Some of the chemistry concepts are: properties of matter, energy changes, periodic table, chemical bonding, chemical reactions, solution chemistry, pH, and acids and bases. Safety, general lab procedures and scientific inquiry methods are applied. **Must be taken prior to the senior year.**

What's next? Conceptual Physics or Chemistry

FUNDAMENTAL INTEGRATED PHYSICS AND CHEMISTRY (IPC)

3200 (3200 A & B)

Grade: 10-12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

The subject content will parallel the general education IPC curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

APPLIED INTEGRATED PHYSICS AND CHEMISTRY

8923Y (8923 A & B)

Grade: 10-12 Level: 1 Credit: 1 Local

Prerequisite: ARD committee recommendation

The course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on basic physics and chemistry concepts including force and motion, properties of matter, applying the scientific method in lab activities.

CONCEPTUAL PHYSICS

3411Y (3411 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

The focus of the course is on critical thinking rather than mathematical problem solving. Equations are used as guides to thinking. The forms of energy studied are mechanical heat, light, sound, electrical and nuclear. (For sophomores, a grade of at least an 80 in biology and Algebra I is recommended.)

FUNDAMENTAL CONCEPTUAL PHYSICS

3411Y (3411 A & B)

Grade: 10-12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

The subject content will parallel the general education conceptual physics curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

APPLIED CONCEPTUAL PHYSICS

8980Y (8980 A & B)

Grade: 10-12 Level: 1 Credit: 1 Local

Prerequisite: ARD committee recommendation

The course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on forms of energy including light, sound, motion and simple machines.

PRE-AP CONCEPTUAL PHYSICS

3414Y (3414 A & B)

Grade: 9-10 Level: 3 Credit: 1

Prerequisite: None

This course is intended for freshmen and sophomores who are planning to enroll in the International Baccalaureate (IB) program during their junior and senior years. With an emphasis on critical thinking, the forms of energy studied are mechanical heat, light, sound, electrical and nuclear. Equations are used as guides to thinking. Some biology concepts will be integrated into the course.

AP PHYSICS B

3430Y (3430 A & B)

Grade: 11-12 Level: 4 Credit: 1

Prerequisite: Completion of Biology, Chemistry, and Algebra II

The AP Physics B course includes topics in both classical and modern physics. An understanding of algebra and basic trigonometry is required for the course; the basic ideas of calculus may be introduced in connection with physical concepts, such as acceleration and work. Understanding of basic principles involved and the ability to apply these principles in the solution of problems are the major goals of this course. (Concurrent enrollment in Precalculus is recommended.)

GT AP PHYSICS B

3432Y (3432 A & B)

Grade: 11-12 Level: 4 Credit: 1

Prerequisite: Biology, Chemistry, Algebra II, and GT Identification

The GT AP Physics B course includes topics in both classical and modern physics. An understanding of algebra and basic trigonometry is required for the course; the basic ideas of calculus may be introduced in connection with physical concepts, such as acceleration and work. Understanding of basic principles involved and the ability to apply these principles in the solution of problems are the major goals of this course. This course includes appropriate differentiation for gifted students. (Concurrent enrollment in Precalculus is recommended.)

AP PHYSICS C

3431Y (3431 A & B)

Grade: 11-12 Level: 4 Credit: 1

Prerequisite: Biology, Chemistry, and Conceptual Physics or AP Physics B

This is a college level general physics course for science/engineering students. Fundamental physics topics are taught in depth with an emphasis on calculus-based problems. Advanced lab investigations involving independent data analysis and study are a major part of this course. (Concurrent enrollment in calculus is recommended.)

CHEMISTRY

3311Y (3311 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

The course is designed to provide a lab approach to the study of matter. Problem solving and mathematical applications are emphasized. (Concurrent enrollment in Algebra II is recommended.)

FUNDAMENTAL CHEMISTRY

3311Y (3311 A & B)

Grade: 10-12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

The subject content will parallel the general education chemistry curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

APPLIED CONCEPTUAL CHEMISTRY

8981Y (8981 A & B)

Grade: 11-12 Level: 1 Credit: 1 Local

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on a lab approach to the study of matter including properties of elements, identifying trends on the periodic table and chemical reactions.

PRE-AP CHEMISTRY

3321Y (3321 A & B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Biology or Pre-AP Biology

This course is designed to provide the advanced science student an enriched and expanded chemistry curriculum in preparation for enrollment in AP chemistry. Emphasis is on mathematical applications, lab techniques, and critical thinking. (Concurrent enrollment in Algebra 2 is recommended.) **This class will also be offered as an evening course.**

AP CHEMISTRY

3331Y (3331 A & B)

Grade: 11-12 Level: 4 Credit: 1.5

Prerequisite: Biology, Chemistry, Pre-AP or AP Physics B or C

This is a college level chemistry course for science/engineering students. Fundamental chemistry topics are taught in depth with an emphasis on calculation and critical thinking. Advanced lab investigations involving independent data analysis and study are a major part of the course. **ADDITIONAL LAB TIME OUTSIDE OF THE NORMAL SCHOOL HOURS IS REQUIRED.**

AEROSCIENCE STUDIES I (SAS I)

3508Y (3508 A & B)

Grade: 11 Level: 4 Credit: 1

Prerequisite: Biology /Pre-AP Biology and Chemistry/Pre-AP Chemistry

This is the first course in a two-year, junior-senior program in which students design and develop remotely operated vehicles (ROV's) and unmanned aerial vehicles (UAV's) for research or work application. The physics-based curriculum prepares students for the AP Physics B exam and includes technological application of the four main energy systems: mechanical, fluid, electrical and thermal. Through a project/problem-based format, the course is designed to increase critical thinking and analysis skills. Students will earn a credit in physics for the first year. ***This course is blocked with Engineering Systems to allow for time-sharing and concept integration between the two courses.***

APPLIED SCIENCE

8921Y (8921 A & B)

Grade: 9-12 Level: 1 Credit: 1 Local

Prerequisite: ARD committee recommendation

The course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on basic science concepts related to cooking, cleaning, daily living and other domestic skills.

SCIENCE ELECTIVES

Each of the following is state approved as a fourth year science credit on the Recommended Graduation Plan or DAP plan with the exception of Lab Management and Medical Terminology.

LAB MANAGEMENT

3505Y (3505 A & B)

Grade: 11-12 Level: n/a Credit: .5 – 1 Local

This course cannot be used to meet the 4th year science credits required on the Recommended Graduation Plan or DAP plan.

Prerequisite: Science department approval

This course provides students with practical applications of laboratory techniques, including the implementation and analysis of laboratory activities and the proper procedures for usage and maintenance of laboratory materials.

AEROSCIENCE STUDIES II (SASII)

3509Y (3509 A & B)

Grade: 12 Level: 4 Credit: 1

Prerequisite: Aerospace Studies I (SAS I)

This is the second year of a two-year program in which students research, plan, design, build, and test a rocket capable of breaking the sound barrier. Through a project/problem-based format, the course is designed to increase critical thinking, analysis, project management, teamwork, and technical communication skills. Students earn Scientific Research & Design Credit (fourth year of science).

This course does not meet NCAA requirements for science.

ANATOMY & PHYSIOLOGY

7400Y (7400 A & B)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite: Biology and one additional science credit

Students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Topics are presented through an integration of biology, chemistry, and physics. Students in Anatomy and Physiology of Human Systems study the structures and functions of the human body and body systems and investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy processes. This course includes at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

AQUATIC SCIENCE

3501Y (3501 A & B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: None

This is a lab/project oriented course that focuses on the earth's freshwater and marine biomes. Students construct, maintain, and monitor aquatic ecosystems. Field studies and field trips are conducted at area parks and other water sites. Topics include water ecosystems, mapping, tides, water properties, technology, water issues and pollution.

AP ENVIRONMENTAL SCIENCE

3502Y (3502 A & B)

Grade: 10-12 Level: 4 Credit: 1

Prerequisite: None

This is a college level, interdisciplinary course which provides students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. (Prior enrollment in a Pre-AP science course recommended.)

EARTH AND SPACE SCIENCE (ESS)

3504Y (3504 A & B)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite: Biology and Chemistry. Physics may be taken concurrently. Required math prerequisites are Algebra I, Geometry, and Algebra II, one of which may be taken concurrently.

This course is a capstone course that builds on prior scientific knowledge and skills to provide high school students an understanding of the Earth System and cycles in space and time. In this year-long course students will learn the basics and special topics of geology, oceanography, meteorology, and planetary astronomy through acquiring, processing, and analyzing scientific data; using reading, writing, research, and quantitative skills; and examining authentic situations that extend beyond the boundaries of the classroom.

The ESS night class will meet from 4:00-6:30 pm on Tuesdays and Thursdays. Additional night meetings will take place during the astronomy portion of the course.

(This course is recommended for students in grade 12 but may be taken by students in grade 11.) **This class will only be offered as an evening course.**

FUNDAMENTAL EARTH AND SPACE SCIENCE

3504Y (3504 A & B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: ARD committee recommendation

The subject content will parallel the general education earth and space science curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

APPLIED EARTH AND SPACE SCIENCE

3504Y (3504 A & B)

Grade: 11-12 Level: 1 Credit: 1 Local

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. Instruction is according to the Individualized Education Plan (IEP) objectives. The focus is on a hands on approach introducing students to the physical world around them. Concepts include the earth as part of the solar system, the solid properties of earth including rocks and minerals, the fluid properties of earth including the oceans and management of the earth including the oceans and management of the earth's resources as they relate to the 21st century.

ASTRONOMY

3512 Y (3512 A & B)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite: Biology, Chemistry, and Physics

This course is a scientific exploration of the human place in our universe. We will study the origin and history of the universe and the formation of the Earth and the solar system. We compare the Earth's properties with those of the other planets and explore how the heavens have influenced human thoughts and actions. The course includes the study of the properties of light and matter and the tools astronomers use to measure radiation from celestial sources. The course will also cover black holes, the expansion of the universe, and the search for extraterrestrial life.

The evening class meets for 3 hours on Monday evenings with a discussion board or study group at other times during the week.

Evening observing sessions include use of the 1.2 meter Monet Telescope and other telescopes to observe stars, nebulae, planets, and galaxies; daytime observation of the sun will also be possible.

Students will use multimedia facilities to learn more about the astronomical objects they study and observe and to explore astronomy on the World Wide Web.

Astronomy is an evening course and will meet at the Education Annex.

ENVIRONMENTAL SYSTEMS

3231Y (3231 A & B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: 2 years of required science courses.

The Environmental Systems course focuses on a variety of environmental topics such as habitats, ecosystems, biomes, interrelationships among resources within an environmental system, sources and flow of energy within an environmental system and the relationship between carrying capacity and changes in populations within ecosystems and man's impact on environmental systems.

SCIENTIFIC RESEARCH AND DESIGN - NUTRITION

3605Y (3605 A & B)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite: 2 years of required science courses.

The nutrition course is designed to teach the principles of nutrition through science with an emphasis on service learning and community involvement. The class meets physically for three hours on Monday evenings and electronically through a Discussion Board at other times during the week. Some of the course concepts are taught through a project-based format. Student groups may meet in the community, such as at the Farmers Market or various grocery stores to gather data for projects. Throughout the course students utilize 21st century technology for a variety of tasks including communication, data collection and analysis, interactive simulations and formative assessment of understanding. The course follows the TEKS for Scientific Research and Design. **This class will only be offered as an evening course.**

ADVANCED ANIMAL SCIENCE

3806Y (3806 A & B)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite: 2 years of required science courses.

This course is designed to prepare students for careers in the field of animal science including veterinary technician. The biology of animal systems as well as the interrelatedness of human, scientific and technological dimensions of livestock production will be focus areas in this course. Students enrolled in Advanced Animal Science will have the opportunity to prepare for and take the certification test to become a Veterinary Technician. **This class will only be offered as an evening course.**

FORENSIC SCIENCE

3807Y (3807 A & B)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite: Biology and Chemistry.

This is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the legal aspects and career options for forensic science.

The course will meet for 3 hours on Monday evenings with follow-up discussion board threads and other online assignments throughout the week. **This class will only be offered as an evening course.**

ENGINEERING DESIGN AND PROBLEM SOLVING

3510Y (3510 A & B)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite: Geometry, Algebra II, Chemistry and Physics.

This course is designed to reinforce and integrate skills learned in previous math and science classes as students apply the engineering design process cycle to investigate, design, plan, create and evaluate solutions. This course emphasizes solving problems, moving from well-defined toward more open-ended with real-world application. Students apply critical thinking skills to justify a solution from multiple design options. Additionally, the course promotes interest in and an understanding of career opportunities in engineering. **This class will be offered as an evening course at New Tech High @ Coppell.**

ADVANCED BIOTECHNOLOGY

3511Y (3511 A & B)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite: Biology and Chemistry.

Students enrolled in this course will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques. Students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Advanced Biotechnology study a variety of topics that include structures and functions of cells, nucleic acids, proteins, and genetics. **This class will only be offered as an evening course.**

MEDICAL TERMINOLOGY

7405

Grade: 9-12 Level: 2 Credit: .5

Prerequisite: None

This course cannot be used to meet the 4th year science credits required on the Recommended Graduation Plan or DAP plan.

A course designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots, and abbreviations. By relating terms to body systems, students identify proper use of words in a medical environment. Knowledge of medical terminology enhances the student's ability to successfully secure employment or pursue advanced education in health care. Articulated credit may be awarded upon successful completion of a sequence of courses.

MEDICAL MICROBIOLOGY

7404

Grade: 11-12 Level: 2 Credit: .5

This course in conjunction with PATHOPHYSIOLOGY is State approved as a 4th year science credits required on the Recommended Graduation Plan.

Prerequisite: None

This lab oriented course introduces students to the relationship between microbes and human health through research opportunities and lab procedures commonly used in the study of microorganisms.

PATHOPHYSIOLOGY

7406

Grade: 11-12 Level: 2 Credit: .5

This course in conjunction with MEDICAL MICROBIOLOGY is State approved as a 4th year science credit required on the Recommended Graduation Plan.

Prerequisite: Biology and Physics or Chemistry

This course is designed to introduce students to the field of *pathophysiology*. Students investigate the process of pathogenesis, effective disease control, and a variety of human diseases. Students are expected to have good memorization and study skills as well as have an interest in science or medicine.

SOCIAL STUDIES

WORLD GEOGRAPHY STUDIES

4100Y (4100 A & B)

Grade: 9-12 Level: 2 Credit: 1

Prerequisite: None

This course deals with the fundamentals of world patterns, including cultural, political, historical, and economic characteristics.

FUNDAMENTAL WORLD GEOGRAPHY STUDIES

4100Y (4100 A & B)

Grade: 9-12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

The subject content will parallel the general education world geography curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

APPLIED WORLD GEOGRAPHY STUDIES

8935Y (8935 A & B)

Grade: 9-12 Level: 1 Credit: 1 Local

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on identifying basic geographical terms, customs of different cultures and basic map skills.

PRE-AP WORLD GEOGRAPHY STUDIES

4111Y (4111 A & B)

Grade: 9-12 Level: 3 Credit: 1

Prerequisite: None

This challenging course deals with the fundamentals of world patterns, including cultural, political, historical, and economic characteristics. Pre-AP courses are challenging and designed for students with strong reading, writing, and analytical skills. They should be taken in preparation for students enrolling in future Advanced Placement courses.

AP HUMAN GEOGRAPHY

4340Y (4340 A & B)

Grade: 9-12 Level: 4 Credit: 1

Prerequisite: None

This course also meets the World Geography requirement. This course is a study of patterns and processes that shape human understanding, use, and alteration of the Earth's surface. Awareness of countries, capitals, and other significant places along with knowledge of physical features of the regions of the world is recommended. Advanced Placement courses are in-depth studies that are challenging and equivalent to a freshman college level course. Very strong reading and writing skills are necessary for success in these various courses, as are strong analytical and problem solving skills.

WORLD HISTORY STUDIES

4200Y (4200 A & B)

Grade: 9-12 Level: 2 Credit: 1

Prerequisite: None

This course covers Prehistory through the Cold War.

FUNDAMENTAL WORLD HISTORY STUDIES

4200Y (4200 A & B)

Grade: 9-12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

The subject content will parallel the general education world history curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

APPLIED WORLD HISTORY STUDIES

8936Y (8936 A & B)

Grade: 9-12 Level: 1 Credit: 1 Local

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on historical, cultural, economic trends of the world.

WORLD HISTORY STUDIES (SHELTERED for ESOL)

4210Y (4210 A & B)

Grade: 9-12 Level: 2 Credit: 1

Prerequisite: Must be in the ESL Program

This course is designed to provide instruction in World History. The curriculum is aligned with World History but uses second language acquisition methodology. **This course is for students who are non-speakers and in their first year of school in the United States.**

PRE-AP WORLD HISTORY STUDIES

4221Y (4221 A & B)

Grade: 9-12 Level: 3 Credit: 1

Prerequisite: None

This course covers Prehistory through the Cold War. Pre-AP courses are challenging and designed for students with strong reading, writing, and analytical skills. They should be taken in preparation for students enrolling in future Advanced Placement courses.

AP WORLD HISTORY STUDIES

4231Y (4231 A & B)

Grade: 9-12 Level: 4 Credit: 1

Prerequisite: None

This course covers Prehistory through the Cold War. Advanced Placement courses are in-depth studies that are challenging and equivalent to a freshman college level course. Very strong reading and writing skills are necessary for success in these various courses, as are strong analytical and problem solving skills.

GT AP WORLD HISTORY STUDIES

4241Y (4241 A & B)

Grade: 9-12 **Level: 4** **Credit: 1**

Prerequisite: GT Identification

This course covers Prehistory through the Cold War. Advanced Placement courses are in-depth studies that are challenging and equivalent to a freshman college level course. Very strong reading and writing skills are necessary for success in these various courses, as are strong analytical and problem solving skills. This course includes appropriate differentiation for gifted students.

U. S. HISTORY STUDIES SINCE RECONSTRUCTION

4300Y (4300 A & B)

Grade: 11-12 **Level: 2** **Credit: 1**

Prerequisite: None

This course examines political, economic, social, and foreign policy development from 1877 to the present.

FUNDAMENTAL U. S. HISTORY STUDIES SINCE RECONSTRUCTION

4300Y (4300 A & B)

Grade: 11-12 **Level: 1** **Credit: 1**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education U.S. History curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

APPLIED U. S. HISTORY STUDIES SINCE RECONSTRUCTION

8937Y (8937 A & B)

Grade: 9-12 **Level: 1** **Credit: 1 Local**

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on the major individual events that shaped American History.

AP UNITED STATES HISTORY

4311Y (4311 A & B)

Grade: 11-12 **Level: 4** **Credit: 1**

Prerequisite: None

Very strong reading and writing skills are necessary for success in this course. This course examines US history from the age of exploration and discovery to the present. Advanced Placement courses are in-depth studies that are challenging and equivalent to a freshman college level course. Additionally, students should be prepared with strong analytical and problem solving skills.

GOVERNMENT

4400

Grade: 11-12 **Level: 2** **Credit: .5**

Prerequisite: None

This course examines structure and function of US, Texas, and local governments.

