

High School Instructional Planning Guide 2020-2021

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Superintendent's Message

Dear Denton ISD Students and Families,

In keeping with our commitment “to prepare every student for their future in today’s world,” the DISD wants your high school experience to be full of meaningful learning that prepares you for your future. This High School Course Catalog and Planning Guide will assist students and their families in thinking about their own future and selecting courses of study that will meet each student’s individual needs, satisfying graduations requirements, and preparing our students for life after high school.

This guide is full of information that will assist you through the educational pathway designed to afford you the opportunity to fulfill your dreams and create your future. Please take note of the variety of course offerings in the areas of science, mathematics, arts, humanities, languages, social sciences, and career and technology. Challenge yourself to be all you can be and take advantage of the many course offerings and areas of study available to you.



It is our expectation that you will choose your courses wisely with the end result in mind. Careful planning requires good information and useful resources. Please take the opportunity to visit with your guidance counselor about the advantages of Naviance. Naviance is a resource provided free to DISD students and their families to connect what students do in the classroom to their life goals, including finding colleges and careers based on their personal skills and interests. More information is available at www.naviance.com . On behalf of the Denton ISD staff and the Board of Trustees, I wish you the best success in your high school years. After four years in high school, you will participate in commencement. This commencement is called high school graduation; however, it will not be the end of your educational career, in fact, it will be the beginning of a life filled with learning, accomplishments, trials and tribulations. I pledge our DISD commitment to assist you in any way possible to make your dreams a reality, meet your goals and exceed lofty expectations.

Very sincerely,

Jamie Wilson, Ed.D.
Superintendent of Schools

Denton Independent School District Board Goals

Mission Statement: Empowering lifelong learners to be engaged citizens who positively impact their local and global community.

Vision Statement: A premiere destination district committed to growth and excellence

Teaching & Learning

In pursuit of excellence, we will:

- Develop and maintain a culture where learning remains our first priority
- Advocate and practice true accountability based on measurement of individual student progress over time, regardless of external mandates
- Cultivate a consistent, strong, district-wide balanced curriculum based on ongoing needs assessments supporting all students
- Establish high expectations with a curriculum fostering inquiry, critical thinking, civic responsibility and exemplary citizenship
- Cultivate a network of professional learning communities addressing the educational needs of every child in our district
- Incorporate best practices into teaching, learning, technology and leadership
- Foster and support an advanced digital learning environment
- Establish goals for individual campuses that incorporate both measurable and intangible factors

Culture & Climate

In pursuit of excellence, we will:

- Honor the dedication and professionalism of all staff
- Celebrate, respect and promote the value of diversity in our Denton ISD Community
- Support a working environment ensuring open and transparent communication
- Establish high expectations for success
- Instill in students a love of lifelong learning
- Foster a positive, welcoming environment encouraging parent and community partnerships
- Promote health, wellness and emotional well-being
- Effectively communicate achievements and recognitions to the Denton ISD community

Growth & Management

In pursuit of excellence, we will:

- Recruit, employ and retain high quality teachers
- Remain committed to providing equitable and outstanding opportunities for every student on every campus
- Work with the community in planning and facility development
- Utilize citizens' advisory committees to focus on short and long-term tasks
- Adjust policies and procedures to address rapid growth and changing demographics, nurturing our strong sense of community
- Demonstrate effective and efficient management of district resources
- Provide leadership and/or oversight to ensure District meets all fiscal, legal and regulatory requirements
- Encourage teachers and staff to pursue advanced degrees
- Pursue energy efficiency and conservation principles
- Develop a budget focused on student and professional learning
- Maintain a diverse workforce

Opportunities for Students

In pursuit of excellence, we will:

- Support college, career, military and life readiness
- Engage students in extracurricular clubs and organizations
- Advocate for public education across the state and nation
- Develop academic skills and interpersonal relationships necessary for student success in college, the workplace and for life



General Information

High School Curriculum

The Denton Independent School District is dedicated in its mission of empowering students as lifelong and engaged learners who graduate from school fully prepared for their next steps in life. The District provides a wide range of programs that prepare students for post-high school experiences including college, a variety of careers, military service, participation in the arts, and other areas.

This course planning guide is provided to parents and students so that they can become familiar with the courses available. Although many of your courses will be determined by state graduation requirements, you will still have many other choices to make during your years of school. Your course selection should be guided largely by your interests and your plans for the future:

- What are your strengths and interests?
- Will you continue your education in college or in a technical school?
- Do you want to learn a career skill in order to enter the full-time work force immediately after school?
- Are you interested in a technical field?
- Are you thinking of entering a profession that requires many years of specialized education?

The answers to these questions are important for making decisions about your course selections for all four years in high school.

Know what Denton ISD has to offer...

This planning guide will assist in making decisions about your four-year high school plan. You are urged to consider each decision carefully. There are certain steps to follow that can help you make your choices. Find out all you can about the endorsements offered:

- compare the endorsements
- consider the advantages and disadvantages of each pathway within the endorsement
- choose the pathway that seems to have the most advantages for you

Know about all the high school programs...

Your counselor and teachers will be helpful in advising you more specifically about the high school programs of study offered. Find out:

- Which endorsements are available
- The types of performance acknowledgements you can earn
- The number of credits needed in specific subject areas
- The prerequisites needed to begin certain course pathways
- Which elective courses are available at your school

Campus Contacts and Counseling Team



Braswell High School
 Phone: 972-347-7700
 Dr. Lesli Guajardo, Principal
 Dr. Laura Ice, Associate Principal

Nicole Dampman
 Kanika McClary
 Amy Williams
 Dengiyefa Carter
 Sarah Morales
 Kim Rhodes

Students A-Da
 Students: De-K
 Students: L-Rh
 Students: Ri-Z
 Freshmen
 Career Counseling



Denton High School
 Phone: 940-369-2000
 Joel Hays, Principal
 Scott Nedrow, Associate Principal

Jari Peltier
 Kathleen Ashton
 Kayleen Langat
 Chris Lydia
 Dani Kading
 Julie Holladay

Students: S-Z
 Students: O-R
 Students: I-N
 Students: A-C
 Students: D-H
 Career Counseling



Guyer High School
 Phone: 940-369-1000
 Dr. Shaun Perry, Principal
 DeCorian Hailey, Associate Principal

Brandy Guilford
 Lacey Martin
 Kristi Gibson
 Jason Byrd
 Andrea Wyatt
 Lori Morris
 Jeanie Bragg

Students: A-D
 Students: E-J
 Students: K-O
 Students: P-T
 Students: U-Z
 Students: Freshman
 Career Counseling



Billy Ryan High School
 Phone: 940-369-3000
 Vernon Reeves, Principal
 Fred Younkman, Associate Principal

Tiffany Biggers
 Ria Morrison
 Keith Tremethick
 Rebecca Coley
 Jennifer Carter
 Courtney Skaggs

Students: A-C
 Students: D-I
 Students: J-N
 Students: O-S
 Students: T-Z
 Career Counseling



Fred Moore High School
 Phone: 940-369-4000
 Jacqueline San Miguel, Principal

Tanya Clayton, Counselor

Davis School
 Phone: 940-369-4050
 Ronnie Watkins, Principal

Bobbie Roberts, Counselor

Instructional Contacts

Dr. Mike Mattingly

Assistant Superintendent for Curriculum, Instruction, and Professional Development

940-369-0698

Dr. Daniel Ford

Executive Director for Curriculum, Instruction, and Professional Development

940-369-0655

Advanced Academics	Dr. Amy Harp, Director	940-369-0678
Athletics	Joey Florence, Director	940-369-0070
Bilingual / ESL	Teresa Taylor, Director	940-369-0151
Career and Technology Education	Carla Ruge, Director	940-369-4852
Counseling Services	Amy Lawrence, Director	940-369-0065
Deaf Education	Sandra Hensley, Supervisor	940-369-4084
Federal Programs	Chris Shade, Coordinator	940-369-0676
Digital Learning	Ross Garison, Director	940-369-0112
Fine Arts	Dr. Jackie DeMontmollin, Director	940-369-0225
English Language Arts	Beth Myers, Coordinator	940-369-0657
Mathematics	Grace Anne McKay, Coordinator	940-369-0654
Science	Brianna Morris, Coordinator	940-369-0658
Social Studies	Erika Lowery, Coordinator	940-369-0660
Special Education	Debbie Roybal, Executive Director	940-369-0535
Secondary Curriculum and Instruction	Dr. Lisa Thibodeaux, Director	940-369-0642
World Languages	Beth Myers, Coordinator	940-369-0657

Denton ISD High School Graduation Plan

English (4 credits)	English I, English I Honors, or ESOL I English II, English II Honors, or ESOL II English III or AP/IB English IV or AP/IB
Mathematics (4 credits)	Algebra I or Algebra I Honors Geometry or Geometry Honors Algebra II or Algebra II Honors (recommended) or other math course One additional advanced math credit
Social Studies (4 credits)	World Geography or AP Human Geography World History or AP World History U.S. History or AP U.S. History Government or AP Government Economics or AP Macro Economics
Science (4 credits)	Biology or Biology Honors Chemistry or Chemistry Honors Physics or Physics Honors (recommended) or other science course One additional advanced science credit
World Languages (2 credits)	Any 2 levels in the same language
Fine Arts (1 credit)	Variety of course options
Physical Education (1 credit)	Foundations of Personal Fitness
Speech (.5 credit)	Professional Communications, Debate
College Career Readiness Elective (.5)	High School 101
Electives (5 credits)	Elective 1, Elective 2, Elective 3, Elective 4, Elective 5

Total: 26 Credits

Note: Dual credit courses may satisfy graduation requirements for required courses, advanced courses, elective credits, and endorsement requirements. Please see your counselor for more information about dual credit courses, blended courses, pre-requisites, and other allowable substitution courses.

Performance Acknowledgements

Students may earn a performance acknowledgement, indicated on the academic record/transcript, by meeting the requirements in the following areas:

Outstanding Performance in Dual Credit Courses	At least 12 hours of college academic courses with a grade of 3.0 or higher –or– associates degree
Outstanding Performance in Bilingualism / Biliteracy	<p>4 credits of English with a minimum grade average of 80,</p> <p>–and– one of the following:</p> <ul style="list-style-type: none"> • 3 credits in the same world language with a minimum GPA of 80 • Completion of a Level IV world language with a minimum GPA of 80 • 3 or higher on a world languages AP exam • 4 or higher on a world languages IB exam <p>–and– For ELLs only, both of the following:</p> <ul style="list-style-type: none"> • Participate in and meet the exit criteria for a bilingual or ESL program • Score Advanced High on TELPAS
Outstanding Performance in AP/IB Examinations	3 or higher on College Board AP exam –or– 4 or higher on IB exam
Outstanding Performance on a College Preparation Assessment	<p>PSAT/NMSQT score that qualifies for recognition as a commended scholar by the College Board and National Merit Scholarship Corp as part of the NHRP or the NASP,</p> <p>–or– Achieving the ACT readiness benchmark score on three of the five subject tests on the ACT Aspire exam</p> <p>–or– SAT total score of 1310 or higher</p> <p>–or– ACT composite score (excluding writing) of 28 or higher</p>
Earning a State-, Nationally-, or Internationally- Recognized Business or Industry Certification or License	<p>Performance on an exam or series of exams leading to:</p> <p>–nationally or internationally recognized business or industry certification</p> <p>–or– government-required credential to practice a profession as set forth in Chapter 74, Subchapter B of the Texas Administrative Code</p>

Endorsements

Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject areas. Students must select an endorsement upon entering the ninth grade. Not all campuses offer the courses required for each endorsement; students must meet with counselors for guidance in course selection. Students can earn an endorsement by completing the curriculum requirements for the endorsement, including a 4th credit of math and science and 2 additional elective credits.