GOVERNMENT

4400

Grade: 11-12 **Level: 2** **Credit: .5**

Prerequisite: None

The Government evening course mirrors the content of the Government courses taught during the regular school day; however, the evening class meets physically for three hours one evening each week and via a discussion board and/or study groups at other times during the week. Students focus on conceptual inquiry, investigation, and research through primary and secondary historical sources and related literature and media. They work collaboratively using 21st century skills to solve real-world problems related to the concepts in the curriculum. **This class will only be offered as an evening course.**

FUNDAMENTAL GOVERNMENT

4400

Grade: 11-12 **Level: 1** **Credit: .5**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education government curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

APPLIED GOVERNMENT

8938

Grade: 11-12 **Level: 1** **Credit: .5 Local**

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on basic government systems as well as the rights and responsibilities of American citizenship.

AP U.S. GOVERNMENT

4440

Grade: 11-12 **Level: 4** **Credit: .5**

Prerequisite: None

This course is an in-depth study of political institutions, methods of participation, and basic rights as created by the US Constitution. Advanced Placement courses are in-depth studies that are challenging and equivalent to a freshman college level course. Very strong reading and writing skills are necessary for success in this course, as are strong analytical and problem solving skills.

AP COMPARATIVE GOVERNMENT

4430

Grade: 11-12 **Level: 4** **Credit: .5**

Prerequisite: Government or AP Government

This course is the study of various current forms of government around the world. Advanced Placement courses are in-depth studies that are challenging and equivalent to a freshman college level course. Very strong reading and writing skills are necessary for success in this course, as are strong analytical and problem solving skills.

ECONOMICS/ FREE ENTERPRISE

4410

Grade: 11-12 **Level: 2** **Credit: .5**

Prerequisite: None

This is a survey course with emphasis on the study of the free enterprise system and international economic systems.

FUNDAMENTAL ECONOMICS/FREE ENTERPRISE

4410

Grade: 11-12 Level: 1 Credit: .5

Prerequisite: ARD committee recommendation

The subject content will parallel the general education economics curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

APPLIED ECONOMICS/FREE ENTERPRISE

8939

Grade: 12 Level: 1 Credit: .5 Local

Prerequisite: ARD committee recommendation

This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on consumer economics.

AP MACROECONOMICS

4450

Grade: 11-12 Level: 4 Credit: .5

Prerequisite: None

This course is an in-depth study of the US Free Enterprise System on a national level. Advanced Placement courses are in-depth studies that are challenging and equivalent to a freshman college level course. Very strong reading and writing skills are necessary for success in this course, as are strong analytical and problem solving skills.

AP MICROECONOMICS

4455

Grade: 11-12 Level: 4 Credit: .5

Prerequisite: AP Macroeconomics

This course is an in-depth study of the US Free Enterprise System as it relates to business decisions. Advanced Placement courses are in-depth studies that are challenging and equivalent to a freshman college level course. Very strong reading and writing skills are necessary for success in this course, as are strong analytical and problem solving skills.

APPLIED SOCIAL STUDIES

8931Y (8931 A & B)

Grades: 9-12 Level: 1 Credit: 1 Local

Prerequisite: ARD committee recommendation

Course is designed to follow the individualized educational plan developed by the admission, review and dismissal (ARD) committee. The focus is on basic social and vocational skills needed for independent living.

SPECIAL TOPICS IN SOCIAL STUDIES (ELECTIVES)

AP EUROPEAN HISTORY

4375Y (4375 A&B)

Grade: 11-12 Level: 4 Credit: 1

Prerequisite: None

This course explores European history and culture from the Renaissance to the present. Advanced Placement courses are in-depth studies that are challenging and equivalent to a freshman college level course. Very strong reading and writing skills are necessary for success in this course, as are strong analytical and problem solving skills.

AMERICAN STUDIES

4376Y (4376 A & B)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite:

The American Studies course is designed to investigate the concepts of political, economic, social, and foreign policy development of the U.S. from 1877 to the present through an integrated curriculum with an emphasis on the study of major authors and periods in American literature, including both fiction and non-fiction texts, primary and secondary sources, and media. The grammatical, mechanical, and syntactical skills of language are integrated into written and oral discourse with a focus on argumentation, literary analysis, and research-based essays.

The class meets physically for three hours one evening each week and electronically through a Discussion Board at other times during the week. Some of the course concepts are taught through a project-based format, an extended inquiry design. Student groups may meet in the community for research and real world experiences related to the projects. Throughout the course, students utilize 21st century technology and skills for a variety of tasks including communication, research, data collection and analysis, interactive simulations and both formative and summative assessment of learning. The course follows the TEKS for United States History Studies Since 1877 and English III, both state-approved required courses for graduation. **This class will only be offered as an evening course.**

PSYCHOLOGY

4510

Grade: 10-12 Level: 2 Credit: .5

Prerequisite: None

This course introduces the study of human behavior dynamics, group processes, and individual differences.

AP PSYCHOLOGY

4550

Grade: 10-12 Level: 4 Credit: .5

Prerequisite: None

This course is a college level introductory course of theory and practical applications concerning human behavior. Advanced Placement courses are in-depth studies that are challenging and equivalent to a freshman college level course. Very strong reading and writing skills are necessary for success in this course, as are strong analytical and problem solving skills.

SOCIOLOGY

4520

Grade: 10-12 Level: 2 Credit: .5

Prerequisite: None

This course analyzes fundamental characteristics of social groups and how they function in society. This course includes topical issues such as crime, poverty, delinquency, and racism.

PHILOSOPHY

4525

Grade: 11-12 Level: 2 Credit: .5

Prerequisite: None

This course studies ideas that have formed Western assumptions concerning values and reality and follows the historical development of philosophy from an emphasis on metaphysics and ethics. Strong reading and discussion skills are necessary for success.

MEDIEVAL HISTORY

4354

Grade: 10-12 Level: 2 Credit: .5

Prerequisite: None

This course examines European history from c. 500 AD to c. 1500 AD. It focuses on the emergence of the Medieval era as an historical period with its characteristics, development, distinctiveness, people, legacy, and decline.

CURRENT EVENTS

4353

Grade: 10-12 Level: 2 Credit: .5

Prerequisite: None

The review, analysis, examination, and comment on the current news items of the day and their accompanying issues will be the focus of Current Events. This includes studying the origins of news delivery, gathering, and editing as well as cultural contributions and the emergence of mass media and its effects on society.

SOCIAL STUDIES ADVANCED STUDIES SUPPORTIVE PEER RELATIONSHIP COURSES

PEER TUTOR: APPLIED COURSES

4601Y (4601 A & B)

Grade: 9-12 Level: 2 Credit: .5-1

Prerequisite: Application and Teacher Approval

The supportive peers will assist an individual student or a small group of students with special needs in a general education class or in the special education classroom. The course requires the student peer to complete weekly assignments. As part of the course work, students are expected to keep a daily journal, make a weekly phone call to a student with a disability, turn in weekly assignments, and complete and present an approved research project each semester.

PEER TUTOR: P.E. PARTNERS

4602Y (4602 A & B)

Grade: 9-12 Level: 2 Credit: .5-1

Prerequisite: Application and Teacher Approval

The supportive peers will assist an individual student or a small group of students with special needs in a general education class or in the special education classroom. The course requires the student peer to complete weekly assignments. As part of the course work, students are expected to keep a daily journal, make a weekly phone call to a student with a disability, turn in weekly assignments, and complete and present an approved research project each semester.

FINE ARTS - ART

Students who need assistance with art lab fees, please see your counselor.

ART I

6311Y (6311 A & B)

Grade: 9-12 **Level: 2** **Credit: 1**

Prerequisite: None

Art I is an introductory studio course providing students with experience in a variety of media. This course provides students with a foundation in drawing, 2-D and 3-D design, painting, printmaking, and ceramics. Critical analysis, historical and cultural references, and personal expression are an ongoing part of this course. Students will complete a sketchbook assignment each week for homework. The purchase of an art kit is required (minimum \$55.00)

This class will also be offered as a Zero Hour class.

FUNDAMENTAL ART I

6311Y (6311 A & B)

Grade: 9-12 **Level: 1** **Credit: 1**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Art I curriculum. Instruction is according to Individualized Education Plan (IEP) objectives. The purchase of an art kit is required (minimum \$55.00)

ADVANCED ART I

6336 (6336 A & B)

Grade: 9-12 **Level: 3** **Credit: 1**

Prerequisite: Teacher Approval/Portfolio Presentation

Students must submit a portfolio in May for teacher approval.

The portfolio must contain the following 6 objectives: a contour line drawing from life, a portrait from life, a perspective drawing, value study from life, color theory and design assignment, and photographs of two views of a sculpture. Contact Art teachers for further information on requirements. This course provides students with a foundation in drawing, 2-D and 3-D design, painting, printmaking, and ceramics. Critical analysis, historical and cultural references, and personal expression are an ongoing part of this course. This course is designed to prepare students for the AP Art Classes. Students will complete a sketchbook assignment each week for homework. The purchase of an art kit is required (minimum \$55.00)

AP ART HISTORY

6334Y (6334 A & B)

Grade: 9-12 **Level: 4** **Credit: 1**

Prerequisite: None

Advanced Placement Art History is a survey of trends in art from prehistoric times to the present, focusing on preparing students for the AP Exam. Students will explore formal as well as historical, political, philosophical and theoretical influences on art as personal and cultural expression. This course requires a high degree of commitment to academic work and study as it is taught as a college survey course.

PRE-AP ART II

6321Y (6321 A & B)

Grade: 10-12 **Level: 3** **Credit: 1**

Prerequisite: Art I

This course is designed to further develop the skills, knowledge and concepts introduced in Art I. Students will explore increasingly complicated and challenging processes and media. This course will prepare students to enter the AP Portfolio classes. Critical analysis, historical and cultural references, independent research and personal expression are an ongoing part of this course. Students will complete a sketchbook assignment each week for homework. The purchase of an art kit is required (minimum \$55.00)

ART II-CERAMICS

6325Y (6325 A & B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Art I

Art II Ceramics is an exploration of three-dimensional design through the medium of clay. Students will explore the history of ceramics as it relates to the process of hand-built and wheel-thrown functional and sculptural forms and surfaces. Students will complete a sketchbook assignment each week for homework. The purchase of an art kit is required (minimum \$55.00)

FUNDAMENTAL ART II-CERAMICS

6325Y (6325 A & B)

Grade: 10-12 **Level: 1** **Credit: 1**

Prerequisite: Art I, ARD committee recommendation

The subject content will parallel the general education Art II Ceramics curriculum. Instruction is according to Individualized Education Plan (IEP) objectives. The purchase of an art kit is required (minimum \$55.00)

ART III-CERAMICS

6330Y (6330 A & B)

Grade: 11-12 **Level: 2** **Credit: 1**

Prerequisite: Art II Ceramics

Art III Ceramics is a deeper exploration of and research into functional and sculptural ceramic forms and surfaces, as well as other sculptural media. A weekly sketchbook assignment is required for homework. A fee of \$35 is required as well as the supply kit from the previous Art II Ceramics course.

ART II-DRAWING

6324Y (6324 A & B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Art I

This course concentrates on improving drawing skills while introducing new media and techniques. Subject matter will include life drawing, linear perspective, figures and landscapes. Historical and aesthetic study will cover artists from a variety of periods and styles. Students will complete a sketchbook assignment each week for homework. The purchase of an art kit is required (minimum \$55.00)

FUNDAMENTAL ART II-DRAWING

6324Y (6324 A & B)

Grade: 10-12 Level: 1 Credit: 1

Prerequisite: Art I, ARD committee recommendation

The subject content will parallel the general education Art II curriculum. Instruction is according to Individualized Education Plan (IEP) objectives. The purchase of art supplies is required.

ART II-PAINTING

6323Y (6323 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Art I

Art II Painting concentrates on exploring and improving painting skills and techniques with acrylic, watercolor, and oil paint. Students will complete a sketchbook assignment each week for homework. The purchase of an art kit is required (minimum \$60.00)

FUNDAMENTAL ART II-PAINTING

6323Y (6323 A & B)

Grade: 10-12 Level: 1 Credit: 1

Prerequisite: Art I, ARD committee recommendation

The subject content will parallel the general education Art II Painting curriculum. Instruction is according to Individualized Education Plan (IEP) objectives. The purchase of an art kit is required (minimum \$55.00)

ART II DIGITAL GRAPHICS/ANIMATION

6322Y (6322 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Art I – Teacher Recommendation and Application Required.

Students will explore art through the use of electronic media. Students will design original artwork in traditional media emphasizing the elements and principles of design. Critical analysis, historical and cultural references, independent research and personal expression are an ongoing part of this course. Artwork will be scanned and manipulated using a variety of programs and digital cameras. First semester will focus on the use of Photoshop while second semester will focus on Painter and an introduction to animation. Students will complete a sketchbook assignment each week for homework. The purchase of an art kit is required (minimum \$40.00)

ART III GRAPHIC DESIGN WITH ANIMATION

6335Y (6335 A & B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Art I, Art II Digital Graphics/ Animation – Teacher Recommendation required

A variety of animation techniques and processes will be explored including claymation, 2-dimensional animation, 3-Dimensional animation and storyboards. Programs may include Photoshop, Flash, and advanced animation programs. Students will explore animation related careers. Students will work individually and in teams to complete projects. Students will complete a sketchbook assignment each week for homework. The purchase of an art kit is required (minimum \$40.00)

ART III-DRAWING

6329Y (6329 A & B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Art II Drawing

Students in Art III Drawing will further explore the media of pencil, colored pencil, chalk, charcoal, ink, etc... to fine tune skills in their particular area of interest. There will be an individual focus on helping each student's continued growth within the discipline in both production of original artwork and study of historical works in drawing. The purchase of an art kit is required (minimum \$55.00)

ART III-PAINTING

6328Y (6328 A & B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Art II Painting

Art III Painting students will further explore the media of watercolor, acrylic, and oil to fine tune skills in their particular area of interest. The purchase of an art kit is required (min. \$60.00).

ART III ELECTRONIC MEDIA

6327Y (6327 A & B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Art II Digital Graphics/Animation – Teacher Recommendation required

Students will continue to explore art through the use of electronic media. Students will design original artwork with increasing challenges and complexity using traditional media emphasizing the elements and principles of art. Artwork will be scanned and manipulated using Photoshop and Painter and digital cameras. Students will complete a sketchbook assignment each week for homework. The purchase of an art kit is required (minimum \$55.00)

AP DRAWING PORTFOLIO

6326Y (6326 A & B)

Grade: 11-12 Level: 4 Credit: 1

Prerequisite: Art I and Art II Pre-AP or another Art II level course(s) with teacher approval.

This is a rigorous course for highly motivated students. Students will complete a variety of drawing assignments to fulfill the requirements for the AP Drawing Portfolio. Students will complete 30 pieces of work that will include realistic, expressive and concept-related works as well as figure drawing, still life and perspective. Students will select a related theme for assignments to fulfill the concentration section of the portfolio. Students will have one major assignment outside of class each week. **Students are required to complete summer assignments prior to the first 3 week marking period.** This course is part of the AP Strategies Grant; students will be required to participate in AP Strategies workshops and contests. The purchase of \$100.00 in art supplies is required.

AP 2D DESIGN

6331Y (6331 A & B)

Grade: 11-12 Level: 4 Credit: 1

Prerequisite: Art I and Art II Pre-AP or another Art II-Digital Graphics

This is a rigorous course for highly motivated students. Students will complete a variety of drawing assignments to fulfill the requirements for the 2-D Design Portfolio. Students will complete 30 pieces of work that will include realistic, expressive and concept related works as well as figure drawing, still life and design based assignments. Students are allowed to use photography and digital work in this portfolio. Students will select a related theme for assignments to fulfill the concentration section of the portfolio. Students will have one major assignment outside of class each week. **Students are required to complete summer assignments prior to the first 3 week marking period.** This course is part of the AP Strategies Grant; students will be required to participate in AP Strategies workshops and contests. The purchase of \$100.00 in art supplies is required.

AP 3D DESIGN

6332Y (6332 A & B)

Grade: 11-12 Level: 4 Credit: 1

Prerequisite: Art I and Art II Pre-AP and Art II Ceramics

This is a rigorous course for highly motivated students. Students will complete a variety of 3-D design assignments to fulfill the requirements for the 3-D Design Portfolio. Students will complete 30 pieces of art work that will include realistic, expressive and concept related works. Students will select a related theme for assignments to fulfill the concentration section of the portfolio. Students will have one major assignment outside of class each week. **Students are required to complete summer assignments prior to the first 3 week marking period.** This course is part of the AP Strategies Grant; students will be required to participate in AP Strategies workshops and contests. The student is required to purchase \$100 in art supplies and is also required to use a wide variety of materials.

FINE ARTS - BAND

Bands are by audition only.

Grade: 9-12 Level: N/A Credit: 1

Prerequisite: None

Fall =P. E. Waiver for one semester of PE

CONCERT BAND

9th 6701Y (6701 A & B)

10th 6702Y (6702 A & B)

11th 6703Y (6703 A & B)

12th 6704Y (6704 A & B)

The Concert Band is reserved for only the percussion students and the Color Guard students in the first semester. This class places strong emphasis on the fundamental technical and musical abilities of its students so that they will be able to perform the marching show music as well as their solo and All-section work. The second semester the concert band becomes one of the five concert bands of the overall instrumental music program. During the second semester, the percussionists will be placed into one of the four other bands by audition. District Pay to Play fee is necessary for participation.

FUNDAMENTAL CONCERT BAND

9th 6701Y (6701 A & B)

10th 6702Y (6702 A & B)

11th 6703Y (6703 A & B)

12th 6704Y (6704 A & B)

Prerequisite: ARD committee recommendation

The subject content will parallel the general education concert band curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives. District Pay to Play fee is necessary for participation.

SYMPHONIC BAND

9th 6711Y (6711 A & B)

10th 6712Y (6702 A & B)

11th 6713Y (6703 A & B)

12th 6714Y (6704 A & B)

The Symphonic Band is a part of the marching band and meets both semesters. During the first semester all 9th grade brass instrumentalist will meet in one class and all 9th grade woodwind instrumentalist will meet in another class. Students are evaluated on their musical growth throughout the first semester. Students are placed in one of the five bands in the spring. The study and practice of All-State music and solo literature is a requirement of all ensembles and band classes. District Pay to Play fee is necessary for participation.

WIND ENSEMBLE

9 th	6721Y (6711 A & B)
10 th	6722Y (6702 A & B)
11 th	6723Y (6703 A & B)
12 th	6724Y (6704 A & B)

The Wind Ensemble is a part of the marching band and meets both semesters. This class places strong emphasis on the technical and musical abilities of its students so that they will be able to perform literature appropriate to the musical ability of the students within this ensemble. Musical analysis and individual performance are also strongly emphasized to exhibit proper musical techniques that are necessary for the Wind Ensemble. The study and practice of All-State music and solo literature is a requirement of the ensemble. District Pay to Play fee is necessary for participation.

SYMPHONIC WINDS

9 th	6731Y (6711 A & B)
10 th	6732Y (6702 A & B)
11 th	6733Y (6703 A & B)
12 th	6734Y (6704 A & B)

The Symphonic Winds is a part of the marching band and meets both semesters. This class places strong emphasis on the technical and musical abilities of its students so that they are able to perform the very highest level of band literature. Musical analysis and individual performance are also required to exhibit proper musical techniques that are necessary for the level of the Symphonic Winds. The study and practices of All-State music and solo literature is a requirement of the ensemble. District Pay to Play fee is necessary for participation.