Endorsement Areas

STEM – Science, Technology, Engineering, and Mathematics

- Career and Technical Education courses related to STEM
- Computer Science
- Mathematics
- Science
- Combination of no more than two of these categories

Business and Industry (one of the following or a combination or areas)

- Agriculture
- Arts
- Audio/Video
- Finance
- Marketing
- Food and Natural Resources
- Hospitality and Tourism
- Information Technology
- Manufacturing
- Technology Applications
- Architecture and Construction
- Technology and Communications
- Business Management and Administration
- Transportation or Distribution and Logistics
- English electives in public speaking, debate, advanced broadcast journalism, advanced journalism including newspaper and yearbook

Public Service (one of the following)

- Human Services
- Law
- Corrections and Security
- Health Science
- Public Safety
- Education and Training
- Government and Public Administration
- JROTC

Arts and Humanities (one of the following)

- 2 levels each in two languages other than English (LOTE)
- 4 levels in the same LOTE
- Courses from one or two areas (music, theatre, art, dance) in fine arts
- English electives not included in Business and Industry
- Social Studies
- American Sign Language (ASL)

Multi-Disciplinary Studies (one of the following)

- 4 advanced courses from other endorsement areas
- 4 credits in each foundation subject area, including English IV and chemistry and/or physics
- 4 credits in AP, IB, or dual credit selected from English, math, science, social studies, economics, LOTE, or fine arts

Grade Point Average Calculations

In Denton ISD, a student's grade point average (GPA) is calculated using the highest grade points earned for high school credit taken in grades 9-12 in approved courses in the following areas:

- Four courses in English (8 semesters);
- Four courses in mathematics (8 semesters);
- Four courses in science, which must include Biology or Environmental Science, Chemistry, and Physics (8 semesters);
- Four courses in social studies (8 semesters); and
- Two courses in languages other than English (4 semesters).

Two separate processes are used for calculating GPA and class rank:

EARNED GPA	RANKING GPA
<p>The Earned GPA is calculated by dividing the highest grade points earned <i>to date</i> in the approved courses, by the actual number of semesters of approved courses attempted <i>to date</i>.</p> <p>The calculation of the Earned GPA serves a variety of purposes:</p> <ul style="list-style-type: none"> - It is calculated “along the way” so students can reflect on their progress; - It serves as the final GPA reported on transcripts; and - Preliminary rankings for students in the freshman, sophomore, and junior classes are based on the Earned GPA. <p>In the Naviance system and beyond, Earned GPA is often referred to as Weighted GPA.</p>	<p>The Ranking GPA is calculated by dividing the highest grade points earned overall (at the end of a student's twelfth grade year) in the approved courses, by 36 (reflecting the 36 semesters indicated above).</p> <p>The Ranking GPA becomes the final determiner of the official rank in the class for graduating seniors.</p> <p>When a student completes the full 36 semesters in the course of study indicated above, the Ranking GPA is calculated using 36 semesters of grade points divided by 36 possible semesters. For a student, however, who completes fewer than the 36 semesters of the course of study indicated above, the Ranking GPA is <i>still</i> calculated using 36 as the divisor. Therefore, a student who completes the 36 eligible semesters will have a higher Ranking GPA than a student who, although successful in the courses taken, did not complete the full recommended course of study.</p>

The list of approved courses eligible to be included in GPA is found in this course planning guide.

Denton ISD Approved Courses for GPA and Rank Calculations

ENGLISH

English I
Honors English I
 English I ESOL
 English II
Honors English II
 English II ESOL
 English III
English III DC
English III AP Lang
 English IV
 English IV Blended
English IV DC
English IV AP Lit

MATHEMATICS

Algebra 1
Honors Algebra 1
 ESL Algebra 1
 Geometry
Honors Geometry
 ESL Geometry
 Math Models
 Algebra 2
Honors Algebra 2
 ESL Algebra 2
 Advanced Quantitative Reasoning
 Pre-Calculus
 Pre-Calculus Blended
Honors Pre-Calculus
Pre-Calculus DC
Calculus DC
AP Calculus AB
AP Calculus BC
 Statistics
Statistics DC
AP Statistics
AP Computer Science
 Engineering Math
 Accounting II

SOCIAL STUDIES

World Geography
Honors World Geography
 ESL World Geography
AP Human Geography
 World History
AP World History
 ESL World History
 U.S. History
U.S. History DC
AP U.S. History
AP U.S. History Blended
 U.S. Government
 U.S. Government Blended
U.S. Government DC
AP U.S. Government
AP US Government Blended
 ESL U.S. Government
 Economics
 Economics Blended
Economics DC
AP Economics
AP Economics Blended

LOTE

Spanish 1
Honors Spanish 1
 Spanish 2
Honors Spanish 2
 Spanish for Span Spkrs 1
 Spanish for Span Spkrs 1-2
Honors Spanish for Span Spkrs 1-2
 Spanish 3
Spanish 3 Honors
 Spanish for Spanish Spkrs 3
Honors Spanish for Spanish Spkrs 3
 Spanish 4
AP Spanish 4
AP Spanish 5
 French 1
 French 2
Honors French 2
 French 3
Honors French 3
AP French 4
 Latin 1
 Latin 2
Honors Latin 2
Honors Latin 3
AP Latin 4
Honors Latin 5
 German 1
 German 2
Honors German 2
 German 3
Honors German 3
AP German 4
 ASL 1
 ASL 2
 ASL 3
 ASL 4

SCIENCE

Biology
Honors Biology
Biology DC
AP Biology
 ESL Biology
 IPC
 Chemistry
Honors Chemistry
AP Chemistry
 ESL Chemistry
 Physics
 Physics Blended
Honors Physics
 ESL Physics
AP Physics 1
AP Physics 2
AP Physics C
 Environmental Systems
Environmental Science DC
AP Environmental Science
 Anatomy and Physiology
 Aquatic Science
 Forensic Science
 Advanced Animal Science
 Food Science
 Engineering Science

Subjects in bold or any courses taken at the university level carry weighted GPA.

Courses taken in middle school for high school credit do not count in the GPA calculations. Failure to complete 2 years of a world language in grades 9-12 can negatively affect a student's GPA.

IB courses aligned to courses on this list also count in the GPA calculations and carry weighted GPA.

Sample GPA Calculations

(Samples not intended as a recommended courses of study)

Sample #1

This student has elected to pursue a course of study not intended for university admission. Notice in this example that the final Ranking GPA is lower than the final Earned GPA because only 32 of the required 36 semesters were taken for ranking purposes. Each grade shaded in green is included in calculations.

9TH GRADE

Subject	Course	Fall Semester		Spring Semester	
		Grade	Grade Points	Grade	Grade Points
English	English I	82	3	91	4
Math	Algebra I	75	2	85	3
Science	Biology	90	4	92	4
Social Studies	World Geography	80	3	83	3
World Lang	French I	80	3	81	3

9TH GRADE END OF YEAR SUMMARY

A: Included Grade Points Earned	32
B: # Semesters Attempted	10
C: Best Grade Points Earned, Cumulative	32
D: # Best Semesters Attempted, Cumulative	10
E: Earned GPA (Line C ÷ Line D)	3.2000
F: Ranking GPA (Line C ÷ 36)	0.8889

10TH GRADE

Subject	Course	Fall Semester		Spring Semester	
		Grade	Grade Points	Grade	Grade Points
English	English II	82	3	80	3
Math	Geometry	89	3	90	4
Science	IPC	90	4	90	4
Social Studies	World History	85	3	85	3
World Lang	French II	91	4	94	4

10TH GRADE END OF YEAR SUMMARY

A: Included Grade Points Earned	35
B: # Semesters Attempted	10
C: Best Grade Points Earned, Cumulative	67
D: # Best Semesters Attempted, Cumulative	20
E: Earned GPA (Line C ÷ Line D)	3.3500
F: Ranking GPA (Line C ÷ 36)	1.8611

11TH GRADE

Subject	Course	Fall Semester		Spring Semester	
		Grade	Grade Points	Grade	Grade Points
English	English III	87	3	85	3
Math	Algebra II	78	2	87	3
Science	Chemistry	70	2	71	2
Social Studies	U.S. History	92	4	93	4
World Lang	--	--	--	--	--

11TH GRADE END OF YEAR SUMMARY

A: Included Grade Points Earned	23
B: # Semesters Attempted	8
C: Best Grade Points Earned, Cumulative	90
D: # Best Semesters Attempted, Cumulative	28
E: Earned GPA (Line C ÷ Line D)	3.2142
F: Ranking GPA (Line C ÷ 36)	2.5000

12TH GRADE

Subject	Course	Fall Semester		Spring Semester	
		Grade	Grade Points	Grade	Grade Points
English	Eng IV Blended	86	3	93	4
Math	--	--	--	--	--
Science	--	--	--	--	--
Social Studies	Govt / Econ	84	3	87	3
World Lang	--	--	--	--	--

11TH GRADE END OF YEAR SUMMARY

A: Included Grade Points Earned	13
B: # Semesters Attempted	4
C: Best Grade Points Earned, Cumulative	99
D: # Best Semesters Attempted, Cumulative	32
E: Earned GPA (Line C ÷ Line D)	3.0937
F: Ranking GPA (Line C ÷ 36)	2.7500

Sample #2

This student has elected to pursue a course of study without Honors or AP courses. Notice in this example that the final Ranking GPA is equal to the final Earned GPA because all 36 of the required 36 semesters were taken. Since there were more semesters of world languages taken than required, only the best semester grades were used. Each grade in green is included in calculations.

9TH GRADE

Subject	Course	Fall Semester		Spring Semester	
		Grade	Grade Points	Grade	Grade Points
English	English I	82	3	91	4
Math	Algebra I	75	2	85	3
Science	Biology	90	4	92	4
Social Studies	World Geo	85	3	94	4
World Lang	Spanish I	90	4	90	4

9TH GRADE END OF YEAR SUMMARY

A: Included Grade Points Earned	35
B: # Semesters Attempted	10
C: Best Grade Points Earned, Cumulative	35
D: # Best Semesters Attempted, Cumulative	10
E: Earned GPA (Line C ÷ Line D)	3.5000
F: Ranking GPA (Line C ÷ 36)	0.9722

10TH GRADE

Subject	Course	Fall Semester		Spring Semester	
		Grade	Grade Points	Grade	Grade Points
English	English II	82	3	80	3
Math	Geometry	89	3	90	4
Science	Chemistry	90	4	90	4
Social Studies	World History	85	3	85	3
World Lang	Spanish II	85	3	88	3

10TH GRADE END OF YEAR SUMMARY

A: Included Grade Points Earned	33
B: # Semesters Attempted	10
C: Best Grade Points Earned, Cumulative	68
D: # Best Semesters Attempted, Cumulative	20
E: Earned GPA (Line C ÷ Line D)	3.4000
F: Ranking GPA (Line C ÷ 36)	1.8889

11TH GRADE

Subject	Course	Fall Semester		Spring Semester	
		Grade	Grade Points	Grade	Grade Points
English	English III	87	3	85	3
Math	Algebra II	79	2	87	3
Science	Physics	82	3	88	3
Social Studies	U.S. History	92	4	93	4
World Lang	Spanish III	80	3	84	3

11TH GRADE END OF YEAR SUMMARY

A: Included Grade Points Earned	25
B: # Semesters Attempted	10
C: Best Grade Points Earned, Cumulative	93
D: # Best Semesters Attempted, Cumulative	28
E: Earned GPA (Line C ÷ Line D)	3.3214
F: Ranking GPA (Line C ÷ 36)	2.5833

12TH GRADE

Subject	Course	Fall Semester		Spring Semester	
		Grade	Grade Points	Grade	Grade Points
English	English IV	86	3	93	4
Math	PreCal	87	3	80	3
Science	Enviro Sci	95	4	85	3
Social Studies	Govt / Econ	84	3	87	3
World Lang	Spanish IV	78	2	75	2

12TH GRADE END OF YEAR SUMMARY

A: Included Grade Points Earned	26
B: # Semesters Attempted	10
C: Best Grade Points Earned, Cumulative	119
D: # Best Semesters Attempted, Cumulative	36
E: Earned GPA (Line C ÷ Line D)	3.3056
F: Ranking GPA (Line C ÷ 36)	3.3056

Sample #3

This student has elected to pursue a course of study with Honors or AP courses. Notice in this example that the final Ranking GPA is equal to the final Earned GPA because all 36 of the required 36 semesters were taken. Since there were more semesters of world languages taken than required, only the best semester grades were used. Each grade in green is included in calculations.

9TH GRADE

Subject	Course	Fall Semester		Spring Semester	
		Grade	Grade Points	Grade	Grade Points
English	English I Honors	92	5	91	5
Math	Geom Honors	93	5	90	5
Science	Biology Honors	90	5	92	5
Social Studies	AP Human Geo	90	5	91	5
World Lang	Span 2 Honors	95	5	90	5

9TH GRADE END OF YEAR SUMMARY

A: Included Grade Points Earned	50
B: # Semesters Attempted	10
C: Best Grade Points Earned, Cumulative	50
D: # Best Semesters Attempted, Cumulative	10
E: Earned GPA (Line C ÷ Line D)	5.0000
F: Ranking GPA (Line C ÷ 36)	1.3889

10TH GRADE

Subject	Course	Fall Semester		Spring Semester	
		Grade	Grade Points	Grade	Grade Points
English	English II Honors	96	5	92	5
Math	Alg II Honors	94	5	90	5
Science	Chem Honors	85	4	81	4
Social Studies	World History AP	99	5	96	5
World Lang	Span III Honors	94	5	94	5

10TH GRADE END OF YEAR SUMMARY

A: Included Grade Points Earned	48
B: # Semesters Attempted	10
C: Best Grade Points Earned, Cumulative	98
D: # Best Semesters Attempted, Cumulative	20
E: Earned GPA (Line C ÷ Line D)	4.9000
F: Ranking GPA (Line C ÷ 36)	2.7222

11TH GRADE

Subject	Course	Fall Semester		Spring Semester	
		Grade	Grade Points	Grade	Grade Points
English	English III AP	95	5	94	5
Math	PreCal Honors	94	5	92	5
Science	Physics DC	94	5	95	5
Social Studies	U.S. Hist AP	98	5	97	5
World Lang	Span IV AP	93	5	91	5

11TH GRADE END OF YEAR SUMMARY

A: Included Grade Points Earned	40
B: # Semesters Attempted	10
C: Best Grade Points Earned, Cumulative	138
D: # Best Semesters Attempted, Cumulative	28
E: Earned GPA (Line C ÷ Line D)	4.9286
F: Ranking GPA (Line C ÷ 36)	3.8333

12TH GRADE

Subject	Course	Fall Semester		Spring Semester	
		Grade	Grade Points	Grade	Grade Points
English	English IV AP	91	5	93	5
Math	Calc BC AP	93	5	93	5
Science	Biology DC	94	5	95	5
Social Studies	Govt AP/Econ AP	92	5	93	5
World Lang	--	--	--	--	--

11TH GRADE END OF YEAR SUMMARY

A: Included Grade Points Earned	40
B: # Semesters Attempted	8
C: Best Grade Points Earned, Cumulative	178
D: # Best Semesters Attempted, Cumulative	36
E: Earned GPA (Line C ÷ Line D)	4.9444
F: Ranking GPA (Line C ÷ 36)	4.9444

Denton ISD Grade Points System

Numerical Grades		Grade Points	Honors/AP/DC/IB Grade Points
A	90 -100	4.0	5.0
B	80 - 89	3.0	4.0
C	70 -79	2.0	3.0
F	Below 70	0.0	0.0

Included Courses

Courses identified as included in GPA will be calculated whether the student took the class during the regular school year, in summer school, by correspondence, by credit by exam, or by dual enrollment.

Transfer Courses

Foundation courses transferred in from other public schools would be counted as part of the established 18 courses (36 semesters). The only Honors, AP, DC, or IB transfer courses that will be recognized for weighted points will be those courses that also carry weighted points for Denton ISD students. Since the systems used at outside institutions vary, different conversion methods may be needed. The district will always encourage the non-Denton ISD institution to supply numeric grades based on our system; however, final determination of how transfer courses will be counted as GPA is determined by the Superintendent of Schools or designee. In the event numeric grades are not provided, the following conversions shall apply to these specific situations:

Conversion of University Letter Grades

University level courses carry weighted grade points. Numeric equivalent grades are provided here in the event they are needed for a tie.

Numerical Grades	Honors/AP/IB Grade Points	Numeric Equivalent
A	5	97
B	4	87
C	3	77
D*	2	72
F	0	55

*if considered passing, otherwise "0"

Conversion for Accredited Public/Private School Letter Grades with + (pluses) and – (minuses)

Also applies to correspondence courses, credit by exam, and other grades awarded similarly

Numerical Grades	Numeric Equivalent
A +	99
A	95
A -	92
B +	87
B	85
B -	82

Numerical Grades	Numeric Equivalent
C +	79
C	77
C -	75
D + *	74
D *	72
D - *	70
F	55

*if considered passing, otherwise 55

Conversion for Accredited Public/Private School Letter Grades without + (pluses) and – (minuses)

This conversion also applies to correspondence courses, credit by exam, and other grades awarded similarly. If the course is recognized by Denton ISD as a course that should carry weighted GPA, then the college conversion table shall apply.

Numerical Grades	Numeric Equivalent
A	95
B	85
C	78
D*	72
F	55

*if considered passing, otherwise 55

Conversion for Non-Accredited Schools / Home School Students

Students entering the District from non-accredited public, private, or parochial schools, including home schools, shall validate high school credit for courses by testing or evidence that courses meet State Board requirements and standards [FDA(Local)]. If grades are submitted by the sending institution, then the district shall attempt to apply an appropriate conversion. If credit is verified through testing, then the test scores will be used for conversion purposes. (*see Credit by Exam section)

Final Determination of Conversion

In the event the conversion tables listed are not appropriate, the building principal, in conjunction with the Director of Secondary Curriculum, shall determine and apply an appropriate conversion.

Grading Categories

Grading Categories

Courses	Major Summative	Minor Summative	Formative
Regular	60%	40%	0%
Honors / AP / IB	70%	30%	0%

Semester Averages

1 st 9-weeks	2 nd 9-weeks	Semester Exam
40%	40%	20%

GPA “Ties”

Denton ISD’s rank calculation process creates the potential for multiple students to share the same Ranking GPA. The fact that many students could be tied throughout the system is recognized as one of the strengths – not weaknesses – of the system. Externally, in the case of scholarships or college admissions, there may be the need or requirement on the part of the external agency to break ties.

The same specific set of approved and identified courses used to determine Ranking GPA are used to address ties. The numeric grades earned in the approved courses will be averaged and used to break ties as needed. In the event two or more students have the same Ranking GPA *and* the same numeric average over the established courses, no further tiebreakers will be utilized, and the students will be considered officially tied. Again, ties will be addressed only as required for external uses. Students with the same Ranking GPA will be considered tied for Denton ISD recognition purposes.

Required Course Loads

All freshmen and sophomores are required to enroll in 8 courses. Provided they meet the following criteria, juniors may reduce this requirement to 7 courses, and seniors to 6 courses:

1. Be on track to graduate with designated class;
2. Have mastered all state assessments; and,
3. Remain in compliance with compulsory attendance and discipline policies.

Seniors may take an additional dismissal tied to enrollment in an AP course resulting in a course load of 6 required courses. Senior students can enroll in no more than one non-content course (PALS, Student Council, High School Helpers, Student Aide, etc.) as part of the 6 required courses. Students could enroll in more than one of these non-content courses if they forfeit one early dismissal period for each additional non-content course. Juniors and seniors may qualify for other dismissal opportunities. Check with your counselor for more information on dismissals.

Schedule Changes

Course selections made during pre-registration are considered final. Any course change request after spring registration must be approved by the principal before the spring deadline. Once classes begin, students may not drop or add a course after the four class days of attendance. To receive full credit for a course, students must be in attendance for 90% of the class. Students may change levels (e.g., Honors to non-honors) within a content area at the end of the first four weeks in the first grading period, after a parent-teacher conference, and if course loads permit. Requests to change courses at the beginning of school cannot be honored. Only changes related to graduation plans and/or computer errors will be addressed after school begins.

Grade Level Classification

Students are classified at the beginning of the school year according to the number of credits they have earned. Classifications will remain the same throughout the school year unless corrections are necessary due to errors.

Minimum grade classification requirements for classes are:

Grade Level	Required Credits
9 th Grade / Freshman	N/A
10 th Grade / Sophomore	6 Credits
11 th Grade / Junior	12 Credits
12 th Grade / Senior	18 Credits

Counseling Services

The counseling department is an integral part of the overall school program. School counselors are available to assist students in the following areas:

- Course selection that best meets academic, career, or military goals
- Information regarding available classes or programs
- Planning for college, career, and military
- Assistance or guidance related to social, emotional, or mental health
- Resources to professional services outside Denton ISD
- Personal graduation planning (beginning in 8th grade)

Students and parents are partners in the process and are encouraged to review the student's transcript regularly to verify accuracy and bring any errors to the attention of the counselors and registrar.

Naviance Student

All middle and high school students and parents in Denton ISD have access to Naviance, an online platform that helps high school students understand their unique strengths, connect their interests to careers, set goals, and develop self-knowledge and personal motivation.

Students can use Naviance to access college and scholarship information, career information, and unofficial GPA and standardized test scores. Students and parents may request transcripts and link to college applications and financial aid forms (FAFSA) via Naviance.