HONOR BAND

9 th	6741Y (6711 A & B)
10 th	6742Y (6702 A & B)
11 th	6743Y (6703 A & B)
12 th	6744Y (6704 A & B)

The Honor Band is a part of the marching band and meets both semesters. The class is the select instrumental ensemble of the CHS Bands. The study and practice of All-State music and solo literature is a requirement of this ensemble. Students will be expected to already have obtained a certain level of musical maturity before entering this class. This course is by audition only. The literature that students are exposed to in this class is the same for an advanced college or professional concert band. District Pay to Play fee is necessary for participation.

COLORGUARD/WINTERGUARD

6745Y (6745 A & B)

Grade: 9-12 Level: N/A Credit: 1

(Fall = .5 PE credit; .Spring = 5 fine arts credit)

Prerequisite: audition and knowledge of color guard fundamentals

Colorguard/Winterguard is a dramatic and colorful "ballet" incorporating props, rifles, flags, and sabers. It interprets recorded music and is designed to move forms around the floor to create artistic and expressive efforts. Colorguard is the fall component of the year-long course, and practices with Concert Band. District Pay to Play fee is necessary for participation.

INDEPENDENT STUDY IN MUSIC - BAND

6710Y (6710 A & B)

Grade: 10-12 Level: N/A Credit: .5 - 1

Prerequisite: Instructor approval

The music class is offered one or both semesters to students that wish to receive advanced instruction on instrumental music through their instrument. Students work independently during the class period on goals set forth by the instructor and student.

FINE ARTS - CHOIR

Select Choirs are by audition only except for Choir I.

CHOIR I (Non--Varsity)

9 th	6807Y (6807 A&B)
10 th	6817Y (6817 A & B)
11 th	6827Y (6827 A & B)
12 th	6837Y (6837 A & B)

Grade: 9-12 Level: N/A Credit: 1

Prerequisite: None

This course provides beginning instruction in the care, development and management of the voice for students who have not previously been in choir and/or need additional foundational choral skills. In addition, it provides emphasis on the development of music-reading skills, vocal techniques, music history, and a survey of recorded choral and Broadway performances. District Pay to Play fee is not necessary for participation.

FUNDAMENTAL CHOIR I (Non-Varsity)

9 th	6807Y (6807 A & B)
10 th	6817Y (6817 A & B)
11 th	6827Y (6827 A & B)
12 th	6837Y (6837 A & B)

Grade: 9-12 Level: N/A Credit: 1

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Choir I curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives. District Pay to Play fee is not necessary for participation.

TREBLE CHOIR (Junior-Varsity Women)

9 th	6801Y (6801 A & B)
10 th	6811Y (6811 A & B)
11 th	6821Y (6821 A & B)
12 th	6831Y (6831 A & B)

Grade: 9-12 Level: N/A Credit: 1

Prerequisite: None

This course provides instruction in the care, development, and management of the voice. In addition, it provides emphasis on the development of music-reading skills and vocal techniques for those wishing to advance to Varsity Choirs. Performances: concerts, festivals, competitions, and spring choir trip. Participation in all choral performances required. District Pay to Play fee is necessary for participation. Uniform rental (\$50) and contest fees (varied) required. Female voices only.

CONCERT CHOIR (Junior-Varsity)

9th 6806Y (6806 A & B)
10th 6816Y (6816 A & B)
11th 6826Y (6826 A & B)
12th 6836Y (6836 A & B)

Grade: 9-12 Level: N/A Credit: 1

Prerequisite: None

This course provides instruction in the care, development, and management of the voice. In addition, it provides emphasis on the development of music-reading skills and vocal techniques for those wishing to advance to Varsity Choirs. Performances: concerts, festivals, competitions, and spring choir trip. Participation in all choral performances required. District Pay to Play fee is necessary for participation. Uniform rental (\$50) and contest fees (varied) required. Mixed voices (men and women).

SELECT WOMEN'S CHOIR

9th 6802Y (6802 A & B)
10th 6812Y (6812 A & B)
11th 6822Y (6822 A & B)
12th 6832Y (6832 A & B)

Grade: 9-12 Level: N/A Credit: 1

Prerequisite: auditions in spring; previous choral experience

A Varsity Treble Choir. A course which develops mastery of vocal skills and techniques used in performing more challenging treble choir music from various periods and styles. Performances: concerts, festivals, competitions, and spring choir trip. Private voice lessons strongly encouraged. Participation in all choral performances required. Participation in the TMEA All-State Choir Contest and the UIL Solo & Ensemble Contest is required. District Pay to Play fee is necessary for participation. Uniform rental (\$50) and contest fees (varied) required. Female voices only.

BRAVA! (SHOW CHOIR)

9th 6808Y (6808 A & B)
10th 6818Y (6818 A & B)
11th 6828Y (6828 A & B)
12th 6838Y (6838 A & B)

Grade: 9-12 Level: N/A Credit: .5

Prerequisite: Auditions in spring; previous choral experience

This is a premier group of auditioned singers at CHS. Their focus is performing pop, jazz, and show music with an emphasis on independent singing, dancing, and group choreography. Performances: community events, competitions, festivals, concerts, shows, spring trip. Participation in all choral performances required. Outside of class rehearsals (up to 2 days per week) and purchase of some uniform items required. Private Voice Lessons expected. Participation in the TMEA All-State Choir Contest and the UIL Solo & Ensemble Contest is required. District Pay to Play fee is necessary for participation. Uniform rental (\$50) and contest fees (varied) required. For female voices.

"VIVACE!" (SHOW CHOIR)

9th 6805Y (6805 A & B)
10th 6815Y (6815 A & B)
11th 6825Y (6825 A & B)
12th 6835Y (6835 A & B)

Grade: 9-12 Level: N/A Credit: .5

Prerequisite: Auditions in spring; previous choral experience

This is a premier group of auditioned singers selected during open auditions at CHS. Their focus is performing pop, jazz, and show music with an emphasis on independent singing, dancing, and group choreography. Annual productions: Dessert Show and Spring Show. Performances: community events, competitions, festivals, concerts, shows, spring trip. Participation in all choral performances required. Outside of class rehearsals (3 days per week) and purchase of some uniform items required. Private Voice Lessons and Summer Show Choir Camp expected. Participation in the TMEA All-State Choir Contest and the UIL Solo & Ensemble Contest is required. District Pay to Play fee is necessary for participation. Uniform rental (\$50) and contest fees (varied) required. For both male and female voices.

BEL CANTO

10th 6819Y (6808 A & B)
11th 6829Y (6818 A & B)
12th 6839Y (6828 A & B)

Grade: 10-12 Level: N/A Credit: .5

Prerequisite: Auditions in spring; previous choral experience

This is a premier group at CHS. Their focus is on independent singing in Renaissance Period Chamber style. Annual Competition: Madrigal Festival. Performances: community events, competitions, festivals, concerts, shows, spring trip. Participation in all choral performances required. Outside of class rehearsal (up to 2 days per week) and purchase of some uniform items required. Private Voice Lessons and All-State Camp expected. Participation in the TMEA All-State Choir Contest and the UIL Solo & Ensemble Contest is required. District Pay to Play fee is necessary for participation. Uniform rental (\$50) and contest fees required (varied). For female voices.

MADRIGAL SINGERS

10th 6804Y (6804 A&B)
11th 6814Y (6814 A & B)
12th 6824Y (6824 A & B)

Grade: 10-12 Level: N/A Credit: .5

Prerequisite: Auditions in spring; previous choral experience

This is a premier group selected from open auditions at CHS. Their focus is on independent singing in Renaissance Period Chamber style. Costuming and theatrics involved. Annual Production: Madrigal Feast. Annual Competition: Madrigal Festival. Performances: community events, competitions, festivals, concerts, shows, spring trip. Participation in all choral performances required. Outside of class rehearsal (3 days per week) and purchase of some uniform items required. Private Voice Lessons and All-State Camp expected. Participation in the TMEA All-State Choir Contest and the UIL Solo & Ensemble Contest is required. District Pay to Play fee is necessary for participation. Uniform rental (\$50) and contest fees (varied) required. For both male and female voices.

INDEPENDENT STUDY IN MUSIC - CHOIR

6862Y (6862 A & B)

Grade: 10-12 Level: N/A Credit: .5 - 1

Prerequisite: Instructor approval

The music class is offered one or both semesters to students that wish to receive advanced instruction on vocal music. Students work independently during the class period on goals set forth by the instructor and student.

FINE ARTS – MUSIC THEORY

AP MUSIC THEORY I

6861Y (6861 A & B)

Grade: 10-12 Level: 4 Credit: 1

Prerequisite: Previous high school music course experience and instructor approval

This course serves as an introduction to the many aspects of Music Theory, including harmonic analysis, figured bass, part-writing, sight-singing, ear training, and intro to composition.

AP MUSIC THEORY II

6862Y (6862 A & B)

Grade: 10-12 Level: 4 Credit: 1

Prerequisite: Music Theory I

This course serves as a continuation of Music Theory I AP, including utilizing basic pitch and rhythmic notation, scale structures, intervals, chord structures and movement, harmonic analysis and figured bass, simple part writing and ear training. See instructor for more information.

FINE ARTS - DANCE

Dance will count as a waiver for PE for graduation if needed.

Dance I

6901Y (6901 A & B)

Dance II

6902Y (6902 A & B)

Dance III

6903Y (6903 A & B)

Dance IV

6904Y (6904 A & B)

Grade: 9-12 Level: N/A Credit: 1

Prerequisite: None

This course provides the experience of dance in its many forms, fostering an understanding and appreciation for the art form. Styles studied include, but are not limited to ballet, jazz, hip hop, and world dance. Workout attire is expected for daily participation, but there is no standard uniform for purchase. All dance classes and levels are a fine arts credit.

FINE ARTS - THEATER ARTS

THEATRE ARTS I

6511Y (6511 A & B)

Grade: 9-12 Level: 2 Credit: 1

Prerequisite: None

This course offers basics in Theatre skills, such as acting, characterization, history, some technical, and jargon. Students are required to attend school plays.

FUNDAMENTAL THEATRE ARTS I

6511Y (6511 A & B)

Grade: 9-12 Level: 1 Credit: 1

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Theatre Arts I curriculum. Instruction is according to Individualized Education Program (IEP) objectives. Students are required to attend school plays.

TAKE ONE – FRESHMAN PRODUCTION CLASS

6501Y (6501 A & B)

Grade: 9 Level: 2 Credit: 1

Prerequisite: Audition Required

This audition only class is built to offer the serious incoming freshmen student the opportunity to build upon the foundation they've established in theatre or film prior to entering High School. The course will be taught at an advanced pace and focus on higher level application of acting and directing principles. The course will meet the TEKs and Texas State fine arts requirement, but will be taught at an accelerated level. Work will include the production of a class play, competition monologues and scene work, film, TV and radio creations. Students will also finish the class equipped with an understanding and competency in the use of many technical elements of theatre used at the High School level. The class is entered only via audition and instructor approval. Students will be required to see school Theatre productions and work on a minimal amount of the backstage elements of these shows.

THEATER II

6521Y (6521 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Take One or Theatre I

THEATER III

6531Y (6531 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Theatre Arts II or permission by Instructor

THEATER IV

6541Y (6541 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Theatre Arts II or permission by Instructor

This course extends on the skills learned in previous Theatre classes with an emphasis on advanced acting skills and scenes. Theatre II students will focus on modern acting problems as they relate to both comedy and drama. Theatre III/IV students will work on advanced acting, directing, and technical opportunities within the Theatre. Students are required to attend all school plays and put in a minimal amount of required time working on the backstage elements of our school productions.

FUNDAMENTAL THEATRE ARTS II

6521Y (6521 A & B)

Grade: 10-12 Level: 1 Credit: 1

Prerequisite: Theater Arts I, ARD committee recommendation

The subject content will parallel the general education Theatre Arts II curriculum. Instruction is according to Individualized Education Program (IEP) objectives. Students are required to attend all school plays and put in a minimal amount of required time working on the backstage elements of our school productions.

STUDIO PREMIERE

6542Y (6542 A & B)

THEATRE III

6531Y (6531 A & B)

THEATRE IV

6541Y (6541 A & B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Audition Required/Theatre II

This audition only class is an advanced class aimed at preparing students for the next level. Special acting and directing topics will be addressed such as working with classical and avant-garde Theatre styles. The class will also include work on musical theatre and auditioning techniques. This class will be limited to a select group of upper classmen that have demonstrated a serious interest and dedication to the performing arts. Consideration for entry to the class will be given to students planning to pursue other fine arts in their college studies. Students will be required to attend all school plays and put in a minimal amount of required time working on the backstage elements of our school productions.

TECHNICAL THEATRE ARTS

I 6551Y (6551 A & B)

II 6561Y (6561 A & B)

III 6571Y (6571 A & B)

IV 6581Y (6581 A & B)

Grade: 9-12 Level: 2 Credit: 1

Prerequisite: None

This course teaches basic technical skills of the Theatre such as set building, sound and light skills, and production. Students are required to work on school plays. This class may fulfill a student's Fine Arts credit.

FUNDAMENTAL TECHNICAL THEATRE ARTS I

6551Y (6551 A & B)

Grade: 10-12 Level: 1 Credit: 1

Prerequisite: Instructor approval – due to use of tools and machinery, ARD committee recommendation

The subject content will parallel the general education Theatre Arts curriculum. Instruction is according to Individualized Education Program (IEP) objectives. Students are required to work on school plays.

HEALTH / PE / ATHLETICS

TEEN LEADERSHIP I

7504

Grade: 9 **Level: 2** **Credit: .5**

Prerequisite: None

Teen Leadership assists students with the transition from middle school to high school. The course helps students develop their self-confidence and leadership skills, as well as techniques, skills, and principles for use in their professional and personal development. Students have the opportunity to learn how to speak and present their ideas to make a difference. In becoming global leaders, they work with a diverse group of people in discussion, planning, and action! As students go through this growth process, they develop an understanding of how their thoughts, words, and actions play a major role in the development of relationships in their community and world. They will embrace a positive, family-oriented atmosphere through consistent teambuilding and open communication.

FUNDAMENTAL TEEN LEADERSHIP

7504

Grade: 9 **Level: 1** **Credit: .5**

Prerequisite: ARD committee recommendation

The subject matter will parallel the general education Teen Leadership curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

TEEN LEADERSHIP II

8214Y (8214 A & B)

Grade: 10-12 **Level: 1** **Credit: .5 - 1**

This course extends on the principles developed in Teen Leadership I with an emphasis on teambuilding, social and leadership skills, and Service Learning. In becoming global leaders through personal and professional development, students will work with a diverse group of people in discussion, planning, and action. Students will have the opportunity to learn how to speak and present their ideas to make a difference. They will also serve CHS by partnering with administration and other school organizations in their efforts to fulfill its strategic plan and mission.

TEEN LEADERSHIP/HEALTH

8000Y (8000 A & B)

Grade: 9 **Level: 2** **Credit: 1**

Prerequisite: None

Teen Leadership assists students with the transition from middle school to high school. The course, integrated with health, helps students develop their self-confidence and leadership skills, as well as techniques, skills, and principles for use in their professional and personal development. It is a course of discussion, planning, doing, and action! Students have the opportunity to learn how to speak and present their ideas to make a difference. In becoming global leaders, they work with a diverse group of people. As students go through this growth process they develop an understanding how their growth, thoughts, words, and actions play a major role in the development of relationships in their community and world.

FUNDAMENTAL TEEN LEADERSHIP/HEALTH

8000Y (8000 A & B)

Grade: 9 **Level: 1** **Credit: 1**

Prerequisite: ARD committee recommendation

The subject matter will parallel the general education Teen Leadership/Health curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

HEALTH EDUCATION

5010

Grade: 9-12 **Level: 2** **Credit: .5**

Prerequisite: None

This course provides studies in mental, physical, and emotional health, personality, substance abuse, body systems, infectious and non-infectious diseases, STD's, human reproduction, nutrition and physical fitness, safety and first aid.

FUNDAMENTAL HEALTH EDUCATION

5010

Grade: 9-12 **Level: 1** **Credit: .5**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Health Education curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

APPLIED HEALTH EDUCATION

8932

Grade: 9-12 **Level: 1** **Credit: 1 Local**

Prerequisite: ARD committee recommendation This course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on basic hygiene, self-care and personal safety.

SPORTS MEDICINE

7407Y (7407 A & B)

Grades: 9-12 **Level: 2** **Credit: 1**

Prerequisites: None

This class will serve as an introduction for students that have an interest in athletic training, sports medicine or physical therapy. Some of the topics covered will be an overview of the profession of athletic training, basic anatomy and basic exercise physiology, injury recognition and prevention and, rehabilitation, protective taping and bracing and CPR/First Aid. Students will have an opportunity to practice all skills through practical laboratory sessions. **Does not meet PE requirements.**

ATHLETIC TRAINER JV/V

5202Y (5202 A & B)

Grade: 10-12 **Level: N/A** **Credit: .5 - 1**

Prerequisite: Application

This is a course for students that are interested in a career in Sports Medicine or Physical Therapy. **Grading for this class is based on attending required practices 2 hours before or after school and scheduled athletic events.** Students will provide leadership in maintaining the training room, scheduling, and peer mentoring to underclassmen in our program. They will be expected to master advanced competencies of Athletic Training.

FOUNDATIONS OF PERSONAL FITNESS

5102

Grade: 9-12 **Level: N/A** **Credit: .5**

Prerequisite: None

This course is required for students entering high school prior to the fall of 2010. This is a fitness course based on an understanding of the physiological factors involved in exercise that incorporate muscular strength and endurance, flexibility, and cardiovascular endurance. Students will actively participate to reinforce knowledge for lifetime fitness. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

FUNDAMENTAL FOUNDATIONS OF PERSONAL FITNESS

5102

Grade: 9-12 **Level: N/A** **Credit: .5**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Foundations of Personal Fitness curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

PEER TUTOR: P.E. PARTNERS

5602Y (5602 A&B)

Grade: 9-12 **Level: N/A** **Credit: .5-1**

Prerequisite: Application and teacher approval

This course is designed to provide a success-oriented physical education program utilizing supervised peer tutors and individualized learning and instruction.

The focus of the course is to encourage physical activity, increase knowledge of health and fitness strategies, and assist in the acquisition of individual lifetime recreation activities and /or skills associated with team sports. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

PE Partners are paired with students who have special needs to achieve success, improve social skills, and build self-esteem.

INDIVIDUAL SPORTS

5103

Grade: 9-12 **Level: N/A** **Credit: .5**

Prerequisite: None

This course broadens the appreciation of and the ability to participate in lifetime sports. Selections may include the following sports or a combination of sports: tennis, golf, weight lifting, aerobics, table tennis, badminton, and recreational games. Physical fitness will also be included. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

FUNDAMENTAL INDIVIDUAL SPORTS

5103

Grade: 9-12 **Level: N/A** **Credit: .5**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Individual Sports curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

TEAM SPORTS

5104

Grade: 9-12 **Level: N/A** **Credit: .5**

Prerequisite: None

Extends and reinforces the development of skills, increases knowledge, and builds positive attitudes in team sports. Selections may include the following sports or a combination of the following: basketball, flag football, softball, volleyball, team handball, soccer, flicker ball. Physical fitness will also be included. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

FUNDAMENTAL TEAM SPORTS

5104

Grade: 9-12 **Level: N/A** **Credit: .5**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Team Sports curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

AEROBIC ACTIVITIES I

5101A

Grade: 9-12 **Level: N/A** **Credit: .5**

Prerequisite: None

Aerobics will help students understand the different types of aerobic activities and how they can enrich their lives. Emphasis will be on heart monitoring, cardiovascular and muscular endurance, coordination, flexibility, and an increased level of fitness. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

AEROBIC ACTIVITIES II

5101

Grade: 9-12 **Level: N/A** **Credit: .5**

Prerequisite: Aerobic Activities I

This class will continue with aerobics activities. New aerobic formats will be introduced, including but not limited to kick boxing, Pilates, and Step Aerobics. Individual fitness plan design will be included in this course. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

FUNDAMENTAL AEROBIC ACTIVITIES

5101 A & B

Grade: 9-12 **Level: N/A** **Credit: .5-1.0**

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Aerobic Activities curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

BOYS WEIGHT TRAINING

5105

Grade: 10-12 Level: N/A Credit: .5

Prerequisite: Must have completed PE requirements for graduation.