Go Center

Each high school campus houses a Go Center staffed by a group of current college students known as the G-Force. The G-Force mentors make weekly visits to high school campuses and provide college enrollment guidance and post-secondary mentoring. G-Force mentors assist one-on-one with 9th-12th grade students to create a college-going culture.

FAFSA – Free Application for Federal Student Aid

Financial aid is available from a variety of sources. Financial aid can come from federal, state, school and private sources to help you pay for college or career school. Types of aid include grants, scholarships, loans, work study jobs, and tax benefits.

Federal student aid covers expenses such as tuition and fees, room and board, books and supplies, and transportation. There are three types of federal student aid:

- Grants – financial aid that doesn't have to be repaid (unless, for example, you withdraw from school and owe a refund)
- Work-study – a work program through which you can earn money to help you pay for school
- Loans – borrowed money for college or career school; you must repay your loans, with interest

Apply for federal student aid using the Free Application for Federal Student Aid (FAFSA) form which can be completed at this link: <https://studentaid.ed.gov> or by downloading the **myStudentAid** app for iOS or Android. Remember, the first F in "FAFSA" stands for "free" – do not pay to fill out the FAFSA form.

The FAFSA application opens on October 1 of each year; however, students and parents can create an FSA ID prior to the opening date at <https://StudentAid.Gov/FSAID> . To get started filling out the FAFSA, you will need to provide:

- E-mail address
 - Don't use the same e-mail address as your parent
 - Don't use your Denton ISD email address because you need to have access throughout your college career
- FSA ID username
 - Don't include personal information, such as your name or DOB
 - If you receive a message that says, "username taken, create a different username", you must create a new one
- FSA ID password
 - Store your password in a safe place
- Social Security Number, date of birth and name (should match what is printed on your social security card)

Students and parents should gather other necessary documents/information prior to completing the FAFSA. Visit <https://www.dentonisd.org/Page/100157> for a list of helpful items.

If you are a foreign student or non-citizen, you may be eligible to be classified as a Texas resident for tuition purposes. If so, you may be eligible to receive state financial aid. You can complete the Texas Application for State Financial Aid (TASFA) to determine potential aid. For more information visit College for All Texans at <http://www.collegeforalltexas.com>.

Assistance in completing the FAFSA or the TAFSA is provided on all high school campuses. Pay attention to social media, announcements, and emails to learn when FAFSA/TAFSA workshops are available.

Post-Secondary Planning Tips

Planning Tips for Seniors

Throughout Senior Year

- Check school email regularly
- Request transcripts in Naviance once you have applied to your colleges
- Watch for scholarship and college application due dates
- Male students – register with the Selective Service <https://www.sss.gov/Home/Registration> when you turn 18

August

- Verify your high school graduation plan with your counselor
- Review your transcript for accuracy
- Review current grade point average in Naviance
- Register for the ACT/SAT or TSIA if applicable (Free/reduced lunch students can receive a waiver from their counselor)
- Update essays or writing samples that may be required for applications
- Prepare/update a resume to include work experience, school and community activities/clubs, awards earned, leadership positions and volunteer experience
- Narrow down college, university, technical school choices
- NCAA/NAIA applicants verify with your counselor that you are on track to complete the Core Course Requirements and complete you NCAA/NAIA task checklist
- Listen to announcements and follow counseling department social media for scholarship information and visits from college and military representatives

September

- Attend NorTex College Fair
- Visit college campuses, tour dorms, talk to admissions and financial aid officers
- Request recommendation letters from teachers, coaches, counselors if required via Naviance
- Continue to listen to announcements, follow social media sites and check email regularly to gather information about scholarships, future visits from college and military representatives, and upcoming financial aid workshops
- Visit campus Go Center to get help with college applications and create FSA ID for the Free Application for Federal Student Aid (FAFSA) at www.fafsa.ed.gov
- Watch for college housing registration and deposit dates

October

- Attend the Denton ISD College and Career Expo
- Complete the FAFSA (application opens on October 1)
- Complete college applications for the schools you are considering
- Request official transcripts for each college to which you are applying
- Explore financial aid options at your selected colleges
- Apply for any available scholarships – Denton Public School Foundation (DPSF) application opens in October
- Register and pay for AP/IB exams
- Order graduation invitations and cap and gown from Jostens

November

- Complete college applications (pay close attention to application and scholarship deadlines)
- Submit DPSF scholarship application
- Review/update your resume for potential jobs
- Contact local businesses' personnel departments to learn about entry level positions for high school graduates and see the Career Counselor regarding the High School Works Program
- Consider shadowing workers or interning at potential job sites as your schedule allows
- Mark your calendar for certification exams and schedule review sessions
- Visit with military campus representatives to investigate opportunities in the military if applicable
- Request transcript via Naviance before Thanksgiving break for Dec. 1 college application deadlines

December

- Take any remaining EOC/STAAR exams
- Review your schedule for the Spring semester

January

- Complete and submit any college applications or scholarships by the determined deadlines
- Attend any additional informational sessions provided by campus regarding postsecondary planning
- Review your fall semester transcript for accuracy

February

- Confirm AP exam registration and complete payments as necessary
- Begin review for AP/IB exams
- Continue to work on scholarship applications
- Inform your counselor of any scholarships and financial aid packages you are awarded
- Respond to college acceptance notices
- Meet college deadlines for Financial Aid and Scholarship applications

March

- Take any remaining EOC/STAAR exams if necessary
- Continue to consider admission and financial aid offers
- Continue application for scholarships as they become available
- Submit housing application if you have not done so
- Confirm you have met required TSI cut scores for in state public schools
- Register and take the TSI if necessary
- Continue to prepare for AP/IB exams or certification tests

April

- NCAA/NAIA applicants: complete amateurism questionnaire sign final authorization signature online
- Continue to study for AP/IB exams and certification tests
- Make final decision for college choice
- Notify all colleges of decision to accept or decline admittance
- Make final decision for postsecondary plan
- Register for college summer orientation

May

- Take AP/IB exams and/or certification Tests
- Request final transcript to be sent to college of choice via Naviance Senior Survey
- Send thank you notes to scholarship donors
- Register for college summer orientation
- If you have not applied, it's still not too late – visit with your counselor
- GRADUATION!

Planning Tips for Juniors

August

- Verify your high school graduation plan with your counselor
- Review your transcript for accuracy
- Review current grade point average in Naviance
- Review ACT/SAT test dates, and develop a review plan
- Become involved in clubs and organizations in your school and/or community
- Prospective college student athletes (D1, D2 or NAIA) should register with the NCAA eligibility center (www.eligibilitycenter.org) and or NAIA (www.naia.org) and verify Core Course Requirements with your counselor
- Check your school email on a regular basis and continue to do so throughout the year
- Get in the habit of monitoring your grades and attending tutorials as necessary

September

- Attend NorTex College Fair
- Update your resume with school and community activities/clubs, awards earned, leadership positions and volunteer experience
- Meet with your counselor to discuss college and/or career goals
- Schedule college campus visits – you are provided two excused absences for college visits in your junior year
- Review for the PSAT
- Follow counseling department social media to receive important information regarding college and military representative visits

October

- Attend the Denton ISD College and Career Expo
- Take the PSAT
- Continue to research colleges and careers
- Research financial aid and scholarship opportunities for potential colleges
- Register and pay for AP/IB exams

November

- Begin to narrow down your post-high school options
- Review your schedule for the Spring semester

January

- Review your PSAT scores and develop study plan for SAT
- Register for a Spring ACT or SAT exam
- Attend any additional informational sessions provided by your campus regarding postsecondary planning and financial aid
- Review your fall semester transcript for accuracy and begin considering courses you wish to take your senior year

February/March

- Continue to focus on academic course work
- Confirm AP exam registration and complete payments as necessary
- Begin review for AP/IB exams
- Continue college campus visits – you are provided two excused absences for college visits in your junior year
- Verify courses for your senior year

April/May

- Take EOC/STAAR exam(s)
- Continue to prep for AP/IB exams and final exams
- Take IB/AP exams
- Take certification tests
- If necessary, make plans for credit recovery and/or summer school

Summer

- Take advantage of summer opportunities: volunteer work, academic opportunities and camps, jobs, and camps
- Visit colleges and look for summer enrichment programs
- Begin to prepare essays and resumes for college applications
- Investigate SAT/ACT test opportunities
- Narrow post high school choices
- Apply for colleges – many applications open July 1 or August 1

Planning Tips for Sophomores and Freshmen

August/September

- Verify your high school graduation plan with your counselor
- Verify the courses you are taking align with your post high school plans
- Get involved in clubs and activities on campus
- Utilize Naviance and other tools to investigate post high school plans
- Get in the habit of monitoring your grades regularly and attending tutorials as necessary
- Attend NorTex College Fair
- Register and pay for AP Exams

October/November/December

- Take advantage of free opportunities to prepare for college entrance exams: PSAT, SAT, ACT
- Attend the Denton ISD College and Career Expo
- Continue to monitor your grades regularly and attend tutorials as necessary
- Prepare for and take final exams

January/February

- Discuss next year's courses with your parents, teachers and counselors
- Review PSAT scores and use information to make informed course choices

March/April

- Continue to utilize Naviance to explore post high school options
- Verify course selections for your sophomore/junior year
- Take EOC/STAAR exams

May

- If necessary, make plans for credit recovery and/or summer school
- Investigate summer opportunities

Summer

- Take advantage of summer opportunities: volunteer work, academic opportunities and camps, jobs, and camps
- Visit colleges and look for summer enrichment programs
- Create/update resume
- Identify colleges with majors/programs that meet your career interests

STAAR / EOC

The State of Texas Assessment of Academic Readiness (STAAR) program includes annual assessments for high school students. These assessments are based on the state curriculum standards called the TEKS (Texas Essential Knowledge and Skills). Students are required to meet the passing standard on these five STAAR EOC assessments in order to graduate:

English I
English II
Algebra I
Biology
U.S. History

Students have four hours to complete the Algebra I, Biology, and U.S. History tests, and they have five hours each to complete the English I and English II exams, which are combined reading and writing tests. Special accommodations are available to some students who receive special education services.

If a student took an end-of-course assessment in middle school and passed, then the student is not required to retake the test in high school. For example, if an 8th grade student took Algebra I in middle school, took the Algebra I end-of-course exam and passed both the course and the test, the student does not retake the assessment in high school.

Additional information on the state's testing program can be found on the Texas Education Agency website: https://tea.texas.gov/Student_Testing_and_Accountability/Testing/State_of_Texas_Assessments_of_Academic_Readiness

The Texas Assessment Agency sets the calendar for STAAR/EOC testing. Current and future testing calendars can be found here: https://tea.texas.gov/Student_Testing_and_Accountability/Testing/Student_Assessment_Overview/Testing_Calendars

PSAT, SAT, and ACT Information

Many universities require college entrance exams. The two most widely used are SAT (www.collegeboard.org) and ACT (www.act.org). You can visit their websites for information on fees, registration, preparation, test dates and deadlines, career and college searches, and information management. See your campus counselor for additional information. Let SAT and ACT help keep track of your personal college countdown!