This is a course that will combine multiple aspects of muscular strength and conditioning. Over the course of the semester, the students will learn how to use weights and fitness to control their bodies. The students will be taught the basic components of a weight-training program. Advanced lifting techniques will be introduced for those students interested in Power Lifts and Olympic lifts. Comprehensive Fitness and Lifelong Learning will also be a point of emphasis as students will be capable of designing programs consistent with their current developmental stage. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

GIRLS WEIGHT TRAINING

5105

Grade: 10-12 Level: N/A Credit: .5

Prerequisite: Must have completed PE requirements for graduation.

This is a course that will combine multiple aspects of muscular strength and conditioning specifically for girls. Over the course of the semester, the students will learn how to use weights and fitness to control their bodies. The students will be taught the basic components of a weight-training program. Advanced lifting techniques will be introduced. Comprehensive Fitness and Lifelong Learning will also be a point of emphasis as students will be capable of designing programs consistent with their current developmental stage. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

SELF DEFENSE FOR GIRLS

5025

Grade: 10-12 Level: N/A Credit: .5

Prerequisite: Must have completed PE requirements for graduation

This is an activity-based course that will help prepare students with the proper assessment, reaction and possible prevention of assault situations. Students will learn not only physical skills, but also verbal strategies and awareness skills. These practical techniques are derived from multiple resources and will primarily use large motor skills in their application. Activities will require students to analyze and evaluate personal fitness status in terms of muscular strength, muscular endurance and flexibility. Students will gauge their personal skills and set reasonable goals for improvement during drills and simulated threatening circumstances. Learning to respond appropriately to challenges, successes, and failures will help build confidence and prepare each student for confrontational situations. **ATTIRE:** All students must have a school uniform for Physical Education classes. Approximate cost is \$25.

TABLE TENNIS

5809

Grade 10-12 Level: N/A Credit: .5

Prerequisite: Must have completed PE requirements for graduation.

This course will expand on the various aspects of the sport of Ping Pong that were introduced in Individual Sports. Advanced rules and techniques will be taught. The students will play in both league format and tournament play. Game settings that promote lifetime fitness will be emphasized.

OUTDOOR ADVENTURES I

5100

Grade: 11-12 Level: N/A Credit: .5

Prerequisite: None

The Texas Parks and Wildlife Department developed the Outdoor Education course to enhance and educate students in outdoor activities and wildlife conservation. The curriculum includes: The Texas parks and Wildlife Department's Hunter Education, Boater Education and Angler Education courses, American Heart Association First Aid/CPR training, wilderness survival, trip planning, wildlife conservation, camping, backpacking, orienteering, archery and tackle crafts. Emphasis is placed on ethics, safety, conservation, laws, responsibilities, physical fitness and selecting activities that can be enjoyed for a lifetime. A class fee (\$25) is charged for class consumables. If you wish to get your optional Hunter Certification you can do so for \$15.

FUNDAMENTAL ADVENTURE/OUTDOOR EDUCATION I

5100

Grade: 11-12 Level: N/A Credit: .5

Prerequisite: ARD committee recommendation

The subject content will parallel the general education Adventure/Outdoor Education curriculum. Instruction is according to the Individualized Education Plan (IEP) objectives.

OUTDOOR ADVENTURES II – WILDLIFE MANAGEMENT

5029

Grade: 11-12 Level: N/A Credit: .5

Prerequisite: Outdoor Adventures

Students will take their skills learned in Outdoor Adventures and apply them to a more advanced level. Topics will include how hunting and conservation affects the quality of the environment, how wildlife management works and the steps needed for a successful program. Students will further enhance their skills in archery, fishing, orienteering and camping. A class fee (\$25) is charged for class consumables. **This class does not count for an additional PE credit.**

PE EQUIVALENT COURSES

The Texas Administrative Code lists physical activities which may be awarded as PE substitutions. These activities are not State Board of Education-approved courses and do not have TEKS. These activities are as follows:

- Silver Stars (fall/spring semesters)
- Lariettes (fall semester only)
- Cheerleading (fall semester only)
- Athletics (fall/spring semesters)

Upon completion of each semester's participation in one of these activities, the student is awarded a PE equivalency credit.

JV DRILL TEAM (SILVER STARS)

5241Y (5241 A & B)

Grade: 9-10 **Level: N/A** **Credit: 1**

Prerequisite: Audition

This class is designed as a preparation for drill team. The team meets during a period within the school day as well as during the summer. Performances are part of the graded curriculum. District Pay to Play fee is necessary for participation. Students will receive PE credit for this class.

VARSITY DRILL TEAM (LARIETTES)

1st Year: 5242Y (5242 A & B)

2nd Year: 5243Y (5243 A & B)

3rd Year: 5244Y (5244 A & B)

Grade: 10-12 **Level: N/A** **Credit: 1**

Prerequisite: One audition in spring. Previous dance experience encouraged.

The Lariettes Drill Team meets during a period within the school day as well as before school and during the summer. Specific guidelines to qualify are available at the time of tryouts. PE credit is given during the fall semester only. Fine Art credit is given during the spring semester. One District Pay to Play fee is necessary for participation.

DRILL TEAM OFFICERS

5245 A & B

Grade: 11-12 **Level: N/A** **Credit: .5 - 1**

Prerequisite: Teacher Approval

This class is a Fine Arts Credit.

CHEERLEADING

5238Y (5238 A & B) 9th Grade

5239Y (5239 A & B) JV

5240Y (5240 A & B) Varsity

Grade: 9-12 **Level: N/A** **Credit: 1**

Prerequisite: Tryout; Instructor approval

(PE credit given for fall only; local credit given for spring.)

Cheerleaders meet during a period within the school day. Additional practice time outside the school day and during summer will be required. Guidelines relative to participation are available at tryout time. District Pay to Play fee is necessary for participation.

ATHLETICS

Grade: 9-12

Level: N/A

Credit: .5 - 1

Prerequisite: Interest, ability and coach approval

The following sports are offered as competitive athletics and are governed by the rules and regulations of the UIL and local CISD policies. Athletics may count in lieu of PE as required for graduation. (After two credits, athletics becomes a local credit.) Some sports (football, tennis and cross country) require participation to begin prior to the first day of school. The student is responsible for contacting the coach for the beginning dates of these sports.

Fall Semester = Foundations of Personal Fitness

Spring Semester = Team Sports

Note: District Pay to Play fee is necessary for participation.

5204Y (5204 A & B)

5205Y (5205 A & B)

5206Y (5206 A & B)

5207Y (5207 A & B)

5208Y (5208 A & B)

5209Y (5209 A & B)

5210Y (5210 A & B)

5211Y (5211 A & B)

5213Y (5213 A & B)

5214Y (5214 A & B)

5215Y (5215 A & B)

5216Y (5216 A & B)

5217Y (5217 A & B)

5218Y (5218 A & B)

5219Y (5219 A & B)

5220Y (5220 A & B)

5221Y (5221 A & B)

5222Y (5222 A & B)

5223Y (5223 A & B)

5224Y (5224 A & B)

5225Y (5225 A & B)

5226Y (5226 A & B)

5227Y (5227 A & B)

5229Y (5229 A & B)

5230/5231

5230/5232

5233Y (5233 A & B)

5234Y (5234 A & B)

5246Y (5246 A & B)

5235Y (5235 A & B)

5236Y (5236 A & B)

5237Y (5237 A & B)

9th Baseball

JV/V Baseball

9th Boys Basketball

9th Girls Basketball

JV/V Boys Basketball

JV/V Girls Basketball

Cross Country

9th Football

JV/V Football

Boys Golf

Girls Golf

9th Boys Soccer

9th Girls Soccer

JV/V Boys Soccer

JV/V Girls Soccer

JV2 Softball

JV/V Softball

Swimming-Diving

JV Swimming

V Swimming

JV2 Tennis

Tennis Prep

JV1 Tennis

V Tennis

Boys Track

Girls Track

9th Volleyball

JV/V Volleyball

9th Boys Wrestling

JV Boys Wrestling

V Boys Wrestling

Girls Wrestling

OFF CAMPUS P.E.

Category I Olympic level participation

5001Y (5001 A & B) 1st Period

5007Y (5007 A & B) 7th Period

Category II Highly intense, competitive performance outside the regular school day

5008Y (5008 A & B) Zero Period

Grade: 9-12 Level: N/A Credit: .5-1

Prerequisite: Approval Required

Guidelines and applications may be found at <http://www.coppellisd.com/15172082155718607/site/default.asp>. The student is responsible for returning all application forms, etc. The student will be responsible for grade reporting each six weeks.

PE WAIVER

PE substitutions may be awarded for successful completion of certain courses based on the physical activity in the courses. TEKS for these courses may be found at:

<http://www.tea.state.tx.us/rules/tac/index.html>. Approved courses for PE substitutions are as follows:

Band I – IV (fall semester only)

Dance I – IV

Two or three credit career and technical education work-based training courses **for credits earned prior to the fall of 2010**

Upon completion of one of these courses, a student earns the appropriate credit (e.g., fine arts, career and technical education), and the PE credit is waived.

LANGUAGES OTHER THAN ENGLISH (LOTE)

Due to the sequential dependence of learning in a foreign language, students should pass each semester before continuing to the next section.

Students graduating on the Recommended High School Program must successfully complete levels 1 and 2 of the same language. Students working to graduate under the Distinguished Achievement Program must successfully complete levels 1, 2, and 3 of the same language. A student cannot combine different levels from different languages nor combine non-consecutive levels of the same language to meet the requirement.

PRE-AP FRENCH I

6113Y (6113 A & B)

Grade: 9-12 **Level: 3** **Credit: 1**

Prerequisite: None

The content of the course concentrates on speaking and understanding simple non-technical sentences, and writing and reading with an emphasis on simple grammar patterns and topical vocabulary in the language. Basic cultural customs and differences will be introduced. Beginner oral proficiency level.

What's next? Pre-AP French II

PRE-AP FRENCH II

6123Y (6123 A & B)

Grade: 9-12 **Level: 3** **Credit: 1**

Prerequisite: French I or Pre-AP French I

This Pre-Advanced Placement (Pre-AP) course is designed to prepare students for Advanced Placement (AP) French courses. The content will be instructed with additional emphasis placed on the development of critical-thinking skills. This course is designed for students with advanced language skills who desire a more in-depth curriculum with stronger emphasis on oral proficiency and language skills for their level of study.

What's next? Pre-AP French III

PRE-AP FRENCH III

6133Y (6133 A & B)

Grade: 9-12 **Level: 3** **Credit: 1**

Prerequisite: French II or Pre-AP French II

This Pre-AP course is designed to prepare students for entry into AP French Language and/or the continued the study of language in college. The content will be instructed with additional emphasis placed on the development of critical-thinking skills. This course is recommended for students who have taken Pre-AP French II or exceeded expectations in French II and have advanced language skills due to previous instruction, background, or experience.

What's next? AP French Language

AP FRENCH LANGUAGE

6161Y (6161 A & B)

Grade: 9-12 **Level: 4** **Credit: 1**

Prerequisite: French III or Pre-AP French III

These Advanced Placement courses meet the requirements of a college course and are offered to students who wish to prepare for the Advanced Placement exam. The class places a strong emphasis on fluency and accuracy in all linguistic skills. Study sessions will be offered after school during the second semester to prepare for the exam in May. This course is recommended for students who have taken Pre-AP French III.

PRE-AP CHINESE I

6305Y (6305 A & B)

Grade: 9-12 **Level: 3** **Credit: 1**

Prerequisite: None

The content of the course concentrates on speaking and understanding simple non-technical sentences, and writing and reading with an emphasis on simple grammar patterns and topical vocabulary in the language. Basic cultural customs and differences will be introduced. AP standards and expectations will be introduced.

What's next? Pre-AP Chinese II

PRE-AP CHINESE II

6306Y (6306 A & B)

Grade: 9-12 **Level: 3** **Credit: 1**

Prerequisite: Chinese I or Pre-AP Chinese I

This Pre-AP course is designed to prepare students for entry into AP Chinese Language. The content will be instructed with additional emphasis placed on the development of critical-thinking skills and the expanded use of reading and writing skills. This course is recommended for students who have exceeded expectations in Chinese I and have advanced language skills due to previous instruction, background, or experience.

What's next? Pre-AP Chinese III

PRE-AP CHINESE III

6307Y (6304 A & B)

Grade: 9-12 **Level: 3** **Credit: 1**

Prerequisite: Chinese II or Pre-AP Chinese II

This Pre-AP course is designed to prepare students for entry into AP Chinese Language and/or the continued the study of language in college. The content will be instructed with additional emphasis placed on the development of critical-thinking skills. This course is recommended for students who have exceeded expectations in Chinese II and have advanced language skills due to previous instruction, background, or experience.

PRE-AP LATIN I

6251Y (6251 A & B)

Grade: 9-12 **Level: 3** **Credit: 1**

Prerequisite: None

The content of the course concentrates on understanding simple non-technical sentences, and writing and reading with an emphasis on simple grammar patterns and topical vocabulary in the language. The cultural emphasis will include Pompeii, Roman Britain and archaeology.

What's next? Pre-AP Latin II

PRE-AP LATIN II

6265Y (6265 A & B)

Grade: 9-12 Level: 3 Credit: 1

Prerequisite: Latin I or Pre-AP Latin I

The content will be instructed with additional emphasis placed on the development of critical-thinking skills and the expanded use of reading and writing skills, including scansion. Students read more difficult selections than in the first year. Writing skills for AP free-response questions will be developed. Cultural emphasis is placed on Roman Britain, government and topography.

What's next? Pre-AP Latin III

PRE-AP LATIN III

6271Y (6271 A & B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Latin II or Pre-AP Latin II

This Pre-AP course is designed to prepare students for entry into AP Latin, including the writing skills needed on the AP free-response questions. The content will be instructed with additional emphasis placed on the development of critical-thinking skills and the expanded use of reading and writing skills, including scansion. Students read more difficult selections, including poetry. The cultural content emphasizes the lives of writers.

What's next? AP Latin

AP LATIN

6281Y (6281 A & B)

Grade: 11-12 Level: 4 Credit: 1

Prerequisite: Latin III or Pre-AP Latin III

The content will be instructed with additional emphasis placed on the development of critical-thinking skills and the expanded use of reading and writing skills, including scansion. Students read either Vergil's *Aenied* or Catullus with Cicero/Horace/Ovid. Writing skills for AP free-response questions will be further developed. Cultural emphasis is placed on lives of writers.

SPANISH I

6011Y (6011 A & B)

Grade: 9-12 Level: 2 Credit: 1

Prerequisite: None

The content of the course concentrates on speaking and understanding simple non-technical sentences, and writing and reading with an emphasis on simple grammar patterns and topical vocabulary in the language. Basic cultural customs and differences will be introduced. Beginner oral proficiency level.

What's next? Spanish II

FUNDAMENTAL SPANISH I

6011Y (6011 A & B)

Grade: 9-12 Level: 1 Credit: 1

Prerequisite: ARD Committee Recommendation

The subject content will parallel the general education Spanish I curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

PRE-AP SPANISH I

6013Y (6013 A & B)

Grade: 9-12 Level: 3 Credit: 1

Prerequisite: None

The content of the course, while addressing the same basic curriculum as Spanish I, will be instructed with additional emphasis on the development of critical-thinking skills to strengthen oral proficiency. This is an excellent course for students desiring an in depth study of Spanish and a strong foundation for Pre-AP Spanish II.

What's next? Pre-AP Spanish II

SPANISH II

6021Y (6021 A & B)

Grade: 9-12 Level: 2 Credit: 1

Prerequisite: Spanish I

The content of the course will expand the use of the skills of listening, speaking, reading, and writing. The instruction in grammar and vocabulary is designed to enable students to read more difficult selections and prepare controlled composition. Oral proficiency demands increase. Cross-cultural studies are interfaced with the course.

What's next? Spanish III

FUNDAMENTAL SPANISH II

6021Y (6021 A & B)

Grade: 9-12 Level: 1 Credit: 1

Prerequisite: Spanish I, ARD Committee Recommendation

The subject content will parallel the general education Spanish II curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

PRE-AP SPANISH II

6023Y (6023 A & B)

Grade: 9-12 Level: 3 Credit: 1

Prerequisite: Spanish I or Pre-AP Spanish I

This Pre-AP course is designed to prepare students for AP Spanish courses. The content will be instructed with additional emphasis placed on the development of critical-thinking skills and the expanded use of reading and writing skills. This course is designed for students with advanced language skills who desire a more in-depth curriculum with stronger emphasis on oral proficiency and language skills for their level of study. This course is recommended for students who have taken Pre-AP Spanish I or exceeded expectations in Spanish I and have advanced language skills due to previous instruction, background, or experience.

What's next? Pre-AP Spanish III

SPANISH III

6031Y (6031 A & B)

Grade: 9-12 Level: 2 Credit: 1

Prerequisite: Spanish II

At this level, students integrate grammar and vocabulary learned in levels one and two in order to produce written and spoken language at the intermediate proficiency level. This is a rigorous course designed to meet the expectations of the DAP diploma program.

What's next: Pre-AP Advanced Spanish Conversation and Grammar

PRE-AP SPANISH III

6033Y (6033 A & B)

Grade: 9-12 Level: 3 Credit: 1

Prerequisite: Spanish II or Pre-AP Spanish II

This Pre-AP course is designed to prepare students for AP Spanish Language and/or the continued the study of language in college. The content will be instructed with additional emphasis placed on the development of critical-thinking skills and the expanded use of reading and writing skills. This course is recommended for students who have taken Pre-AP Spanish II or exceeded expectations in Spanish II and have advanced language skills due to previous instruction, background, or experience.

What's next: AP Spanish Language or Pre-AP Advanced Spanish Conversation and Grammar

PRE-AP ADV SPANISH CONVERSATION & GRAMMAR

6041Y (6041 A & B)

Grade: 9-12 Level: 3 Credit: 1

Prerequisite: Spanish III or Pre-AP Spanish III

This course is designed to prepare students for AP Spanish Language as well as offer students who have completed AP Spanish Language a class in which they can maintain their proficiency. The course focuses on conversational vocabulary, an overview of grammar topics, a variety of authentic readings and a deeper understanding of Hispanic culture through internet activities and presentations.

What's next: AP Spanish Language

AP SPANISH LANGUAGE

6051Y (6051 A & B)

Grade: 9-12 Level: 4 Credit: 1

Prerequisite: Spanish III, Pre-AP Spanish III, Adv Spanish Conversation and Grammar

This Advanced Placement course meets the requirements of a college course and is offered to students who wish to prepare for the Advanced Placement Spanish Language exam. The class places a strong emphasis on fluency and accuracy in all linguistic skills as well as synthesis skills of reading and audio sources.

What's next? AP Spanish Literature or Pre AP Adv Spanish Conversation and Grammar

AP SPANISH LITERATURE

6052Y (6052 A & B)

Grade: 9-12 Level: 4 Credit: 1

Prerequisite: AP Spanish Language

This Advanced Placement course meets the requirements of a college course and is offered to students who wish to prepare for the Advanced Placement Spanish Literature exam. This class places a strong emphasis on fluency and interpretation of Spanish literature, with a reading list of 32 Hispanic authors.

SPANISH I FOR NATIVE SPEAKERS

6011A

Grade: 9-12 Level: 2 Credit: 1

Prerequisite: None

The content of the course is designed to meet the needs of native Spanish speakers and accelerate the program so it is completed in one semester. Focus will be given to writing, reading and language skills.

What's next? Spanish II for Native Speakers

SPANISH II FOR NATIVE SPEAKERS

6021B

Grade: 9-12 Level: 2 Credit: 1

Prerequisite: Spanish I for Native Speakers

The content of the course is designed to meet the needs of native Spanish speakers and accelerate the program so it is completed in one semester. Focus will be given to writing, reading and language skills.

What's next? Spanish III Pre-AP

INTERNATIONAL BACCALAUREATE (IB) DIPLOMA

IB ENGLISH I

1910Y (1910 A & B)

Grade 11 **Level: 4** **Credit: 1**

Prerequisite: None; requires participation in IB diploma program

This course is year one of the two year IB English sequence. Both years must be completed. This course is focused on the examination of diverse pieces of literature. The course focuses on developing skills of literary criticism and analysis by treating literary works as products of art and their authors as craftsmen whose methods of production can be analyzed in a variety of ways and on a number of levels. This is achieved through the emphasis placed on exploring the means used by different authors to convey their subjects in the works studied. It is further reinforced by the comparative framework emphasized for the study of works in all parts of the IB program. As part of this course students complete the IB internal assessment components of an oral presentation and oral commentary on literature.

IB ENGLISH II

1920Y (1920 A & B)

Grade 12 **Level: 4** **Credit: 1**

Prerequisite: Completion of IB English 1

This course is year two of the two year IB English sequence. Like IB English 1, this course is focused on the examination of diverse pieces of literature. However, this course is primarily focused on world literature including literature originally written in a language other than English to build understanding of cultures and how translations affect meaning. The course continues the focus on developing skills of literary criticism and analysis. This is achieved through the emphasis placed on exploring the means used by different authors to convey their subjects in the works studied. Connections across other disciplines such as History and Second Language will be highlighted. Completion of this course is intended as preparation for the IB written examinations in English HL.

IB ADVANCED SPANISH I

6080Y (6080 A & B)

Grade 11 **Level: 4** **Credit: 1**

Prerequisite: None; requires participation in IB diploma program

This course is year one of the two year IB Advanced Spanish sequence. Both years must be completed. This course is intended for a language learner with at least two or three years of Spanish experience. Students are exposed to an in-depth curriculum with emphasis on critical thinking skills, speaking, writing, listening and reading. Spanish texts will be chosen to reinforce these skills, build cultural awareness, and an appreciation of how culture affects language. As part of this course students begin working on the IB internal assessment components of an oral presentations and group activities in Spanish.

IB ADVANCED SPANISH II

6085Y (6085 A & B)

Grade 12 **Level: 4** **Credit: 1**

Prerequisite: Completion of IB Advanced Spanish 1

This course is year two of the two year IB Advanced Spanish sequence. Like in IB Advanced Spanish 1, students enrolled in this course are exposed to an in-depth curriculum with emphasis on critical thinking skills, speaking, writing, listening and reading. Elements of Spanish literature become more prevalent in the process of reinforcing language skills, building cultural awareness, and an appreciating the nature of languages and cultures. As part of this course students complete work on the IB internal assessment components of an oral presentations and group activities in Spanish. Completion of this course is intended as preparation for the IB written examinations in Spanish HL, but students may choose to examine in Spanish SL.

IB SPANISH AB INITIO I

6060Y (6060 A & B)

Grade 11 **Level: 4** **Credit: 1**

Prerequisite: None; requires participation in IB diploma program

This course is year one of the two year IB Spanish ab initio sequence. Both years must be completed. The Spanish ab initio course is a language learning course for beginners, designed to be followed over two years by students who have no previous experience of learning Spanish. The main focus of the course is on the acquisition of Spanish language required for purposes and situations usual in everyday social interaction. A focus on the relationship of language, customs, and cultures is stressed.

IB SPANISH AB INITIO II

6065Y (6065 A & B)

Grade 12 **Level: 4** **Credit: 1**

Prerequisite: Completion of IB Spanish ab initio 1

This course is year two of the two year IB Spanish ab initio sequence. This course builds on the foundation built by the ab initio Spanish 1 course. The focus of the course continues to be on the acquisition of Spanish language required for purposes and situations usual in everyday social interaction and on the relationship of Spanish language and Spanish cultures. As part of this course students complete work on the IB internal assessment components of an oral presentations and group activities in Spanish. Completion of this course is intended as preparation for the IB written examinations in Spanish ab initio SL.

IB MANDARIN AB INITIO I

6090Y (6090 A & B)

Grade 11 **Level: 4** **Credit: 1**

Prerequisite: None; requires participation in IB diploma program

This course is year one of the two year IB Spanish ab initio sequence. Both years must be completed. The Spanish ab initio course is a language learning course for beginners, designed to be followed over two years by students who have no previous experience of learning Spanish. The main focus of the course is on the acquisition of Spanish language required for purposes and situations usual in everyday social interaction. A focus on the relationship of language, customs, and cultures is stressed.

IB HISTORY OF THE AMERICAS I

4910Y (4910 A & B)

Grade 11

Level: 4

Credit: 1

Prerequisite: None; requires participation in IB diploma program

This course is year one of the two year IB History of the Americas sequence. Both years must be completed. This course focuses on an in-depth examination of the history of the United States, Canada, and Latin America from the colonial period to the present. It will also include a beginning treatment of 20th century world history topics. Student completing this course will receive US History credit. Focuses on development of intensive reading, writing, and research skills. As part of this course students begin working on the IB internal assessment component of a historical investigation on a chosen topic.

IB HISTORY OF THE AMERICAS II

4920Y (4920 A & B)

Grade 12

Level: 4

Credit: 1

Prerequisite: Completion of IB History of the Americas 1

This course is year two of the two year IB History of the Americas sequence. Building on the foundation of the nature of nations and their histories gained in year one, this course focuses on the relationship of the Americas to the world in the 20th century. The course focuses on the role of the nations during World War I, World War II, and the Cold War. This course will also contain instruction in the remaining elements of government study, with government credit given upon completion of this course. As part of this course, students complete work on the IB internal assessment component of a historical investigation on a chosen topic. Completion of this course is intended as preparation for the IB written examinations in History of the Americas HL.

IB ECONOMICS

4990Y (4990 A & B)

Grade 11-12

Level: 4

Credit: 1

Prerequisite: None; requires participation in IB diploma program

This course will cover the fundamental concepts of economics. This includes key concepts studied in Microeconomics, Macroeconomics, and International Trade. The challenges and problems confronting developing countries will also be examined. The focus of the course is to explain economic phenomena through the use of diagrams, data analysis and the evaluation of economic material. It is intended to make students aware of the role of economics in real-world situations. As part of this course, students complete work on the IB internal assessment component of written commentaries on economics periodical literature. Completion of this course is intended as preparation for the IB written examinations in Economics SL.

IB CHEMISTRY I

3930Y (3930 A & B)

Grade 11

Level: 4

Credit: 1

Prerequisite: None; requires participation in IB diploma program

This course is year one of the two year IB Chemistry sequence. Both years must be completed. As an IB science, this course strives to combine academic rigor with the gaining of practical investigative skills. The topics of the course will include making measurements considering uncertainties, data processing, atomic structure, periodicity, bonding, quantitative chemistry, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction and an introduction to organic chemistry. As part of this course, students complete work on the IB internal assessment component of practical laboratory work and the written reports thereof.

IB CHEMISTRY II

3935Y (3935 A & B)

Grade 12

Level: 4

Credit: 1

Prerequisite: Completion of IB Chemistry 1

This course is year two of the two year IB Chemistry sequence. This course will revisit, in more depth, material in the core areas of atomic structure, periodicity, bonding, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction, and organic chemistry. The topics of modern analytical chemistry and medicines and drugs will also be examined. As part of this course, students complete work on the IB internal assessment component of practical laboratory work and the written reports thereof in addition to a collaborative project with students in other year two IB sciences. Completion of this course is intended as preparation for the IB written examinations in Chemistry SL.

IB PHYSICS I

3940Y (3940 A & B)

Grade 11

Level: 4

Credit: 1

Prerequisite: None; requires participation in IB diploma program

This course is year one of the two year IB Physics SL sequence. Both years must be completed. As an IB science, this course strives to combine academic rigor with the acquisition of practical investigative skills. Physics is the study of matter and energy and their interactions in the universe. The focus of this course is to provide students with a general survey of the physical laws pertaining to classical Newtonian mechanics, wave motion and interference, electromagnetism. Groundwork will be laid for year two physics topics such as quantum mechanics, Einsteinian relativity, and the further optional topics (Astrophysics and Energy, Power, and Climate Change). As part of this course, students complete work on the IB internal assessment component of practical laboratory work and the written reports thereof.

IB PHYSICS II

3945Y (3945 A & B)

Grade 12 **Level: 4** **Credit: 1**

Prerequisite: Completion of IB Physics 1

This course is year two of the two year IB Physics SL sequence. This course builds on the concepts of year one and continues the study of matter and energy and their interactions in the universe. Topics for this year of the course include electromagnetic waves (including light), astrophysics (including cosmology) and Energy, Power, and Change. As part of this course, students complete work on the IB internal assessment component of practical laboratory work and the written reports thereof in addition to a collaborative project with students in other year two IB sciences. Completion of this course is intended as preparation for the IB written examinations in Physics SL.

IB BIOLOGY I

3910Y (3910 A & B)

Grade 11 **Level: 4** **Credit: 1**

Prerequisite: None; requires participation in IB diploma program

This course is year one of the two year IB Biology sequence. Both years must be completed. As an IB science, this course strives to combine academic rigor with the gaining of practical investigative skills. The course topics covered in year one will include statistics, chemistry of life, cell structure and function, photosynthesis and respiration, DNA and protein synthesis, Mendelian genetics, mitosis and meiosis, evolution, and ecology. Biotechnology will also be examined. As part of this course, students complete work on the IB internal assessment component of practical laboratory work and the written reports thereof.

IB ENVIRONMENTAL SYSTEMS AND SOCIETIES

3950Y (3950 A & B)

Grade 11-12 **Level: 4** **Credit: 1**

Prerequisite: None; requires participation in IB diploma program

As an IB science, this course strives to combine academic rigor with the acquisition of practical investigative skills. The prime intent of this course is to provide students with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face. Topics in the course include ecosystems, natural resources, conservation and biodiversity, and pollution management. As part of this course, students complete work on the IB internal assessment component of practical laboratory work and the written reports thereof. Completion of this course is intended as preparation for the IB written examinations in Environmental Systems and Societies SL.

IB DESIGN TECHNOLOGY I

3960Y (3960 A & B)

Grade 11 **Level: 4** **Credit: 1**

Prerequisite: None; requires participation in IB diploma program

This course is year one of the two year IB Design Technology sequence. Both years must be completed. As an IB science, this course strives to combine academic rigor with the acquisition of practical investigative skills. The course topics in this year of the course will include the design process, materials selection, and product innovation, development, and design. Evaluation of the design process will be stressed as well as concepts of "green design." As part of this course, students work on the IB internal assessment component of practical laboratory work and the written reports thereof as well as a beginning work on a personal design project.

IB ADVANCED MATH I

2930Y (2930 A & B)

Grade 11 **Level: 4** **Credit: 1**

Prerequisite: None; requires participation in IB diploma program

This course is year one of the two year IB Advanced Math sequence. Both years must be completed. Students should have a good background and/or strong interest in mathematics and be competent in a range of analytical and technical skills. The majority of these students will be expecting to include mathematics as a component in their university studies, either as a subject in its own right or within math driven fields like physics and engineering or fields where conceptual understanding of math is important like business and psychology. Topics in this course will range from advanced algebra to pre-calculus to statistics. As part of this course, students begin work on the IB internal assessment components of math modeling and math investigation projects.

IB ADVANCED MATH II

2940Y (2940 A & B)

Grade 12 **Level: 4** **Credit: 1**

Prerequisite: Completion of IB Advanced Math 1

This course is year two of the two year IB Advanced Math sequence. Students should have a good background and/or strong interest in mathematics and be competent in a range of analytical and technical skills. The majority of these students will be expecting to include mathematics as a component in their university studies, either as a subject in its own right or within math driven fields like physics and engineering or fields where conceptual understanding of math is important like business and psychology. Topics in this course will range from pre-calculus to statistics to calculus. As part of this course, students complete work on the IB internal assessment components of math modeling and math investigation projects. Completion of this course is intended as preparation for the IB written examinations in Math HL, though some students may choose to examine in Math SL.

IB MATH STUDIES

2910Y (2910 A & B)

Grade 11-12

Level: 4

Credit: 1

Prerequisite: Algebra II, participation in IB diploma program

It caters to students with varied backgrounds and abilities. More specifically, it is designed to build confidence and encourage an appreciation of mathematics in students who do not anticipate a need for mathematics in their future studies. Students taking this course need to be already equipped with fundamental skills and a rudimentary knowledge of basic processes. The course covers the application of mathematics through common real-world occurrences and to topics that relate to home, work and leisure situations. As part of this course, students complete work on the IB internal assessment component of math investigation projects. Completion of this course is intended as preparation for the IB written examinations in Math Studies SL.

IB VISUAL ARTS I

6370Y (6370 A & B)

Grade 11-12

Level: 4

Credit: 1

Prerequisite: None; requires participation in IB diploma program

The focus of the IB Visual Arts course is to explore visual arts in a variety of cultural contexts in order to foster appreciation and understanding of diverse world cultures and traditions. The student will develop an understanding of art through research in the Investigation Workbook; production of art in a variety of media; and evaluation of past, present and emerging art works in their historical and cultural milieu. The course begins with teacher-structured activities to provide basic skills, gradually turning over the responsibility for learning and activities to the student. Once in the course, students will choose to focus on either research or art production to guide their studies. As part of this course, students work on the IB internal assessment component of the art investigation workbook. Students may choose to be examined after this course in Visual Arts SL or continue on to IB Visual Arts 2.

IB VISUAL ARTS II

6380Y (6380 A & B)

Grade 12

Level: 4

Credit: 1

Prerequisite: Completion of Visual Arts 1

This course builds on and extends the exploration of visual arts in a variety of cultural contexts in order to foster appreciation and understanding of diverse world cultures and traditions. The majority of the time will be devoted to personalized independent study in art topics to build up the investigation workbook. As part of this course, students must complete the IB internal assessment component of the art investigation workbook. Students may choose to be examined after this course in Visual Arts HL though some may choose Visual Arts SL.

IB FILM I

6550Y (6550 A & B)

Grade 11-12

Level: 4

Credit: 1

Prerequisite: None; requires participation in IB diploma program

In IB Film, students will learn the creative, analytical and production skills necessary to make films and express themselves in film language. This includes a study of the history of film as well as a detailed study of film sequences usage of observation skills and critical analysis skills. Students will study screenplays and character, production design, and film history from a world cinema perspective. As part of this course, students must complete the IB internal assessment component of a documentary film production including planning and reflection. Students may choose to be examined after this course in Film SL or continue on to IB Film 2.

INNOVATIVE AND ADDITIONAL COURSE OFFERINGS

ACADEMIC DECATHLON

4700Y (4700 A&B)

Grade: 9-12 Level: 4 Credit: 1

Prerequisite: Selection by instructor to AcDec study team

This course provides students with in-class preparation time for Academic Decathlon competition – a nationwide competition that occurs in the spring. The course provides a systematic preparation of each student for participation in the ten decathlon events: science, social studies, economics, mathematics, art, music, language and literature, essay, interview, speech, and super quiz (which is either science of social studies). Nine members of the class will be chosen to be part of the competitive team. The other members will play a supportive role.

ACADEMIC OCTATHLON

4701Y (4701 A&B)

Grade: 9-10 Level: 3 Credit: 1

Prerequisite: Selection by instructor to Octathlon study team

This course provides students with in-class preparation time for Academic Octathlon competition, a nationwide competition that occurs in the spring, through a systematic preparation of each student for participation in the octathlon events: science, social studies, economics, mathematics, art, music, language and literature, and super quiz. Nine members of the class will be chosen to be part of the competitive team. The other members will play a supportive role. The class also serves as a preparation for future competition in Academic Decathlon.

STUDENT LEADERSHIP

8100Y (8100 A&B)

Grade: 10-12 Level: N/A Credit: .5 - 1

Prerequisite: Student Council Sponsor's approval

This course provides an opportunity to study, practice, and develop group and individual leadership and organizational skills. These skills include, but are not limited to the following: decision making, problem solving techniques, communication, leadership roles, human relations, and understanding the need for civic responsibility.

OFFICE/COUNSELING AIDE

8101

Grade: 12 Level: N/A Credit: .5 Local

A student may only register for one semester.

This course requires a student to be in good standing with attendance and discipline. The student must be self-motivated, responsible, and trustworthy. Responsibilities include delivering passes, sorting mail, alphabetizing and sorting various materials, delivering packages, etc. Aides are expected to stay in their assigned areas. Aides will also serve as tour guides to new students.

INDEPENDENT STUDY IN ENGLISH: LIBRARY

ASSISTANT

1900Y (1900 A & B)

Grade: 11-12 Level: 2 Credit: .5-1

Prerequisite: Librarian approval

The course is designed to help students learn about the resources of the Library Media Center (LMC) and to acquire skills in applying this knowledge. Assisting LMC patrons, locating information, and public relations skills for serving patrons will be emphasized. Students will gain some business etiquette, computer, and research skills, and a working knowledge of the LMC.

OCCUPATIONAL PREP

8943Y (8943 A & B)

Grade: 9-12 Level: 1 Credit: .5-1 Local

Prerequisite: ARD Committee Recommendation

The course prepares students to enter the job market through a study of employment issues including specific job skills, the application and interviewing process, identifying barriers to employment, individual attributes that enhance employability, ways to locate jobs and maintain successful job experiences. Students will explore issues relating to safety, understanding job responsibilities, time management, task commitment and organizational skills. Students are introduced to the skills needed to live and thrive as independent community members. These skills include staying healthy and safe, managing money, living independently and accessing community resources.

Community-Based Vocational Education (CBVE) delivers vocational education to students in typical community work settings rather than conventional school environments. Students engage in vocational exploration, assessment, and training experiences to assist in identifying career interests, assessing skills and training needs and developing the skills and attitudes necessary for paid, long-term employment.

PERSONAL AND ACADEMIC GROWTH

8953

Grade: 9-12 Level: 1 Credit: .5- 1 Local

Prerequisite: ARD Committee Recommendation

Course is designed to follow the individualized educational plan developed by the Admission, Review and Dismissal (ARD) committee. The focus is on managing behavior effectively to allow academic success. Students learn basic self-control and self-advocacy skills.