SAT Readiness Center

College Board and Khan Academy have partnered to help students prepare for the SAT through a personalized free practice program. Log onto the following link for additional information: <https://www.khanacademy.org/> Select "Test Prep"

High School Codes for College Entrance Testing

Denton ISD Campus	Campus Code
Ryan High School	441950
Denton High School	441951
Guyer High School	441946
Fred Moore High School	441941
Braswell High School	440018

Preliminary SAT / National Merit Scholarship Qualifying Exam (PSAT)

The PSAT is a "Pre-SAT" test given for practice in the 10th grade. In the 11th grade, the PSAT is used as a qualifying exam for the National Merit. The Board of Trustees of Denton ISD supports the importance of taking the PSAT by providing funds for all high school students to take this exam. All 10th and 11th graders will take the PSAT each year in October, free of charge.

National Merit Scholarship Information

The PSAT/NMSQT (Preliminary Scholastic Aptitude Test / National Merit Scholarship Qualifying Test) is a standardized test that measures developed verbal, mathematical, and writing abilities important for success in college. It can provide students with valuable information about academic strengths and weaknesses for and help assess personal test taking skills. See the next page and your counselor for more information on how the PSAT can help you better prepare for college admissions. The three tests in the PSAT/NMSQT are the Reading Test, the Writing and Language Test, and the Mathematics Test.

For more information regarding the key content features, visit <https://collegereadiness.collegeboard.org/psat-nmsqt-psat-10/inside-the-test/key-features>.

Reasons for Taking the PSAT / NMSQT

- The PSAT / NMSQT gives students practice for taking the SAT because both tests have the same kinds of questions and similar scores. Taking the PSAT / NMSQT helps students plan for college, gives students an idea of how they will do on a college admission test, and helps them identify colleges that seek students like themselves.
- The PSAT / NMSQT lets students compare their ability to do college work with the ability of other college-bound students. After the test, students will receive a PSAT / NMSQT Score Report and their test book so that they can review their own performance.
- Taking the PSAT / NMSQT is the first step in entering the scholarship programs conducted by National Merit Scholarship Corporation (NMSC).

Scholarship Program

The PSAT/NMSQT is the qualifying test for entry to the National Merit Scholarship Program, an academic competition for recognition and scholarships. The PSAT/NMSQT includes a Student Search Service connecting the students to scholarship partners including the American Indian Graduate Center, APIA Scholars, Children of Fallen Patriots, Cobell Scholarship, Coca-Cola Scholars Foundation, Gates Scholarship, Hispanic Scholarship Fund, Horatio Alger Association, Jack Kent Cooke Foundation, The Jackie Robinson Foundation, Marine Corps Scholarship Foundation, Ron Brown Scholar Program, TheDream.US, and the United Negro College Fund.

For more information, visit <https://collegereadiness.collegeboard.org/psat-nmsqt-psat-10/scholarships-and-recognition/scholarship-partners-programs>.

Selection for these competitions is initially based upon the student's score on the PSAT given during the junior year of high school. In addition, the student must make a comparable score on the SAT, which MUST be taken before December of their senior year in high school.

Other Scholarship and Financial Aid Information

- Naviance: <http://connection.naviance.com>
- College for Texans: www.collegeforalltexas.com
- FASFA (Free Application for Federal Student Aid): www.fafsa.ed.gov and <http://studentaid.ed.gov>
- Financial Aid Calculator: www.finaid.org/calculators/fiidestimate.phtml
- Minority Student Scholarships: www.uncf.org/scholarships
- The College Board: <https://bigfuture.collegeboard.org/pay-for-college/financial-aid>
- ACT: <https://forms.act.org/act-profile/>
- Also, check your campus website and with your campus counseling department

Academic Eligibility Centers

Students interested in playing college sports at a Division I, or II school should visit this NCAA site to learn about initial eligibility and academic standards requirements:

<http://www.ncaa.org/student-athletes/future/academic-standards-initial-eligibility>

Students interested in playing sports at an NAIA college or university should visit the following link to learn more about the specific requirements:

<https://www.playnaia.org/page/faqs.php>

Students should register with the appropriate Eligibility Center at the beginning of their junior year in high school. At the end of the student's junior year, students should request a transcript including six semesters of grades be sent from the high school to the appropriate Eligibility Center. Additionally, students should have their SAT or ACT scores forwarded directly to the Eligibility Center whenever they take the exam. Some students may be eligible for fee waivers. A student who chooses to play at the community or junior college level, must be cleared through the clearinghouse or the student is required to acquire an associate's degree to move on to a Division I school.

High School Codes

Denton ISD Campus	Campus Code
Ryan High School	441950
Denton High School	441951
Guyer High School	441946
Fred Moore High School	441941
Braswell High School	440018

Additional Contact Information

Organization	Website	Phone
NCAA	www.ncaa.org	317-917-6222
Eligibility Center	www.eligibilitycenter.org	877-268-1492
NAIA	www.naia.org	816-595-8180
NAIA Eligibility Center	www.playnaia.org	816-595-8300

A guide for the college bound athlete is available on-line at the Eligibility Center.

Advanced Academics

HONORS AND ADVANCED PLACEMENT

In Denton ISD, advanced level courses are designed to provide students with content and learning experiences that reach greater depths of complexity. Course experiences are made challenging through an emphasis on critical thinking skills, productive thinking, and complexity of learning experiences.

Honors

The Denton ISD Honors program gives students the opportunity to challenge themselves academically and prepare themselves for future success in Advanced Placement and Dual Credit courses. The goals of this program include:

- Increasing the number of students who are able to access and complete college-level work, like AP and Dual Credit, before leaving high school
- Improving the rates of college readiness for all students
- Expanding high school course offerings in English, mathematics, science, social studies, languages other than English, and arts

Advanced Placement

The Denton ISD Advanced Placement (AP) program gives students the opportunity to challenge themselves academically, set themselves apart in the college admission process, and earn college credit and placement with a successful exam score.

Why AP? Working Towards College Success

- Stand out in college admissions process with an AP course on transcript
- Access a college-level curriculum
- Earn college credits with a qualifying score on AP test
- Build college, career, and military skills with rigorous learning and support in a high school classroom

The AP courses include a curriculum framework reflecting the nature of the subject; a differentiated curriculum that includes a wider range and greater depth of subject matter than that of the regular course; an emphasis on higher level and critical thinking skills; provision for creative, productive thinking; a focus on cognitive concepts and processes; instructional strategies that accommodate the learning needs of the students involved; and independent as well as guided research.

An examination is available through the College Board upon completion of the required material for possible advanced placement college credit. The AP examination is given in May and results are sent to the colleges/universities of the student's choice. Placement and credit are granted by institutions in accordance with their own policies. More information can be found on the College Board site:

<https://apstudents.collegeboard.org/getting-credit-placement/search-policies>

Available AP Courses in Denton ISD

(Not all courses are available at all campuses.)

AP English Language	AP Biology	AP Spanish Literature
AP English Literature	AP Chemistry	AP German Language
AP Calculus AB	AP Physics 1	AP Psychology
AP Calculus BC	AP Physics 2	AP Human Geography
AP Statistics	AP Physics C: Electricity and Magnetism	AP World History
AP Computer Science	AP Physics C: Mechanics	AP United States History
AP Art History	AP Environmental Science	AP Government
AP Studio Art: 2-D Design	AP French Language	AP Macroeconomics
AP Studio Art: 3-D Design	AP Latin	AP European History
AP Studio Art: Drawing	AP Spanish Language	
AP Music Theory		

Additional Available AP Tests

AP Microeconomics	AP Comparative Government and Politics
AP Chinese Language	AP Computer Science Principles
AP Japanese Language	AP Italian Language

Advanced Placement Awards

Award	Requirements
AP Scholar	Granted to students who receive scores of 3 or higher on three or more AP Exams.
AP Scholar with Honor	Granted to students who receive an average score of at least 3.25 on all AP Exams taken, AND scores of 3 or higher on four or more of these exams.
AP Scholar with Distinction	Granted to students who receive an average score of at least 3.5 on all AP Exams taken, AND scores of 3 or higher on five or more of these exams.
State AP Scholar	Granted to the one female and one male high school student in each state and the District of Columbia with scores of 3 or higher on the greatest number of AP Exams, AND THEN the highest average score (at least 3.5) on all AP Exams taken.
National AP Scholar	Granted to students in the United States who receive an average score of at least 4 on all AP Exams taken, AND scores of 4 or higher on eight or more of these exams.
DoDEA AP Scholar	Granted to one female and one male student attending a school outside the United States and Canada that is not a DoDEA school with the highest average score on the greatest number of AP Exams. The minimum requirement is a score of 3 or higher on these exams.

International Baccalaureate Diploma Programme (at Denton High)

The Denton High School's International Baccalaureate Programme offers the most rigorous college preparatory work in Denton ISD. Our graduates have attended prestigious Ivy League schools such as Harvard and Princeton as well as other selective programs like those of Boston University, University of California, Berkeley, Johns Hopkins and Stanford. Our students have also earned millions of dollars in scholarships and have maintained a high retention rate once accepted into a four-year college or university.



Philosophy/ Objectives

The IB Diploma Programme is a challenging two-year course of study designed to meet the needs of highly motivated and talented high school students. It provides students with the intellectual, social, and critical perspective necessary for the international world. Students may enter the IB Diploma Programme at Denton High School beginning in grade 11 and continuing through grade 12. Students in the program will study how to learn, how to analyze, and how to reach considered conclusions about people and other cultures. The IB Programme takes on a special significance today when knowledge continues to expand dramatically and existence in an international community requires understanding and an appreciation of cultural diversity. It is essential, therefore, that academic training provides students with the skills and opportunities that will enable them to succeed in the competitive global society. For maximum success in the IB Diploma Programme, students must begin their second language of choice in their freshman year. American Sign Language does not count as an IB Language choice. Freshmen and sophomores are also highly encouraged to take at least 2 Honors courses. We strongly recommend Diploma Programme students to enroll in Economics or AP Economics during the sophomore year.

Benefits of the Diploma Programme

- College credit, which has exceeded 40 hours for some students
- Geared at multiculturalism and global topics
- Emphasis on extensive writing assignments like those found in university courses
- Fosters 21st century skills such as collaboration, problem-solving, and communication

Transfers for the IB Programme

Students who are not zoned to attend Denton High School must request a transfer. Transfer request applications may be obtained from the Denton ISD website April 1 – May 1. Meeting with the IB DP or MYP Coordinator is a requirement for anyone applying for a transfer. In order to maintain transfer status, DP students are required to participate in at least 2 higher level courses in both the 11th and 12th grades.

Texas Legislation and the IB Programme

Senate Bill 111 (2005) awards Texas seniors earning the IB Diploma with scores of 4 or better a total of 24 semester credit hours at any Texas public institution of higher education.

Denton High School IB Diploma Courses Offered for 2020-2021

Choose 3 at Higher Level and 3 at Standard Level. Full diploma programme candidates must choose ONE course from Groups 1-5 PLUS ONE from Group 6 or a second Group 2-4 course. See a list of specific course descriptions on page 110 of this planning guide.

For More Information on the DHS IB Programme...