**CTE COURSES APPROVED FOR DAP MEASURES
AND/OR TECHNOLOGY REQUIREMENTS**

Course Number	Last Offered	Current Course Name	Previous Course Names	DAP Credit	Technology Credit	Speech Credit Beginning 2010-2011
1572		Yearbook I		X*		
1573		Yearbook II		X*		
1574		Yearbook III		X*		
1590		Audio/Video Production I-KCBY	Media Technology I – KCBY	X	X	X
1591		Advanced Audio/Video Production I-KCBY	Media Technology	X	X	
1592	09-10	Media Technology III-KCBY		X		
1594		Audio/Video Production I-KCBY - Espanol	Media Technology I – KCBY	X	X	X
7000	08-09		Accounting I	X		
7001	07-08		Accounting II	X		
7002	07-08		Financial Recordkeeping	X		
7003		Business Information Management this course doesn't receive DAP credit if taken in 8 th grade	BCIS	X	X	X
7010 7017		Marketing Dynamics (Work Based) Marketing Dynamics (Non-Work-Based)	Marketing Dynamics	X		X
7014		Practicum In Marketing Management	Marketing Management	X		
7050	07-08		Entrepreneurship			
7100	07-08		Communication Graphics		X	
7101		Digital Graphics and Animation	Digital Graphic / Animation (CTE)	X	X	X
7102		Digital And Interactive Media	Multimedia	X	X	
7103	08-09		Video Tech – KCBY		X	
7104		Web Technologies	Web Design	X	X	X
7106		Desktop Publishing – Yearbook	Desktop Publishing – Yearbook		X	
7107		Desktop Publishing - Newspaper	Desktop Publishing - Newspaper		X	
7109		Advanced Digital Media		X		
7200	09-10	Computer Programming	Busi. Computer Programming	X	X	

☑ Technology credit

👍 Tech Prep credit

Course Number	Last Offered	Current Course Name	Previous Course Names	DAP Credit	Technology Credit	Speech Credit Beginning 2010-2011
7201		Pre-AP Computer Science	Computer Science I	X	X	X
7203		AP Computer Science	Computer Science AP I	X	X	
7205		Ind. Study in Tech (Computer Sci)				
7236		Interior Design	Interior and Environmental Design	X		X
7305	07-08		Tech Systems		X	
7306	09-10	Excite I: Introduction to Engineering				X
7380		Introduction to Engineering and Technology	Explore Engineering		X	
7381		Excite III: Engineering Systems		X		
7383	09-10	Varsity Engineering Competitions	Excite V – Solar Car	X		
7400		Anatomy & Physiology	Anatomy & Physiology	X		
7401		Health Science (HST I)	Health Science Technology I	X	X*	X
7402		Practicum in Health Science (HST II)	Health Science Technology II	X	X*	
7405		Medical Terminology	Medical Terminology	X		
7406		Pathophysiology	Pathophysiology	X		
7500		Principles of Education and Training		X [∞]		
7501		Technology Integration in Education		X	X	
7502	08-09		Prep for Parenting			
7503		Practicum In Education And Training I	Ready, Set, Teach I	X		X
7506	07-08		Advanced Foods			
7507		Practicum In Education And Training II	Ready, Set, Teach II	X		
7517	08-09		Hotel & Restaurant Management	X		

*Starting in the fall of 2010

∞no longer a DAP measure starting in the fall of 2010

☑ Technology credit

👍 Tech Prep credit

CAREER AND TECHNOLOGY EDUCATION



Welcome to **AchieveTexas** which is an educational initiative designed to prepare students for a lifetime of success. It allows students to achieve excellence by preparing them for secondary and postsecondary opportunities, career preparation and advancement, meaningful work, and active citizenship.

AchieveTexas is designed to help students (and their parents) make wise education choices. It is based on the belief that the curricula of the 21st century should combine rigorous academics with relevant career education. When schools integrate academic and technical education, students can see the “usefulness” of what they are learning. The system also facilitates a seamless transition from secondary to postsecondary opportunities. More information available at www.achievetexas.org

This initiative uses the sixteen federally defined Career Clusters of the States’ Career Clusters initiative (www.careerclusters.org) as the foundation for restructuring how schools arrange their instructional programs. A Career Cluster is a grouping of occupations and broad industries based on commonalities. The sixteen Career Clusters provide an organizing tool for schools, small learning communities, academies, and magnet schools. Career Pathway programs of study (POS) have been developed for each of the Career Clusters. The POS represent a recommended sequence of coursework based on a student’s interest or career goal.

Agriculture, Food & Natural Resources	Architecture & Construction	Arts, A/V Technology & Communications	Business, Management & Administration
Education & Training	Finance	Government & Public Administration	Health Science
Hospitality & Tourism	Human Services	Information Technology	Law, Public Safety, Corrections & Security
Manufacturing	Marketing, Sales & Service	Science, Technology, Engineering & Mathematics	Transportation, Distribution & Logistics



This coherent sequence specializes in designing, producing, exhibiting, performing, writing, publishing multimedia content, including visual and performing arts and design, journalism, and entertainment services.

Below are charts showing the recommended sequence of courses to guide your planning.

DIGITAL GRAPHICS

Principles of Art A/V, Technology & Communication	
Digital Graphics & Animation	
Digital and Interactive Media	
Adv. Digital Graphics & Animation	Web Technologies

KCBY

Principles of Art, A/V, Technology & Communication/Journalism A	
IB Film	A/V Productions KCBY I (.5 - Speech Credit)
Advanced A/V Productions KCBY II	
A/V Production Studio KCBY III	

NEWSPAPER

Journalism	Photo Journalism (Film or Digital)
Newspaper I	
Newspaper II	
Newspaper III	

YEARBOOK

Journalism	Photo Journalism (Film or Digital)
Yearbook I	
Yearbook II	
Yearbook III	

PRINCIPLES OF ARTS, A/V TECHNOLOGY & COMMUNICATION

1550

Grades: 9-11 Level: 2 Credit: .5

Prerequisite: None

Interested in a career in media? Then take this course to gain a foundation in audio visual technology and communication. Learn how to be a critical view, producer and consumer of media texts. In this class, students will develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities. This class serves as a prerequisite for the on-campus television program KCBY-TV and Digital Graphics. (This one semester course should be taken in addition to Journalism A for KCBY.)

DIGITAL GRAPHICS AND ANIMATION

7101Y (7101 A & B)

Grades: 10-11 Level: 2 Credit: 1.5

Prerequisite: None

Do you want to make cool posters, funky animations and your very own music all using a computer? Are you interested in advancing your technology skills in the area of electronic media? If you answered yes to either of these questions, this course is for you. You will become computer literate as well as learn to use appropriate vocabulary and basic design principles. You will develop your creative and problem solving skills. You will use and create your own images. You will also learn both 2-D and 3-D animation techniques. A variety of software programs will be used from Photoshop and Flash and Sony Acid Music to free Internet programs to supplement your creativity. The class will give you a solid foundation for a career in the Arts, Audio/Visual Technology and Communications industry. C & T Digital Graphics and Animation will open your imagination and give you productive and entertaining skills to use the rest of your life. **Digital Graphics and Animation students will earn an additional .5 Professional Communication credit which satisfies the Speech requirement for graduation within the curriculum of the course.**

DIGITAL AND INTERACTIVE MEDIA

7102Y (7102 A & B)

Grades: 11-12 Level: 2 Credit: 1

Prerequisite: None

Students interested in working with computers to create multimedia presentations and animations using their creative talent will enjoy Digital and Interactive Media. Digital and Interactive Media focuses on the use of technology to create multimedia publications and animations using creative student talent. Multimedia focuses on the use of technology to create animations using Flash, capture video using Premiere, and the ability to manipulate photos using Photoshop. Learn to edit video with Premiere and how to create images, logos, and advertisements with Photoshop. In Digital and Interactive Media, students will be exposed to the use of graphic tablets, digital cameras, and digital video cameras. Students will be able to develop the skills needed for industry-standard software. Let your creativity come to life when you take this course.

FUNDAMENTAL DIGITAL AND INTERACTIVE MEDIA

7102Y (7102 A & B)

Grades: 11-12 Level: 2 Credit: 1

Prerequisite: None

The subject content will parallel the general education Digital and Interactive Media curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.


ADVANCED DIGITAL GRAPHICS AND ANIMATION

7109Y (7109 A & B)

Grades: 12 Level: 2 Credit: 1

Prerequisite: CTE Digital Graphics and Animation, Multimedia or Art II Digital/Animations

Was your last digital graphics class the best class ever? Are you just waiting to apply your skills to something 'real people' will see and use? Are you overflowing with creative ideas and need access to the software to make them happen? Advanced Digital media will let you broaden and explore new techniques and skills in digital graphics, animation and video production. You will then get real world experience by utilizing these talents to complete requests from Coppell businesses/charities and/or the CHS administration/staff to design logos, flyers, posters, t-shirt designs, etc.

 Technology credit

 Tech Prep credit

WEB TECHNOLOGIES

7104Y (7104 A & B)

Grades: 9-12 Level: 2 Credit: 1.5

Prerequisite: Multimedia, CTE Digital Graphics or BCIS

This course provides students with the fundamentals of creating personal web pages. Over the course of the year, students will learn HTML coding, apply appropriate design, layout and copyright practices, create and use DreamWeaver, CSS, JavaScript and Php/SQL web pages and even simulate a real-life web programming experience by constructing a website in small groups and teams. Students will also have the opportunity to learn about the hardware, software, and connectivity of networks associated with the World Wide Web. They will use digital cameras, graphics software and scanners to create web page graphics. And they will use the Internet as a research tool. Various types of software will be utilized. **Web Technologies students will earn an additional .5 Professional Communication credit which satisfies the Speech requirement for graduation within the curriculum of the course. This class will only be offered as an evening course.**

DIGITAL PHOTOGRAPHY I

1564 A

Grade: 9-12 Level: 2 Credits: .5

Prerequisite: None

This class is an introductory level course to Digital Photography and photographic storytelling. The purpose of the course is to familiarize students interested in digital photography with the basic operations of a digital camera, as well as, with how to effectively take photographs, upload and professionally manage them, and create a work flow environment for editing and printing. Students will be taught about basic composition, color theory, lighting, and , as well as, the skill set specific to digital photography such as manipulating, softening, and blending. A print portfolio of work will be completed by the end of the semester to show the work achieved during the semester. Students MUST provide their own 35mm Digital SLR Camera with flash unit, rechargeable batteries, a 1GB memory card, and an uploading cord or memory card reader. A lab fee of no more than \$25 is required.

BLACK AND WHITE FILM PHOTOJOURNALISM

1564B

Grades: 9 – 12 Level: 2 Credits: .5

Prerequisite: None

This class is an introductory level course in Black and White FILM photography and photo storytelling. The purpose of the course is to familiarize students interested in photography with all operations of the camera and the basic knowledge of shooting photos, developing film, and printing and manipulating photographic images in a darkroom setting. Applications of exposure control, flash use, composition and editing will be used. A print portfolio of work will be completed by the end of the semester to show the work achieved. Students MUST supply their own 35mm FILM camera to participate. A lab fee of no more than \$25 is required.

JOURNALISM

1570Y (1570 A & B)

Grade: 9-12 Level: 2 Credit: .5-1

Prerequisite: None

In Journalism A, students will study media history, law, and ethics and the principles of reporting. Students will learn journalistic style and presenting news for a variety of audiences. In Journalism B, students will study advertising, public relations, convergence media, and page layout and design. Students will practice information gathering and presentation skills through different mediums in both semesters. Both semesters involve extensive writing and reporting. (This is **required** for students wishing to enroll in The Sidekick newspaper. Media Technology 1-KC BY sequence should take Journalism A in conjunction with **Principles of Arts, AV Technology and Communication.**

YEARBOOK I

1572Y (1572 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Film Photography, Digital Photography I, Digital Graphics and Animation, or Journalism in addition to the adviser/instructor Interview and approval.

Are you looking for a place to belong? **Join the Round-up!** Are you interested in meeting new people? **Join the Round-up!** Can you write descriptive stories? **Join the Round-Up!** Do you take amazing photographs that tell a story? Join the **Round-Up** yearbook staff and experience a class and organization like no other on campus! Round-Up staff members attend a variety of in school and out of school activities, including pep rallies, sporting events, theater performances, club meetings, school dances, class fundraisers, academic courses and more. Staff members receive hands-on training on how to use interviews, digital SLR cameras, design software, and publishing tools to create pages for a 500 page, award-winning publication in a professional and business-oriented setting. And, if you have an interest in advertising, the yearbook chooses a student-led advertising staff to handle the senior ads sold each year as well as the marketing of the yearbook to the community. Theme development, photograph composition, caption writing, copy editing, yearbook marketing and desktop publishing are all units of study. A staff field trip is taken each fall and a staff trip is taken each spring while team building activities are scheduled throughout the school year. Being a **Round-Up** staff member require extensive out of class/after-school time, and a personal digital camera is recommended. Come join the team that's in the know and on the go! **Join the Round-Up!**

YEARBOOK II

1573Y (1573 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Yearbook I and instructor approval

This course is a continuation of **YEARBOOK I**. Students enrolled in this class successfully completed their first year as Round-Up Yearbook Staff members and have been invited to continue on staff. The second year of yearbook requires students to apply the journalistic, advertising and marketing, and photojournalistic skills necessary to produce the school annual. Hands-on participation in the creation of the Round-Up, its web site, and its marketing campaign are necessary projects as is the application of theme and concept development, section development, graphic design techniques, photo editing tools, business management, public relations, and staff leadership. Students in this section of yearbook can also assume editorial/leadership roles on the Round-Up staff. Team building activities are scheduled throughout the school year. Yearbook II requires extensive out of class and after-school time, and a personal digital camera is recommended.

YEARBOOK III

1574Y (1574 A & B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Yearbook II or Desktop Publishing: Yearbook and instructor approval

This course is a continuation of **YEARBOOK II**. Students enrolled in this class successfully completed their first two years of Round-up Yearbook Staff members and have been asked to return as staff members and/or editorial leaders. Students in their third year of yearbook are expected to apply their journalistic and photojournalistic skills as well as their employability and leadership skills to produce the school's annual publication. Students will conduct interviews, shoot photographs, write stories, captions and headlines, participate in book and ad sales, participate in on and off campus activities, and much more. Decisions concerning theme and concept development, section development, visual and verbal graphic designs, photo stories, and public relations management are interwoven with staff team building, school promotion, and community service. Team building activities are scheduled throughout the school year. Personal digital camera is recommended.

DESKTOP PUBLISHING: YEARBOOK

7106Y (7106 A & B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Yearbook I and instructor approval

This class meets with Yearbook (I, II, III) and all yearbook responsibilities are expected to be met during the class, including, but not limited to copy preparation, section and page layouts, graphic design, photo editing and manipulation, illustrations and web blogging, sales, etc.


INDEPENDENT STUDY IN YEARBOOK

1575Y (1575 A & B)

Grade: 12 Level: 2 Credit: 1

Prerequisite: Yearbook I, II, & III; instructor approval

Provides advanced hands-on experience for a career in publishing.

 Technology credit

 Tech Prep credit

NEWSPAPER I

1580Y (1580 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: All positions require advisor interview in addition to Journalism (for staff writers). Digital Photography (photographers) Animation and Digital Graphics/Advanced Digital Media (graphic design), Principles of Arts, A/V Technology & Communication (convergence media) are recommended for other staff positions.

The Sidekick is the student newspaper at CHS and its staff manages www.coppellstudentmedia.com. The newspaper staff consists of staff writers, editors, photographers, advertising sales staff, graphic artists, and Web designers. In this advanced convergence journalism course, students get hands-on experience for what life is like as a college for professional journalists. The Web site is updated each school day and serves as the primary source for Sidekick staffers to present news to the campus and community. Responsibilities include reporting, writing, blogging, photography, video production, page design, business management, advertisement sales, public relations and promotions. Students wishing to pursue a degree or career in the media gain valuable experience. Assignments are deadline oriented.

NEWSPAPER II

1581Y (1581 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Newspaper I and instructor approval

This Sidekick newspaper course is a continuation of **NEWSPAPER 1**. In this advanced convergence journalism course, students get hands-on experience for what life is like as a college for professional journalist.

www.Coppellstudentmedia.com

is updated each school day and serves as the primary source for Sidekick staffers to present news to the campus and community, in addition to seven printed issues each school year. Responsibilities include reporting, writing, blogging, photography, video production, page design, graphic design, business management, advertisement sales, public relations and promotions.

NEWSPAPER III

1582Y (1582 A & B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Newspaper I and II or Newspaper 1 and Desktop Publishing and instructor approval

The Sidekick newspaper course is a continuation of **NEWSPAPER II**. In this advanced convergence journalism course, students get hands-on experience for what life is like as a college for professional journalist.

www.coppellstudentmedia.com

is updated each school day and serves as the primary source for Sidekick staffers to present news to the campus and community, in addition to seven printed issues each school year. Responsibilities include reporting, writing, blogging, photography, video production, page design, graphic design, business management, advertisement sales, public relations and promotions.

DESKTOP PUBLISHING: NEWSPAPER

7107Y (7107 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Newspaper I and instructor approval

This class meets with **NEWSPAPER (I, II, III)** and fulfills Technology Applications requirement.

INDEPENDENT STUDY IN JOURNALISM

1583Y (1583 A & B)

Prerequisite: Newspaper I & II

Provides advanced hands-on experience for a career in publishing.

AUDIO/VIDEO PRODUCTION I-KCBY

1590Y (1590 A & B)

Grade: 9-12 Level: 2 Credit: 1

Prerequisite: Application, instructor interview and one of the following:

- Principles of Arts, A/V Technology & Communication and Journalism A, or
- Digital Graphics and Animation, or
- Sports and Entertainment Marketing, or
- Recommendation of middle school media teacher due to high technical experience and responsibility.

Students apply the basics learned in the Principles class as they work in teams in the production of the campus television show. This class will train you in the editing industry leader, Final Cut Pro and allow you to play a part in the development of the campus television show, KCBY-TV. Students will also contribute videos to the convergence media project in partnership with Sidekick Online (www.coppellstudentmedia.com). You will also contribute video programming to the CISD community cable channel. KCBY has opportunities for students interested in video technology, graphic arts, marketing/advertising and business management. Students with a variety of skills are needed for this team effort so inquire, if interested. Class requires a \$25 lab fee. **KCBY I students will earn an additional .5 Professional Communication credit which satisfies the Speech requirement for graduation within the curriculum of the course.**

AUDIO/VIDEO PRODUCTION I-KCBY -

Espanol

1594Y (1594 A & B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Intro to VCP, application/instructor interview, and must pass written test in writing and verbal Spanish fluency

¿Habras español y quieres ser reportero? ¿Te interesan los medios de comunicación?

Then be a part of CHS' student-run news and entertainment show, KCBY *Español!* This show informs the student body about happenings at CHS and in the surrounding DFW metroplex while preparing students for a career in Spanish-language media. You'll work with other students in the production of a weekly show and other video projects for the school district. Hone your media production skills of filming, interviewing, and producing. Spanish fluency required as determined by fluency exam or recommendation by Spanish teacher.

KCBY I students will earn an additional .5 Professional Communication credit which satisfies the Speech requirement for graduation within the curriculum of the course.

ADVANCED AUDIO/VIDEO PRODUCTION II-KCBY

1591Y (1591 A& B)

Grade: 10-12 Level: 2 Credit: 2

Prerequisite: Audio/Video Production-KCBY I

Students will also contribute videos to the convergence media project in partnership with Sidekick Online (www.coppellstudentmedia.com). This double-blocked class offers opportunities for students interested in video technology, graphic arts, marketing/advertising and business management. Students with a variety of skills are needed for this team effort so inquire, if interested. Students in this class will work toward an editing certification in Final Cut Pro Software. Class requires a \$25 lab fee.