Beth Hughes, IB DP Coordinator 940-369-2238, bhughes@dentonisd.org, www.dentonisd.org/dhsIB

Denton High School's IB Offerings

Studies in Language and Literature
<ul style="list-style-type: none"> • IB English language and literature HL (Higher Level)
Language Acquisition
<ul style="list-style-type: none"> • Spanish SL/HL (Standard Level and Higher Level) • French SL (Standard Level) • German SL (Standard Level) • Latin SL (Standard Level)
Individuals and Societies
<ul style="list-style-type: none"> • IB History of the Americas HL (Higher Level)
Sciences
<ul style="list-style-type: none"> • Biology SL/HL (Standard Level and Higher Level) • Environmental Systems and Societies SL (Standard Level) • Computer Science SL/HL (Standard Level and Higher Level) • Physics SL (Standard Level) • Chemistry SL (Standard Level)
Mathematics
<ul style="list-style-type: none"> • Mathematics: Analysis and Approaches (Standard Level) • Mathematics: Applications and Interpretation (Standard Level)
The Arts
<ul style="list-style-type: none"> • Visual Arts SL/HL (Standard Level and Higher Level) • Music SL (Standard Level and Higher Level) • Dance SL/HL (Standard Level and Higher Level) • Film SL/HL (Standard Level and Higher Level) • Theatre SL/HL (Standard Level and Higher Level)

* may also count as a Group 3 offering

Sample Schedules

Junior Year	Senior Year
<ul style="list-style-type: none"> • IB English III HL • IB Language Acquisition Choice III or IV SL • IB History of the Americas Year 1 HL • IB Biology Year 1 HL, Physics, or Honors Physics • Honors Algebra 2, IB Math Analysis SL, IB Math Applications SL, or Dual Credit Pre-Cal • IB Visual Arts SL/HL, Dance SL/HL, IB Computer Science SL/HL, Film SL/HL, Music SL/HL, or Theatre SL/HL • IB Research – Fall Semester • Theory of Knowledge - Spring semester • Choice Class or Dismiss 	<ul style="list-style-type: none"> • IB English IV HL • IB Language Acquisition Choice IV SL • IB History of the Americas, Year 2 HL • IB Biology HL, Environmental Systems and Society SL, IB Physics SL, IB Chemistry SL • IB Math Analysis SL or IB Math Applications SL • IB Visual Arts SL/HL, IB Dance SL/HL, IB Computer Science SL/HL, Film SL/HL, Music SL/HL, Theatre SL/HL • Theory of Knowledge – Fall Semester • IB Research – Spring semester • Choice Class or Dismiss

Gifted and Talented Program - EXPO

The EXPO program is the school district's program for gifted and talented students. The initial step in this process is the nomination of the student. Students can be nominated by their teachers, parents, peers, or they may nominate themselves. Following nomination, the students are screened by an established district process. Additional information about the program and the identification process can be obtained from the school counselor.



GIFTED & TALENTED

Contact the school counselor for a student application. Nominations at the high school level will be accepted each semester according to the district calendar. Information may be found at <http://www.dentonisd.org/expo>.

EXPO high school students are serviced through Honors, AP, IB, and Dual Credit. They must be enrolled in at least one of these courses.

Dual Credit

The dual credit program is a cooperative effort between the Denton Independent School District, Texas Woman’s University (TWU), the University of North Texas (UNT), and North Central Texas College (NCTC). The credit earned in these courses is counted for both high school and college credit.

To qualify for this program, a student must have a GPA of 2.5 and meet the college readiness assessment standard of the TSI. See the “TSI (Texas Success Initiative) Assessment, Exemptions, and Waivers” page in this course planning guide for additional information.

The student interested in this program must be accepted by the college or university (TWU, UNT, or NCTC). Students are required to complete the dual credit enrollment form and the Apply Texas application. Gaining the approval of the high school counselor is part of the application process.

Model	University	Application Fee	Tuition/ Fees (3 hours)	Free and Reduced Lunch Students
Embedded - Course selection includes on-campus (home high school) instruction with Denton ISD teachers and varies from campus to campus.	Texas Woman’s University (TWU)	\$50	\$196	Tuition/Fees waived for free students
Blended - Course selection includes online instruction with UNT adjunct professors and varies from campus to campus. Students meet with campus high school teachers twice a week to check progress.	University of North Texas (UNT)	\$75	\$225	Application Fee waived for free/reduced lunch students
Online – Course selection includes off campus and/or online instruction from NCTC.	North Central Texas College (NCTC)	\$0	\$390	Tuition/Fees waived for free/reduced lunch students (up to 6 hours per semester)

Additional Information

- Students are required to abide by the rules and regulations of both institutions.
- The student is responsible for the payment of all tuition, books and fees, as well as for providing transportation if the course is offered only at the university.
- The course will be counted as part of the student’s daily schedule; students taking university courses are still required to register for at least 6 classes at the high school.
- The grade earned will be designated on the high school transcript.
- While this course will earn university credit and will be recorded on a formal transcript, the transferability of this course to another university rests solely with the accepting institution. Students should consult the admissions officers of the appropriate institution for information regarding the transfer of credits.
- Students who want to take more than two dual credit courses must consult with their counselor.
- Students must pass all dual credit courses to be eligible to continue in the dual credit program.
- Students should check with their counselor BEFORE pursuing a college course to be certain it has been approved for high school credit and for any additional information.

Denton ISD Dual Credit Courses

Texas Woman's University

Course selection includes embedded (on-campus) instruction with Denton ISD teachers and varies from campus to campus.



Course Number	Course Description	Denton ISD Course	Credit Hours
MATH 1303	Elementary Analysis 1	Pre-Calculus DC (Fall)	3
MATH 1313	Elementary Analysis 2	Pre-Calculus DC (Spring)	3
MATH 1703*	Elementary Statistics 1	Statistics DC	3
MATH 2014*	Calculus 1	Calculus DC	4
GOV 2013	U.S. National Government	Government DC (Fall or Spring)	3
HIST 1013	U.S. History 1492-1865	U.S. History DC (Fall)	3
HIST 1023	U.S. History 1865-Present	U.S. History DC (Spring)	3
ECO 1023	Principles of Macroeconomics	Macroeconomics DC (Fall or Spring)	3
ENG 1013	Composition I	English III or IV Composition DC (Fall)	3
ENG 1023	Composition II	English III or IV DC (Spring)	3
ENG 2013	English Literacy Masterpieces	English IV DC Literature (Fall)	3
ENG 2153	Introduction to Literature	English IV DC Literature (Spring)	3
BIOL 1113/ BIOL 1121	Principles of Biology I/ Lab	Biology DC (Fall)	4
BIOL 1123/ BIOL 1121	Principle of Biology II/ Lab	Biology DC (Spring)	4
BIOL 1023	Environmental Biology	Environmental Science DC (Fall)	3
SCI 2103	Environmental Chemistry	Environmental Science DC (Spring)	3

*Students are enrolled in this year-long course at the high school and register for the university course in the spring only.

University of North Texas

Course selection includes online instruction with University of North Texas adjunct professors and varies from campus to campus.



Course Number	Course Description	Denton ISD Course	Credit Hours
PSCI 2305	U.S. Political Behavior and Policy	U.S. Government DC (Fall)	3
ECON 1110	Principles of Macroeconomics	Macroeconomics DC	3
HIST 2610	American History to 1865	U.S. History DC	3
HIST 2620	American History since 1865	U.S. History DC	3
PSCY 2306*	Texas Constitution and Institutions	Special Topics in Social Studies DC (Spring)	3

*Recommended only for students planning to enroll in Texas public colleges and universities after graduation

North Central Texas College

Course selection includes off campus instruction at North Central Texas College.



Course Number	Course Description	Denton ISD Course	Credit Hours
MATH 1314	College Algebra (Fall)	Pre-Calculus DC	3
MATH 1316	Trigonometry (Spring)	Pre-Calculus DC	3
MATH 2413	Calculus I	Independent Study DC	4
GOVT 2305	American National Government	U.S. Government DC	3
HIST 1301	American History to 1865	U.S. History DC	3
HIST 1302	American History from 1865	U.S. History DC	3
PSYC 2301	General Psychology	Psychology DC	3
SOCI 1301	Introduction to Sociology	Sociology DC	3
ECON 2301	Principles of Macroeconomics	Macroeconomics DC	3
ENGL 1301	Composition I (Fall)	English III DC or English IV DC	3
ENGL 1302	Composition II (Spring)	English III DC or English IV DC	3

TSI (Texas Success Initiative) Assessment, Exemptions, and Waivers



In Texas, students who demonstrate college readiness can enroll in dual credit courses while in high school. Students can demonstrate college readiness by achieving the minimum passing standard on the Texas Success Initiative (TSI) assessment or by gaining an exemption or waiver. A waiver allows a student to enroll in dual credit courses, but will not automatically make them TSI complete upon graduation from high school.

TSI Assessment Minimum Passing Standards
























State TSI Reading Standard	State TSI Writing Standard	State TSI Math Standard
351 or above	A placement score of at least 340, and an essay score of at least 4, or a placement score of less than 340, and an ABE Diagnostic level of at least a 4, and an essay score of at least 5	350 or above

Required Scores for TSI Exemptions and Waivers

University of North Texas	https://learningcenter.unt.edu/tsidualcredit
Texas Woman's University	https://twu.edu/testing/texas-success-initiative-assessment-tsia/tsi-eligibility-for-dual-credit-students/
North Central Texas College	https://www.nctc.edu/catalog/admissions-information/texas-success-initiative-tsi/index.html

College, Career, and Military Readiness

In Texas, students are considered to have reached “college, career, and military readiness” when they have met one of the success criteria identified by the Texas Education Agency. Denton ISD is committed to helping each student reach one of these criteria, so they are prepared for the future they plan to have in college, the workforce, or the military.

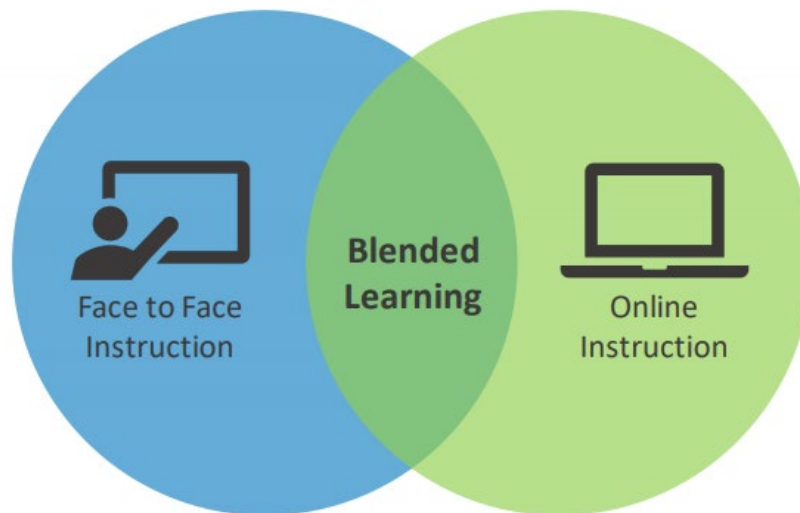
 College, Career, and Military Readiness 	
One  Required to Earn CCMR Point	
	College Readiness Assessment English and Math  EBRW-480 Math-530
	 Reading-351 Math-350
	 Verbal-19 and 23 Composite Math-19 and 23 Composite
	International Baccalaureate Test Advanced Placement Test
	Score 4 or better Score 3 or better
	  CollegeBoard
	Dual Credit English or Math-3 credit hours OR Dual Credit-9 credit hours in any subject
	  
	Earn an approved industry-based certification
	    
	Enlist in the United States Armed Forces
	 Armed Forces Vocational Aptitude Battery-ASVAB Score 31 or better
	Graduate with completed Individualized Education Plan (IEP) and Workforce Readiness

Blended and Online Learning

Blended learning is a formal education program in which a student learns:

1. At least in part through online learning, with some element of student control over time, place, path, and/or pace;
2. At least in part in a supervised brick-and-mortar location away from home; and
3. Where the modalities along each student's learning path within a course or subject are connected to provide an integrated learning experience.