INTERIOR DESIGN

7236Y (7236 A & B)

Grades: 10-12 Level: 2 Credit: 1

Prerequisite: None

Interior Design is a technical course that addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Individuals use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, and compete in industry.



This coherent sequence specializes in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

FOUNDATIONS OF PERSONAL FINANCE

7023

Grade: 11-12 Level: 2 Credit: .5

Prerequisite: None

This course introduces students to the financial planning process and the components of a comprehensive financial plan. Students will learn how to prepare a financial plan that includes saving, investing, borrowing, risk management (insurance) and estate planning. Students will analyze income and taxes, and learn to use credit wisely. The class meets physically for three hours on Monday evenings and electronically through a discussion board and/or study groups at other times during the week. Some of the course concepts are taught through a project-based format.

Throughout the course students utilize 21st century technology for a variety of tasks including communication, data collection and analysis, interactive simulations and formative assessment of understanding. **EVENING CLASS MEETS MONDAY FROM 6:00 pm – 8:00 pm**

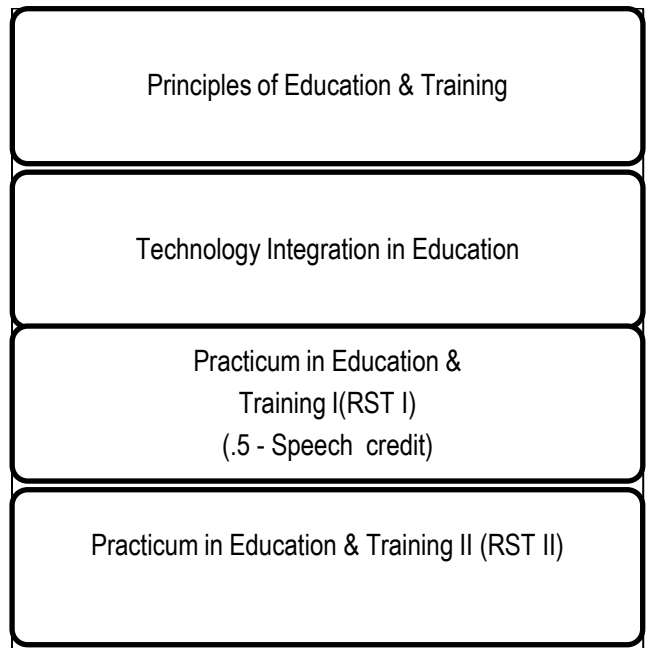
This class will only be offered as an evening course.



This coherent sequence specializes in planning, managing and providing education and training services, and related learning support services.

Below is a chart showing the recommended sequence of courses to guide your planning.

EDUCATION



PRINCIPLES OF EDUCATION AND TRAINING

7500

Grade: 9-11 Level: 2 Credit: .5

Prerequisite: None

This is a course designed to introduce students to a possible career in the field of education. Students will learn many of the aspects of teaching and working with children.

FUNDAMENTAL PRINCIPLES OF EDUCATION AND TRAINING

7500

Grade: 9-11 Level: 1 Credit: .5

Prerequisite: ARD committee recommendation

The subject matter will parallel the general education Educational Development & Careers curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

Technology credit

Tech Prep credit

TECHNOLOGY INTEGRATION IN

EDUCATION

7501Y (7501 A & B)

Grade: 9-11; 12th grade may enroll if concurrently enrolled in RST 1 or 2 Level: 2 Credit: 1

Prerequisite: None

This course is designed for students who have a desire to enter the teaching field as a career or to learn more about the creative ways that technology is integrated into education. Students will learn to use iPods, Flip Video Recorders, SmartBoards, Digital Cameras, Blogs, Wikis and Virtual Learning websites as they relate to teachers and the classroom.

PRACTICUM IN EDUCATION AND TRAINING (READY, SET, TEACH! I)

7503Y (7503 A & B)

Grades: 11-12 Level: 2 Credit: 2

Recommended: Technology Integration in Education

Prerequisite: Application/instructor approval

Students who love kids and want to explore a career in education should enroll in Ready, Set, Teach! (RST). Good grades and attendance with minimal tardiness are necessary for success in RST.

Ready, Set Teach! is a field-based internship program which provides students with background knowledge of child and adolescent development principles as well as principles of effective teaching. During the course of a week, students work under the joint direction and supervision of a high school teacher and elementary and/or middle school teachers at their field-site. This is a double block course, meaning it will take up two class periods. Students enrolled in RST are expected to be members of TAFE (Texas Association of Future Educators). One and one-half credits of physical education may be waived upon enrollment in this course.

RST I students will earn an additional .5 Professional Communication credit which satisfies the Speech requirement for graduation within the curriculum of the course.

PRACTICUM IN EDUCATION AND TRAINING II (READY, SET, TEACH! II)

7507Y (7507A & B)

Grade: 12 Level: 2 Credit: 2

Prerequisite: Ready, Set, Teach! I, application/instructor approval

Students enrolled who have completed RST and want to continue to explore a career in education should enroll in Ready, Set Teach! II. Students will continue to participate in the off-campus intern program in preparation for a career in the field of education.

SENIOR LEADERSHIP CORPS

7600Y (7600 A & B)

Grades: 12 Level: NA Credit: .5-1

Prerequisite: application and instructor approval

The seniors of Coppel High School are a valuable resource to our community. We have many talented individuals with many gifts to share. The purpose of CHS Senior Leadership Corps (SLC) is to tap into this resource and provide a whole new arena of learning for seniors through community and/or service learning. SLC will follow the service learning S.T.A.R.S guidelines of: Student Leadership; Thoughtful Service; Authentic Learning; Reflective Practice; and Strong Partnerships. The SLC member is to identify no more than TWO community organizations that could benefit from his/her gifts and volunteer their services for a minimum of 70 (approximately 3.5 hours per week) hours for the entire semester. SLC leader will complete at least 63 hours of his/her service at their choice of community organization. The remaining 7 hours will be completed at the discretion of the SLC coordinator. In addition to the hours of service, each SLC leader will keep a time log signed by organization contact and write a summary paper at the end of their service describing their experience

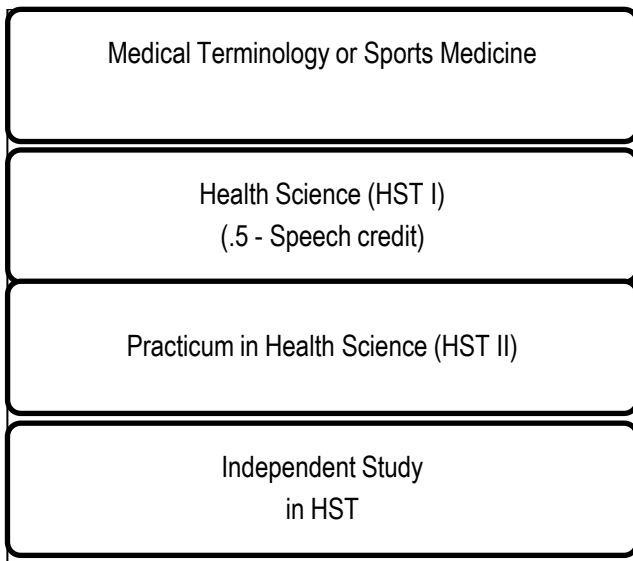
This course is for a pass/fail state credit and will not be reflected on the GPA.



This coherent sequence specializes in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Below is a chart showing the recommended sequence of courses to guide your planning.

HEALTH SCIENCE



MEDICAL TERMINOLOGY

7405

Grades: 9-12 Level: 2 Credit: .5

Prerequisites: None

A course designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes roots, and abbreviations. By relating terms to body systems, students identify proper use of words in a medical environment. Knowledge of medical terminology enhances the student's ability to successfully secure employment or pursue advanced education in health care. Articulated credit may be awarded upon successful completion of a sequence of courses.

Technology credit

Tech Prep credit

SPORTS MEDICINE

7407Y (7407 A & B)

Grades: 9-12 Level: 2 Credit: 1

Prerequisites: None

This class will serve as an introduction for students that have an interest in athletic training, sports medicine or physical therapy. Some of the topics covered will be an overview of the profession of athletic training, basic anatomy and basic exercise physiology, injury recognition and prevention and, rehabilitation, protective taping and bracing and CPR/First Aid. Students will have an opportunity to practice all skills through practical laboratory sessions.

Students interested in an educational pathway in Athletic Training should refer to the Physical Education section of the course guide for more information.

HEALTH SCIENCE (HST I)

7401Y (7401 A & B)

Grades: 10-12 Level: 2 Credit: 1

Prerequisite: concurrent enrollment or completion of Biology, 15 years of age

A course designed to develop health care specific knowledge and skills in effective communications, ethical and legal responsibilities, client care, safety, first aid, and CPR. This course prepares the student for the transition to clinical or work based experiences in health care. **Completing this course satisfies .5 health requirement. HST I students will earn an additional .5 Professional Communication credit which satisfies the Speech requirement for graduation within the curriculum of the course.**

PRACTICUM IN HEALTH SCIENCE (HST II)

7402Y (7402 A & B)

Grades: 11-12 Level: 2 Credit: 2

Prerequisite: Health Science Technology I, Biology, 16 years of age, and instructor approval

A course designed to provide for the development of multi-occupational knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies, such as pre-employment laboratory, clinical rotation, or cooperative education.

INDEPENDENT STUDY IN HEALTH SCIENCE TECHNOLOGY

7403Y (7403 A & B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Health Science Technology I, Health Science Technology II, Biology, Chemistry, 16 years of age, and instructor approval

A project-based learning experience developed by a student or group of students, teacher, and an interdisciplinary mentor team. The project provides opportunities for an in-depth study of at least one aspect of health science area. The student or group demonstrates the ability to utilize a variety of resources, advanced technology, and communication skills in the development and presentation of a project.

LIFETIME NUTRITION AND WELLNESS

7505

Grades: 9-11 Level: 2 Credit: .5

Prerequisite: None

This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness, as well as, pursue careers related to health science.

FUNDAMENTAL LIFETIME NUTRITION AND WELLNESS

7505

Grades: 9-11 Level: 1 Credit: .5

Prerequisite: ARD committee recommendation

The subject matter will parallel the general education Lifetime Nutrition and Wellness curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

ANATOMY AND PHYSIOLOGY

7400Y (7400 A & B)

Grades: 11-12 Level: 3 Credit: 1

Prerequisites: Biology and one additional science course

Students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Topics will be presented through an integration of biology, chemistry, and physics. Students in Anatomy and Physiology study the structures and functions of the human body and body systems and will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy processes. This course must include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry. **This course is state approved as a fourth year science credit required on the Recommended Graduation Plan or DAP.**

MEDICAL MICROBIOLOGY

7404

Grade: 11-12 Level: 2 Credit: .5

This course in conjunction with PATHOPHYSIOLOGY is State approved as a 4th year science credits required on the Recommended Graduation Plan.

Prerequisite: None

This lab oriented course introduces students to the relationship between microbes and human health through research opportunities and lab procedures commonly used in the study of microorganisms.

PATHOPHYSIOLOGY

7406

Grade: 11-12 Level: 2 Credit: .5

This course in conjunction with MEDICAL MICROBIOLOGY is State approved as a 4th year science credit required on the Recommended Graduation Plan.

Prerequisite: Biology and Physics or Chemistry

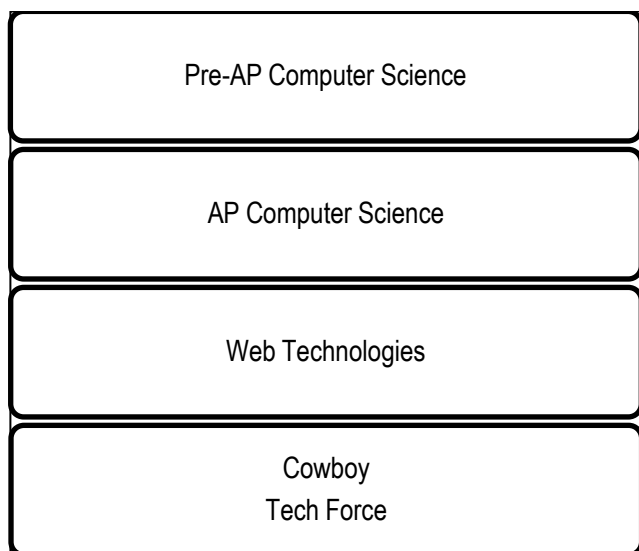
This course is designed to introduce students to the field of pathophysiology. Students investigate the process of pathogenesis, effective disease control, and a variety of human diseases. Students are expected to have good memorization and study skills as well as have an interest in science or medicine.



This coherent sequence specializes in building links in Information Technology occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services.

Below is a chart showing the recommended sequence of courses to guide your planning.

COMPUTER SCIENCE



PRE-AP COMPUTER SCIENCE

7201Y (7201 A & B)

Grades: 9-12 Level: 3 Credit: 1

Prerequisite: Concurrent Geometry

(Programming Language: Java)

This class teaches you the basic elements of how computers work and what a computer is. You will also begin creating simple programs that teach you how to read in, write out, and store all sorts of data using various programming software, such as Scratch (created by MIT), Alice (created by Carnegie Mellon), and Jeroo. You will learn syntax and good programming style by declaring classes and methods, constants and variables, and arithmetic expressions in the various packages. You will gain an understanding of the concept of an algorithm (a step-by-step sequence of instructions) and be able to implement algorithms using if-else statements and loops. You will learn the key basic OOP (Object-Oriented Programming) concepts: classes and objects, inheritance and event-driven computations. All of the above allow you to acquire basic skills in solving simple problems. There will be several other software packages used to provide the opportunity to determine if this field of study is for you. Toward the end of the course you will begin learning Java, which will prepare you to take the AP Computer Science course. **Pre-AP Computer Science students will earn an additional .5 Professional Communication credit which satisfies the Speech requirement for graduation within the curriculum of the course.**

AP COMPUTER SCIENCE

7203Y (7203 A & B)

Grades: 10-12 Level: 4 Credit: 1

Prerequisite: Pre-AP Computer Science

(Programming Language: Java)

This class will provide you the elements of computer hardware and software and their roles in a computer system at an AP level. Learn Java syntax and good programming a style by declaring classes and methods, constants and variables, and arithmetic expressions. You will gain an understanding of the concept of an algorithm (a step-by-step sequence of instructions) and be able to implement algorithms using if-else statement and loops. You will learn the key OOP (Object-Oriented Programming) concepts: classes and objects, inheritance and event-driven computations. You will also learn common sorting and searching algorithms: Sequential Search and Binary Search, and Selection Sort, Insertion Sort and Mergesort, one- and two-dimensional arrays, ArrayLists and many more. All of the above allow you to acquire skills in designing software solutions to problems from various application areas. This course will also prepare you to take the AP Computer Science exam in May. **This course also satisfies the required 4th year of mathematics when taken after Algebra II for the Recommended Graduation Plan only.**

 **WEB TECHNOLOGIES**

7104Y (7104 A & B)

Grades: 10-12 Level: 2 Credit: 1

Prerequisite: None

This course provides students with the fundamentals of creating personal web pages. Over the course of the year, students will learn HTML coding, apply appropriate design, layout and copyright practices, create and use DreamWeaver, CSS, JavaScript and Php/SQL web pages and even simulate a real-life web programming experience by constructing a website in small groups and teams. Students will also have the opportunity to learn about the hardware, software, and connectivity of networks associated with the World Wide Web. They will use digital cameras, graphics software and scanners to create web page graphics. And they will use the Internet as a research tool. Various types of software will be utilized. **Web Technologies students will earn an additional .5 Professional Communication credit which satisfies the Speech requirement for graduation within the curriculum of the course. This class will only be offered as an evening course.**

INDEPENDENT STUDY IN TECHNOLOGY

(COMPUTER SCIENCE)

7205Y (7205 A & B)

Grades: 11-12 Level: 2 Credit: 1

Prerequisites: Computer Science and instructor approval

Students will review and study an extension of topics covering Computer Science including a large project and/or extension into the depth of the AP Case Study. (Multiple programming languages will be used.)

COWBOY TECH FORCE

7208Y (7208 A & B)

Grades: 11-12 Level: 2 Credit: 1

Prerequisites: instructor approval

Cowboy Tech Force is for students interested in providing hands-on, real-life technical support.

Being a part of the Cowboy Tech Force provides students with the opportunity to advance their technical skills and abilities by performing support services such as computer maintenance, repair, and installation; printer maintenance; software installation; workstation imaging, etc. Problem solving, research, and independent activities are required.

DATABASE DESIGN AND PROGRAMMING

7291Y (7291 A&B)

Grades: 10-12 Level: 2 Credit: 1

Prerequisites: Previously passed or concurrently enrolled in Geometry

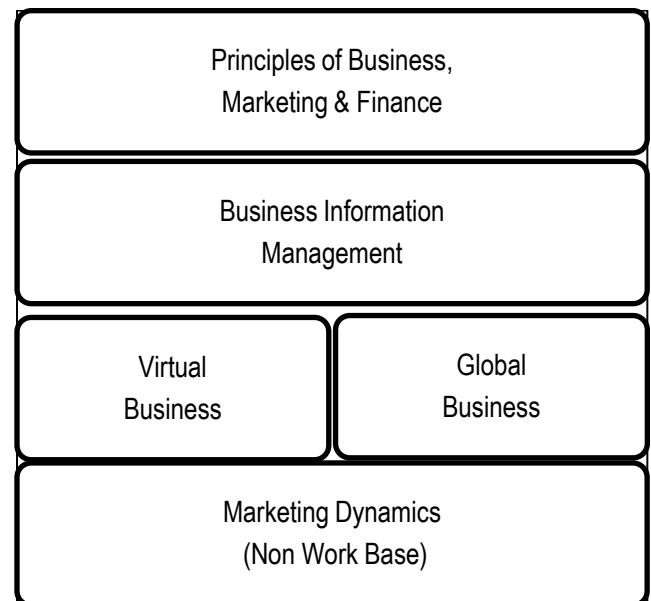
This course focuses on data modeling and effective database design. The data modeling component of the course will include an entry in Oracle's annual data modeling competition. Students will then progress into implementing their database design knowledge using the Structured Query Language (SQL), the industry-standard database programming language. Students will develop internet-based applications using Oracle's Application Express (APEX) environment. After successful completion of the course, students will be prepared to take the first half of the Oracle Certified Associate (OCA) exam. **This class will be offered as a Zero Hour Course Only.**



This coherent sequence specializes in planning, managing, and performing marketing activities to reach organizational objectives.

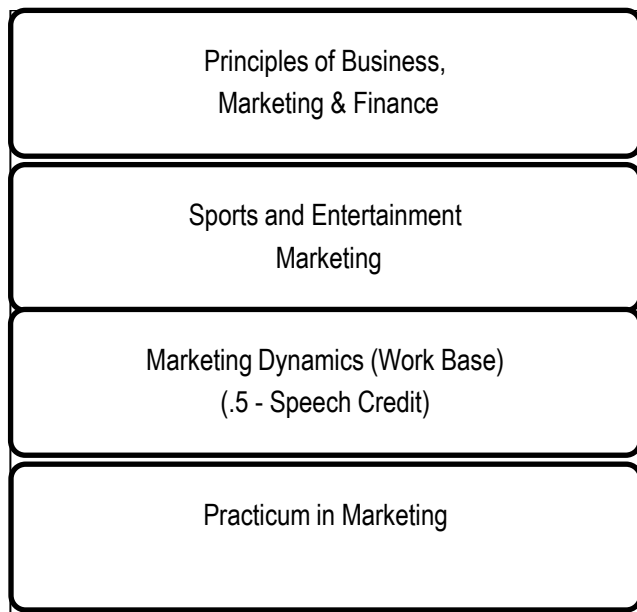
Below is a chart showing the recommended sequence of courses to guide your planning.