The goal of utilizing a blended learning model is to personalize the learning experience for each student. With flexible classroom structures, teachers can customize learning to each student's strengths, needs, skills, interests, and abilities.



Benefits of Blended Learning

- Improves the efficacy and efficiency of the learning process
- Makes education more accessible and flexible
- Students learn at their own pace which can promote deeper learning, reduce stress, and provide student satisfaction.
- Teachers become engaged with their students due to meaningful opportunities for connection, collaboration, and communication.
- Students are engaged in self-paced learning, collaboration, discussions, projects, and personalized work that suits their specific needs and interests.

Models of Blended Learning in Denton ISD

Rotation Model — A course or subject in which students rotate between stations, at least one of which is online. Other stations might include activities such as small-group or full-class instruction, group projects, individual tutoring, and pencil-and-paper assignments. The students learn mostly on campus, except for any homework assignments. These blended learning classes are not identified in the course catalog since they are simply utilizing an instructional strategy and do not affect the student's schedule.

Enriched Virtual Model — A course or subject in which students have required face-to-face learning sessions with their teacher and then are free to complete their remaining coursework remotely. Online learning in Canvas is the backbone of student learning when students are located remotely. In DISD, our enriched virtual blended courses are typically for upperclassmen and are scheduled during the 1st and 5th periods. Two days each week are remote learning days; two days each week are mandatory in-class days; and one day per week is a flex day where attendance is subject to teacher discretion and required for students whose average falls below 80%. (Schedules may vary based on the subject and campus needs.)

A La Carte Model — A course that a student takes entirely online to accompany other experiences that the student is having at a school. The teacher for the a La Carte course is the online teacher. Students may take the a La Carte course either on-campus or off-site. This differs from full-time online school because most courses the student takes are in a traditional setting. DISD currently offers a limited amount of credit recovery and original credit courses in this manner. This option is available for students who are in danger of not graduating on time due to transfer credit issues and failure to earn credit for completed courses. Administration and counseling approval are required.

Flex Model — Online learning is the backbone of student learning in this “school within a school” setting. Students progress through an individually customized, fluid schedule among courses. The teacher provides face-to-face support on a flexible as-needed basis through individual tutoring. The main objective of DISD's flex model is to provide students a healthy, stable, encouraging environment where they can recover multiple credits needed for graduation. Administration approval is required. Not available on all campuses.

Fine Arts

The **Fine Arts** incorporate the study of dance, music, theatre, and visual arts to offer unique experiences and empower students to explore realities, relationships, and ideas. These disciplines engage and motivate all students through **active learning**, **critical thinking**, and **innovative problem solving**.

The fine arts develop cognitive functioning and increase student academic achievement, higher-order thinking, communication, and collaboration skills, making the fine arts applicable to college readiness, career opportunities, workplace environments, social skills development, and everyday life. Students develop aesthetic and cultural awareness through exploration, leading to creative expression. Creativity, encouraged through the study of the fine arts, is essential to nurture and develop the whole child. Denton ISD offers high school classes in a wide range of visual and performing arts. We offer course work in visual arts, band, choir, orchestra, dance, and theatre.

Visual arts (drawing, painting, sculpture, design) develop observation and perception, creative expression, exploring historical and cultural relevance, and critical evaluation and response. Students rely on personal observations and perceptions, which are developed through increasing visual literacy and sensitivity to surroundings, communities, memories, imaginings, and life experiences as sources for thinking about, planning, and creating original artworks. Students communicate their thoughts and ideas with innovation and creativity. Through art, students challenge their imaginations, foster critical thinking, collaborate with others, and build reflective skills.

Students have access to various **bands** (woodwinds, brass, and percussion), **choirs** (voice), and **orchestras** (strings) that develop music literacy, creative expression, historical and cultural relevance, and critical evaluation and response. The foundation of music literacy is fostered through reading, writing, reproducing, and creating music, thus developing a student's intellect. Through creative expression, students apply their music literacy and the critical-thinking skills of music to sing, play, read, write, and move. By experiencing musical periods and styles, students will understand the relevance of music to history, culture, and the world, including the relationship of music to other academic disciplines and the vocational possibilities offered. Through critical listening, students analyze, evaluate, and respond to music, developing criteria for making critical judgments and informed choices.

Students have access to **dance** (ballet, tap, jazz, various genres) where they explore perception, creative expression, historical and cultural relevance, and critical evaluation and response. Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes.



Theatre students (acting, technical theatre, musical theatre) explore inquiry and understanding, creative expression, historical and cultural relevance, and critical evaluation and response. Students develop a perception of self, human relationships, and the world. Students communicate in dramatic forms, engage in artistic thinking, build positive self-concepts, relate interpersonally, and integrate knowledge with other content areas in a relevant manner. Students engage in inquiry and dialogue, accept constructive criticism, revise personal views to promote creative and critical thinking, and develop the ability to appreciate and evaluate live theatre. Through diverse forms of storytelling and production, students exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences affords students opportunities to develop an understanding of self and their role in the world.

Student Leadership in Fine Arts

Performing and Visual Arts provide opportunity for students to exercise leadership skills through creativity, communication strategies, and public performance. The arts offer unique opportunity for innovation, problem solving, and critical analysis. Denton ISD has affiliations with various state organizations to support students in development of leadership skills.

TMEA (Texas Music Educators Association)

Students in high school band, choir, and orchestra classes develop audition skills and have the opportunity to audition for the TMEA All-Region and All-State bands, choirs, and orchestras according to the TMEA rules governing the audition process. Students selected to All-Region and All-State bands, choirs, or orchestras have the opportunity to perform with the state's top student musicians and learn from world-class conductors. All-State students attend and perform at the annual TMEA Convention, the largest music education event of its kind, where they gain access and connections to music schools, colleges, and conservatories from around the world. TMEA also sponsors the Texas Music Scholar Award designating students in high school music programs who exemplify attributes of meritorious performance in the areas of academic scholarship, musicianship, and citizenship.

UIL (University Interscholastic League)

The UIL is designed to support and enrich music and theatre education as an integral component of the public school curriculum in the state of Texas. Each year, Denton ISD students have the opportunity to participate among approximately one half million secondary school students and reap the benefits of participation in these UIL events: One Act Play, concert and sight-reading assessments, solo and ensemble contests, and marching band contests.

Texas Thespians/International Thespian Society

The International Thespian Society is an organization designed to support theatre education and provides students the opportunity to compete through various individual events, including solo, duet and group acting, pantomime, musical theatre, costume, lighting, and scenic design, and marketing. Students learn from world class theatre artists and have the opportunity to qualify for international competition. In addition, students have opportunity to explore the arts as a profession, audition for university programs, and scholarship opportunities. Citizenship and volunteerism are also opportunities through the Thespian organization. The Thespian Honor Society recognizes exemplary theatre students.

TFME (Texas Future Music Educators)

TFME was established by the Texas Music Educators Association to support students who have an interest in a music education career. The purpose of the chapters is for members to provide service to their school music programs and to prepare for entry into college music programs. TFME chapters meet at least four times per year and provide services to their school's musical organizations. Members explore the possibility of becoming a college music education major and TFME members who have preregistered may attend the annual TMEA Clinic/Convention.

Fine Arts as an Industry

The arts are a formidable industry in the United States, with nearly 100,000 nonprofit arts and culture organizations (e.g., museums, dance companies, symphonies, zoos, arts schools). Adding in for-profit arts businesses (such as film, design, publishing, and architecture), there are more than 600,000 businesses in the United States involved in the creation or distribution of the arts that employ 3 million people. The source for these data is Dun & Bradstreet, the most comprehensive and trusted source for business information in the United States.

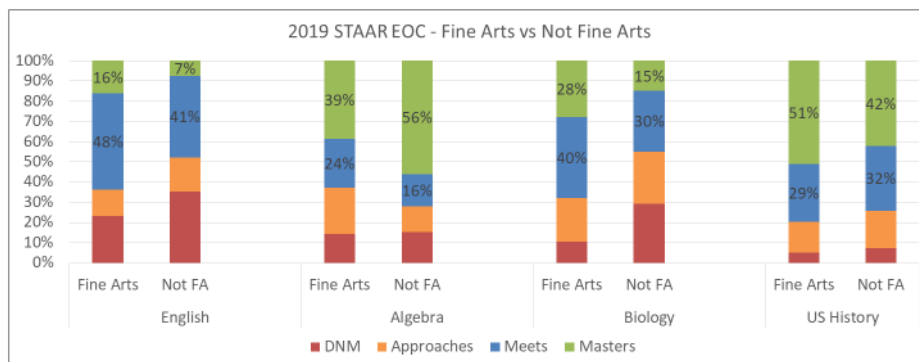
Nonprofit arts organizations and their audiences generate \$166.2 billion dollar in economic activity every year—\$63.1 billion in spending by organizations and an additional \$103.1 billion in event-related spending by their audiences, proving that the arts are an economic driver in their communities that supports jobs, generates government revenue, and is the cornerstone of tourism.

Source: Americans for the Arts

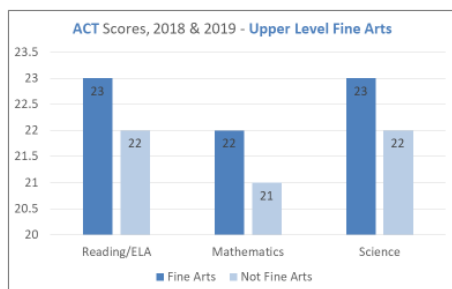
Fine Arts and Academics

Data from The College Board shows that students who take four years of arts and music classes while in high school score 98 points better on their SATs than students who took only one-half year or less.

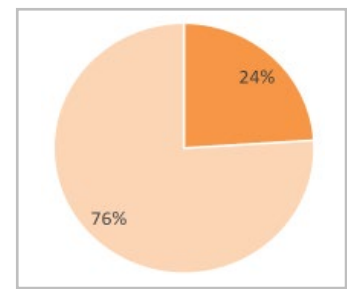
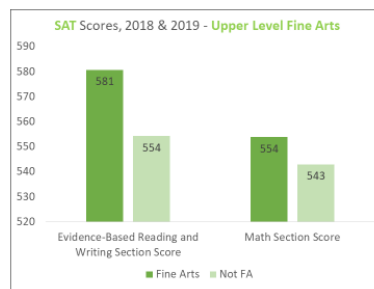
In Denton ISD, Fine Arts students score higher on STAAR, EOC, ACT, & SAT tests. Data below illustrate Fine Arts students' academic prowess specific to Denton ISD.