BUSINESS



Below is a chart showing the recommended sequence of courses to guide your planning.

MARKETING



PRINCIPLES OF BUSINESS, MARKETING & FINANCE

7601

Grades: 9-11 Level: 2 Credit: .5

Prerequisite: None

This is an introductory course designed as a portfolio-based personal development course for all students. Students will develop a systematic approach for evaluating and seeking career opportunities by discovering how personal qualities relate to successful performance.

FUNDAMENTAL PRINCIPLES OF BUSINESS, MARKETING & FINANCE

7601

Grades: 9-11 Level: 1 Credit: .5

Prerequisite: ARD committee recommendation

The subject matter will parallel the general education Principles of Business, Marketing, & Finance curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

BUSINESS INFORMATION MANAGEMENT (BCIS)

7003Y (7003 A & B)

Grades: 9-12 Level: 2 Credits: 1

Prerequisite: None

This is a project based course that prepares students with advanced technology skills. Using Microsoft Word, students will create documents in a variety of published formats. Using Microsoft Access, students will learn to create and design databases. Using Microsoft Excel, students will learn to create and design spreadsheets, charts and graphs. Using Microsoft PowerPoint, students will learn to create effective multimedia presentations, identify guidelines for using graphics, documents, presentations, and utilize the internet. Students will work in small student led groups planning a scheduling their own deadlines. Guest speakers will provide real world insight and add interest to the course.

FUNDAMENTALS OF BUSINESS INFORMATION MANAGEMENT (BCIS)

7003Y (7003 A & B)

Grades: 9-12 Level: 1 Credits: 1

Prerequisite: ARD committee recommendation

The subject matter will parallel the general education BCIS I curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.


VIRTUAL BUSINESS

7020

Grades: 10-12 Level: 2 Credit: .5

Prerequisite: None

This course incorporates a broad base of knowledge that includes the legal, managerial, marketing financial, ethical and international dimensions of business to make appropriate business decisions. Students will design a portfolio and a functional website that incorporates the essentials of a virtual business. Online virtual simulations are incorporated within this course.

 Technology credit

 Tech Prep credit

GLOBAL BUSINESS

7022

Grades: 10-12 Level: 2 Credit: .5

Prerequisite: None

Students will implement personal and interpersonal skills to strengthen individual performance in the workplace and in society, and to make a successful transition to the workforce and postsecondary education. Students apply technical skills to address global business applications of emerging technologies. Students develop a foundation in the economical, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. The student will learn the role of the international monetary system, international financial markets, global and trade investment theories and policies, and business elements of cultural challenges and diversity. Global logistics, exporting, human resources management and the implementation process of a global business will be explored.

SPORTS AND ENTERTAINMENT MARKETING

7018Y (7018 A & B)

Grades: 10-12 Level: 2 Credit: 1

Prerequisite: None

This project based course will help students develop a thorough understanding of the marketing concepts and theories that apply to sports and entertainment events. This course will cover basic marketing strategies, target marketing and segmentation, sponsorship, event marketing promotion planning and implementation, sponsorship proposals, distribution of entertainment, development and implementation of sports marketing plans, and event evaluation and management techniques. Students will also develop and fine tune their presentation and communication skills as they work on special projects with local sports & entertainment businesses such as the Dallas STARS. Students have the opportunity to network with sports industry professionals through special field trips and Sports Career Days. Students will have the opportunity to learn important leadership skills through DECA, an association of marketing students. This course requires a \$25 lab fee.


MARKETING DYNAMICS (NON-WORK BASED)

7017Y (7017 A & B)

Grades: 10-12 Level: 2 Credit: 1

Recommended Prerequisite: Principles of Business, Marketing & Finance or Sports & Entertainment Marketing

Marketing Dynamics is designed for the student that is interested in the following industries: fashion, buying/merchandising, banking, hospitality, sports & entertainment, and advertising. Students will learn how to have a competitive edge in business through market planning, pricing, advertising, selling promotion and consumer behavior. By participating in DECA, students will develop leadership, human relation, communication and networking skills. Students will also be given an opportunity at the end of the course to take the CLEP exam. This course requires a \$25 lab fee.

 Technology credit

 Tech Prep credit

MARKETING DYNAMICS (WORK BASED)

7010Y (7010 A & B Work Based Learning)

6th Period Release: 7011Y (7011 A & B)

7th Period Release: 7012Y (7012 A & B)

Grades: 11-12 Level: 2 Credit: 3

Prerequisite: application/instructor approval

Marketing Dynamics is for YOU if you want to pursue a career in the following industries: fashion, buying/merchandising, banking, hospitality, sports & entertainment, and advertising. Students will learn how to have a competitive edge in business through market planning, pricing, advertising, selling promotion and consumer behavior. Marketing Dynamics WBL students are required to work 15 hours a week in the marketing industry in a paid or nonpaid position that provides hands on experience. By participating in DECA, students will develop leadership, human relation, communication and networking skills. Students will also be given an opportunity at the end of the course to take the CLEP exam. This course requires a \$25 lab fee.

Marketing Dynamics students will earn an additional .5 Professional Communication credit which satisfies the Speech requirement for graduation within the curriculum of the course.

PRACTICUM IN MARKETING MANAGEMENT

7014Y (7014 A&B) Work Based Learning

6th Period Release: 7015Y (7015 A & B)

7th Period Release: 7016Y (7016 A & B)

Grade: 12 Level: 2 Credit: 3

Prerequisite: Marketing Dynamics and application/instructor approval

Second year marketing students interested in management should consider enrolling in Practicum for Marketing Dynamics. Through course required employment, students gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. Students will illustrate appropriate management and research skills to create the marketing mix. This course covers technology, communication, and customer-service skills. The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Students also manage the local DECA chapter and are expected to do a major project each semester. Students will also be given an opportunity at the end of the course to take the CLEP exam. This course requires a \$25 lab fee.



SCHOOL OF ENGINEERING

Coppell School of Engineering

This coherent sequence specializes in planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

Note: All School of Engineering courses have a \$25 course fee for consumable materials used in the course. All students will participate in an outside engineering activity. The outside engineering activity can be either one of the JETS Competition teams, or the CHS Science and Engineering Fair. EXCITE students and students competing on a Varsity competition team will take a one-time, online 10-hour OSHA safety course. The cost of the OSHA course is \$18. Engineering Academy students will receive credit for computer applications and communication applications (speech) credit upon completion of their third Academy course. For more information, go to www.coppellisd.com/engineering/curriculum.

ENGINEERING ACADEMY

The School of Engineering has developed the Engineering Academy to better meet the needs of our pre-college engineering students. The Academy combines a number of courses as a part of the curriculum. The schedule and curriculum is designed to allow students to gain a solid education while at the same time allowing students to learn more about engineering and engineering technologies. The Academy curriculum will cover all required material through the lens of engineering. This type of curriculum allows academy students to combine the work from several courses together. We offer Academy courses for all students. Many engineering courses have math prerequisites to better serve students and help students make sound decisions for after high school. To help choose the correct Academy course, please refer to the course selection tool at www.coppellisd.com/engineering/curriculum. Participation in the Engineering Academy will provide students with the measures necessary for Distinguished Academic Progress (DAP) graduation designation. Students wishing to join the Academy need to only sign up for the appropriate Engineering course. Counselors will adjust schedules accordingly. The Academy curriculum builds upon itself. It is important that students start in the 9th grade year. Students can join the Academy after the 9th grade year, but will have to catch up on some engineering material before the start of the year. Applications can be found online or in the counselor's office.

Please see the Engineering website (www.coppellisd.com/engineering/curriculum) showing the recommended sequence of courses to guide your planning.

ENGINEERING ACADEMY I

7300Y (7300 A & B)

Grade: 9 Level: 3 Credit: 1

Prerequisite: Algebra I; Enrollment must have instructor approval

In this first course of the Engineering Academy for the EXCITE Program (EXploring sClence, Technology & Engineering), students will learn how to apply the engineering design process as they work in small groups on multiple short-term design problems and one long term project. Students will begin working on the skills necessary to be successful as they pursue an engineering degree after high school. The course will focus on communication, team work, the engineering design process, and engineering techniques. EXCITE I will also include curriculum for students to earn an art credit through the course. Students will learn how to produce and read engineering graphics both by hand and on the computer. The first year of the Engineering Academy will include English I, World Geography, Biology, either the first or second year of foreign language, and PE for students not in Band or Athletics.

Engineering Academy I students will earn an additional .5 Professional Communication credit which satisfies the Speech requirement for graduation within the curriculum of the course

ENGINEERING ACADEMY II

7301Y (7301 A & B)

Grade: 10 Level: 3 Credit: 1

Prerequisite: Geometry; Enrollment must have instructor approval

In this second course of the Engineering Academy for the EXCITE Program (EXploring sClence, Technology & Engineering), students will learn how to apply the engineering design process as they work in small groups on multiple short-term and long-term design problems. Techniques for acquiring a variety of engineering data will be investigated along with ways to analyze the data and draw conclusions as to the quality of the data, relationships between variables, and the methods used for data acquisition. Components of the Infinity Project curriculum will be implemented to teach the fundamentals of digital signal processing and automated data acquisition. Students will become familiar with standard scientific and engineering instrumentation and will work in the context of engineering design problems in disciplines such as mechanical, electrical, civil, materials, and biomedical engineering. EXCITE II will also include curriculum for students to earn a computer science credit through the course. The computer science component will teach students about engineering software and programming languages specific to engineering. The second year of the Engineering Academy will include English II, World History, Chemistry, either the second or third year of foreign language, and PE for students not in Band or Athletics. Students will choose an engineering elective to complete their schedule.

NON-ACADEMY ENGINEERING COURSES

Students are not required to participate in the Engineering Academy in order to take one of the following engineering or engineering technology courses.

☑ Upon completion of any three Excite courses the student will have technology credit for graduation waived.

EXCITE III: ENGINEERING SYSTEMS

7381Y (7381 A & B)

Grades: 11 Level: 3 Credit: 1

Prerequisite: Algebra II and instructor approval

Recommended: concurrent enrollment in Aerospace Studies I

In this third course of the EXCITE Program (EXploring sClence, Technology & Engineering), students will learn how to apply the engineering design process as they work in small groups on multiple short-term design problems and on long-term projects. Students will engage in projects that will demonstrate the integration of different systems. One such project will involve the manufacture and distribution of electrical power. This is a demonstration of the integration of mechanical and electrical systems. Students will also begin working on introductory projects and programs that will lead to their senior engineering project.

EXCITE IV: ENGINEERING DESIGN & ENTREPRENEURSHIP

7382Y (7382 A & B)

Grades: 12 Level: 3 Credit: 1

Prerequisite: EXCITE III and instructor approval

Recommended: concurrent enrollment in Aerospace Studies II

In this fourth, and final course of the EXCITE Program (EXploring sClence, Technology & Engineering), students will apply the engineering design process as they work on independent team projects. Students will be applying all of the previous experience gained in the EXCITE program as they embark on a real-world engineering project from conception to completion.

☑ Technology credit



Tech Prep credit

INTRODUCTION TO ENGINEERING & TECHNOLOGY

7380Y (7380 A & B)

Grades: 9-10 Level: 2 Credit: 1

Prerequisites: None

Students will learn how to apply the engineering design principles to solve various real world problems. In addition, students will also learn the mathematics-based origins of the solutions which they create. This year long course covers a computer-based curriculum that is a small window into the larger world covered by the Engineering Design & Development course. Hands-on projects include digital graphics and LEGO Robotics. This course is great for students unsure about engineering, but wants to learn more. There is no math prerequisite for students to benefit and enjoy this course.

Introduction to Engineering & Technology students will earn an additional .5 Professional Communication credit which satisfies the Speech requirement for graduation within the curriculum of the course

FUNDAMENTAL INTRODUCTION TO ENGINEERING AND TECHNOLOGY

7380Y (7380 A & B)

Grades: 9-10 Level: 1 Credit: 1

Prerequisite: ARD Committee Recommendation

The subject matter will parallel the general education Explore Engineering and Technology curriculum. Instruction is individualized according to Individualized Education Plan (IEP) objectives.

INFINITY I: ENGINEERING DESIGN PROCESS AND PRESENTATION

7303Y (7303 A & B)

Grades: 11-12 Level: 2 Credit: 1

Prerequisites: Geometry

Do you know what an engineer is? Would you like to know more? Engineering seeks to shape the world to meet human needs and wants. Engineers work with everything, from cars to houses to eco-friendly water bottles. In this age of global warming, energy conservation, and amazing technological advances, engineers are in greater demand than ever. Engineering Design & Development I explores the creative process of solving problems by identifying needs and devising solutions. This course emphasizes solving problems with real world applications. It is more than just theories and lessons. Students will work with a number of exciting things including robots, digital imaging and sound, bridges, and airplanes.

Infinity I students will earn an additional .5 Professional Communication credit which satisfies the Speech requirement for graduation within the curriculum of the course

INFINITY II: ADVANCED ENGINEERING DESIGN PROCESS AND DEVELOPMENT

7313Y (7313 A & B)

Grades: 12 Level: 2 Credit: 1

Prerequisite: Infinity Project I

Students will continue to learn how to apply the engineering design process as they work in groups on multiple short-term projects or a long-term project. This course is the next step in the Engineering Design & Development pathway. It is a course in applied science and mathematics that is designed to prepare students more effectively for the advances in technology and engineering. The emphasis will be placed on hands-on activities, creative thinking and problem solving, while having fun learning. This class is a must have for students who want to have a more solid foundation before entering a university engineering program.

ENGINEERING ELECTIVES

The School of Engineering offers a number of engineering electives to allow students the opportunity to explore areas of engineering and engineering technologies that are of interest to them. Enrollment in engineering electives is limited to students concurrently enrolled in an engineering course. The electives are designed to enhance the engineering curriculum, not replace it. Many of the electives allow students a pathway to participation on our Varsity competition teams. Students wishing to be a team leader must take certain engineering elective courses.

ALTERNATIVE ENERGY I

7385Y (7385 A & B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Prior Engineering Course;

Enrollment must have instructor approval

Engineers around the world are working to find a viable alternative to fossil fuels. Alternative Energy I is an engineering elective that will allow students to explore a variety of alternative fuel sources. Students will be given the opportunity to research and even experiment with various alternatives. Energy sources can include solar, wind and hydroelectric. AE I is recommended for students wishing to be a member of the Coppell Solar Racing Team. This course will give team members a solid foundation in solar energy technology.

 Technology credit

 Tech Prep credit

ROBOTICS I

7386Y (7386 A & B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Prior Engineering Course;

Enrollment must have instructor approval

Students enrolled in this course will demonstrate knowledge and skills necessary for the robotic and automation industry. Through implementation of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their designs. Robotics I is recommended for students wishing to be a member of the either the FIRST Robotics Team or the MATE Underwater ROV Team. This course will give team members a solid foundation in robotics technology.

Jump-Start Your Career With Automotive Technology Skills (Brookhaven College)

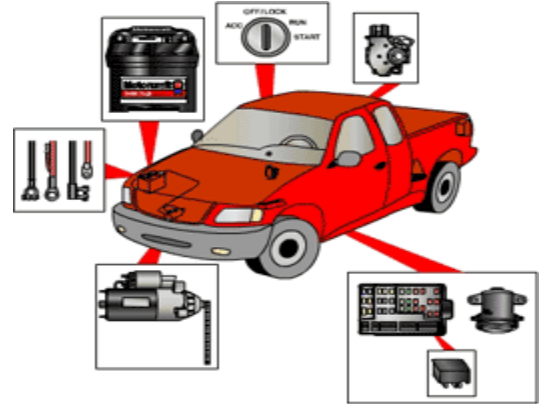
7237Y (7237 A & B)

Grade: 12 Level: 3 Credits: 6

Prerequisite: None

Interested in a career as an automotive service technician? Begin your training through CISD's Dual-Credit Program with Brookhaven College. Today's automobiles are equipped with multiple computers and extensive electronics. Servicing vehicles equipped with active suspension, satellite guidance systems and computer controlled, multi-valve engines require highly specialized training. Brookhaven College's Automotive Technology Program is listed by the Texas higher Education Coordinating Board as a provider of "national excellence" in higher education. The program provides seven paths of training for a career in automotive service. **The classes meet from 1:00-4:30 Monday through Thursday, and the class is Internet based on Fridays.** The curriculum is composed of the following six courses:

- AUMT 1305 - Introduction to Automotive Technology
- AUMT 1310 - Automotive Brake Systems
- AUMT 1316 - Suspension and Steering
- AUMT 1307 - Automotive Electrical Systems
- AUMT2321 - Automotive Electrical Lighting and Accessories
- AUMT 1319 - Automotive Engine Repair



Fall Semester	Spring Semester
First - Five Weeks	Fourth - Five Weeks
<p>AUMT 1305 Introduction to Automotive Technology (3 Credit Hours) An introduction to the automotive industry including automotive history, safety practices, shop equipment and tools, vehicle subsystems, service publications, fasteners, professional responsibilities, and automotive maintenance.</p>	<p>AUMT1307 Automotive Electrical Systems (3 Credit Hours) Prerequisite: AUMT 1305 or concurrent enrollment in AUMT 1305. An overview of automotive electrical systems including topics in operational theory, testing, diagnosis, and repair of batteries, charging and starting systems, and electrical accessories. Emphasis on electrical schematic diagrams and service manuals.</p>
Second - Five Weeks	Fifth - Five Weeks
<p>AUMT1310 Automotive Brake Systems (3 Credit Hours) Prerequisite: AUMT 1307 or concurrent enrollment in AUMT 1307. Operation and repair of drum/disc type brake systems. Emphasis on safe use of modern equipment. Topics include brake theory, diagnosis, and repair of power, manual, anti-lock brake systems, and parking brakes.</p>	<p>AUMT 2321 Automotive Electrical Lighting and Accessories (3 Credit Hours) Prerequisite: AUMT 1307. Repair of automotive electrical subsystems, lighting, instrumentation, and accessories. Emphasis on accurate diagnosis and proper repair methods using various troubleshooting skills and techniques. May be taught with manufacturer specific instructions.</p>
Third - Five Weeks	Sixth - Five Weeks
<p>AUMT 1316 Suspension and Steering (3 Credit Hours) Prerequisite: AUMT 1307 or concurrent enrollment in AUMT 1307. Theory and operation of automotive suspension and steering systems including tire and wheel problem diagnosis, component repair, and alignment procedures.</p>	<p>AUMT 1319 Automotive Engine Repair (3 Credit Hours) Prerequisite: AUMT 1305 or concurrent enrollment in AUMT 1305. Fundamentals of engine operation, diagnosis and repair including lubrication systems and cooling systems. Emphasis on overhaul of selected engines, identification and inspection, measurements, and disassembly, repair, and reassembly of the engine.</p>

A special thank you to Tiffany Ganss for her assistance in the design of the front and back covers.

Front cover designed by: CHS '09 Graduate Susan Lee