Students enrolled in any Fine Arts course were more likely to achieve Meets and Masters in English, Biology, and History than students not enrolled in Fine arts



Students enrolled in an upper level fine arts course scored higher on the SAT or ACT test



Percentage of students achieving valedictorian or salutatorian status in 2018-2019 enrolled in upper level fine arts courses

For information specific to your campus about scheduling fine arts across multiple endorsements, and/or creating a four year plan that includes fine arts combined with CTE or athletics visit this link: <https://www.dentonisd.org/domain/12768>

Career and Technical Education

Career and Technical Education courses are designed to prepare students in the technical and professional skills necessary to succeed in today's high-demand occupational environment. Career and Technical Education can help a student explore his/her potential and establish future career goals. Our mission is to provide a positive difference in the lives of our students by making connections through technology-rich, academically-rigorous curriculum and real-world applications that empower our students to become contributing members of the global community.

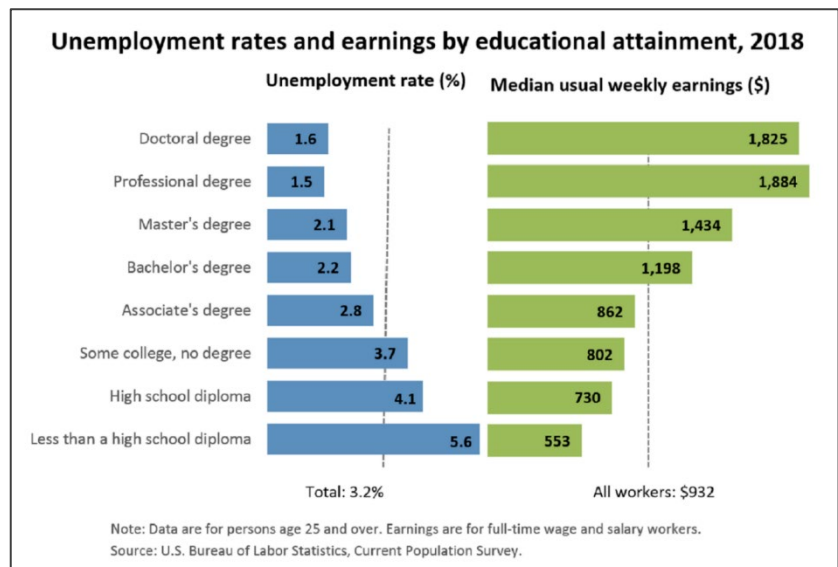
Questions concerning any of the following courses or requests for career information may be directed to any of the Career Counselors or CTE Director. For additional CTE information visit our website at www.dentonisd.org/CTE.

Campus Contacts

Campus	Campus Contact	Email	Phone
Advanced Technology Complex	Susan Reyes	sreyes@dentonisd.org	940-369-4838
Braswell High School	Kim Rhodes	krhodes@dentonisd.org	972-347-7928
Denton High School	Julie Holladay	jholladay@dentonisd.org	940-369-2020
Guyer High School	Jeanie Bragg	jbragg@dentonisd.org	940-369-1033
Ryan High School	Courtney Skaggs	cskaggs@dentonisd.org	940-369-3025

Why Career Planning?

- To gain the latest occupational information
- To expand and consider other career options
- To narrow potential occupations
- To plan educational courses
- To interpret career assessments in grades 9-12
- To prepare your individualized four-year high school plan
- To develop post-secondary plans
- To understand and establish your articulated program of study



CTE Dual Credit

Program requirements, cost, and application process will be discussed at the ATC Dual Credit Program meetings. For more information please check the ATC website.

North Central Texas College

Course Number	Course Description	Credit Hours
SC804D	Firefighter I DC	2
SC808D	Firefighter II DC	2
SC920D	Emergency Medical Technician DC	2
SC224D	Graphic Design I and Lab Dc	2
SC208D	Commercial Photography I and Lab DC	2



Tarrant County College

Course Number	Course Description	Credit Hours
AC524D	Aircraft Airframe Technology	



Advanced Technology Complex (ATC) Special Information

Denton ISD's Advanced Technology Complex is a professional training facility to prepare high school students for today's and tomorrow's high demand careers. This state-of-the-art facility provides professional training, industry certification preparation and opportunities for college credit.



Classes at the ATC have fees associated with them for lab materials, supplies and professional certification examinations. Placement is not guaranteed. Student's attendance, behavior and grades may be considered in course placement with an expectation of maintaining these areas while attending. Buses will be available for student transportation to and from the ATC. Students can drive to the ATC if in compliance with Denton ISD District Policy.

Courses at the ATC are double-blocked (two class periods). Students will complete one full credit per semester.

If you have questions or need more information, contact Principal Marcus Bourland at 940-369-4850.

Academic Credit for Career and Technical Education

Students may choose from the following options for required academic credit:

Science
<ul style="list-style-type: none">• Food Science, Grade Level 12, 1 Credit• Advanced Animal Science, Grade Level 11-12, 1 Credit• Forensic Science, Grade Level 12, 1 Credit (ATC)• Engineering Science, Grade Level 11-12, 1 Credit (ATC)• Anatomy and Physiology, Grade Level 11-12, 1 Credit
Math
<ul style="list-style-type: none">• Accounting, Grade Level 11-12, 1 Credit
Fine Arts
<ul style="list-style-type: none">• Floral Design, Grade Level 10-12, 1 Credit

Student Leadership in CTE

Leadership training is an essential component in Career and Technical programs. Career and Technical Student Organizations serve as a cohesive agent in the worldwide networking of education, business, and industry. Competitive events enhance career preparation, workplace competencies, self-confidence, and the instructional program.

BPA (Business Professionals of America)

BPA is a student organization that contributes to the advancement of leadership, citizenship, personal growth, as well as academic and technological skills.

DECA (Marketing)

DECA is a student organization which provides well-planned activities that can be integrated into the curriculum and projects that promote occupational competence for students. DECA is committed to building relationships between education and the business community that will enhance the career and educational development of students.

FCCLA (Family, Career, and Community Leaders of America)

FCCLA is a student organization that provides opportunities for personal growth and leadership development through Family and Consumer Sciences Education. Focusing on the multiple roles of family member, wage earner, and community leader, FCCLA members develop skills for life through personal development, creative and critical thinking, interpersonal communications, practical knowledge, and career preparation.

FFA (National FFA Organization)

FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.

HOSA (Health Occupations Students of America)

HOSA is a student organization that provides opportunities for leadership development, knowledge and skill recognition through the competitive events program and community service projects. By networking with health care professionals, students receive guidance in selecting and pursuing a health career.

NTHS (National Technical Honor Society)

A nationally recognized honor organization with thousands of member schools and colleges. Students must meet membership standards and should be persons who have demonstrated scholastic achievement, skill development, leadership, honesty, responsibility, and good character. NTHS Technical Student Membership is an important career and professional investment recognized by education, business and industry.

TAFE (Texas Association of Future Educators)

TAFE is a statewide leadership organization that encourages students to learn about careers in education and assists them in exploring the teaching profession while promoting character, service and leadership skills necessary for becoming effective educators.

TSA (Technology Student Association)

TSA is a student organization that enhances personal development, leadership, and career opportunities in STEM, whereby members apply and integrate these concepts through intracurricular activities, competitions, and related programs. Leadership training is provided through curriculum activities in which students learn to conduct and participate constructively in organized meetings, speak effectively before groups, work cooperatively with others, solve problems, and compete as individuals. TSA assists students in the achievement of technologically related competencies in the areas of bio-related technology, communication, engineering, electronics, graphics design, manufacturing, and research and development.

SKILLS USA

SKILLS USA/VICA is a national organization preparing students for careers in trade, technical and skilled service occupations, including health science occupations. As an integral part of the instructional program, Skills USA activities enhance and expand classroom instruction to ensure that America has a skilled workforce.

Alternative Methods for Earning Credit

Credit Recovery

Credit recovery is an alternative to repeating a course and may be used in certain extenuating circumstances. Options include computer-assistant/online learning, the Texas Virtual School Network (TxVSN), or other TEA-approved programs. Students can work with the campus counselor to determine what credit recovery pathways are available.

Credit by Exam

A student may be awarded credit based on a credit by exam taken either with or without prior instruction.

Denton ISD provides services for Credit by Exam (CBE) through arrangements made with Texas Tech University and the University of Texas at no cost to the parent. The campus counseling department handles registration, and the district Department of Counseling Services facilitates the administration of these tests. All credit by exam administrations must be approved by the campus or district in advance of test administration.

Students who receive permission to register and complete exams any time after April 1st of the current school year may not receive test scores in time to participate in May commencement. A student who wishes to graduate in the current school year must either enroll in the necessary classes for the second semester or complete the CBE before the end of the first semester.

Students may not attempt to earn credit by exam for the same high school subject more than two times.

If a student fails to earn credit by examination for a course before the beginning of the school year in which the student would ordinarily be required to enroll in that course in accordance with the district's prescribed course sequence, the student must satisfactorily complete the course to receive credit for the course.

When a student earns credit by CBE, the school district is required to enter the examination score on the student's transcript. Grade points are calculated in GPA.

CBE with No Prior Instruction

Students who have had no prior instruction may be awarded credit for the applicable course if the student receives an 80% or higher on the CBE. When a student is given credit on the basis of a CBE on which the student scored 80% or higher, the student is not required to take an applicable end-of-course assessment. At this time, the following exams are not available for CBE with no prior instruction due to Texas Education Code: Algebra I, Biology, English I, English II, and U.S. History.

CBE with Prior Instruction

Students who have had prior instruction in a course may be awarded credit for the applicable course, subject to local district policy, if the student scores 70% or higher on the CBE. Evidence of "prior instruction" is determined by the district.

Credit by Exam Quarterly Testing Windows

A student may take a specific examination only once during each window.

January 1 - March 31
April 1 - June 30
July 1 - September 30
October 1 - December 31

Additional Credit by Exam Resources

TEC, §28.023: <http://www.statutes.legis.state.tx.us/Docs/ED/htm/ED.28.htm#28.023>

TAC, §74.24, Credit by Examination: <http://ritter.tea.state.tx.us/rules/tac/chapter074/ch074c.html#74.24>

Texas Tech University ISD: <https://www.depts.ttu.edu/ttuisd/cbe.php>

Study Guide information must be directly obtained from TTU <http://www.depts.ttu.edu/ttuisd/cbe.php> or UT https://highschool.utexas.edu/cbe_study_guides.

Correspondence and Distance Learning Courses

Credit toward state graduation requirements may be granted for correspondence courses under the following conditions:

- A student obtains approval from the principal or designee prior to enrollment in the course;
- The institution offering the course is the University of Texas at Austin, Texas Tech University, or other public institution of higher education approved by the commissioner of education;
- The correspondence course meets all state-required standards (TEKS) for the course; and
- Seniors submit the final grade at least thirty days prior to the date of graduation.

Denton ISD students may earn a maximum of 2 state-required credits through correspondence courses and may be enrolled in only one correspondence course at a time. The superintendent or designee may exercise discretion in waiving limitations on an individual basis.

The state STAAR End of Course exams are still required for a course taken by correspondence.

Denton ISD participates in the Texas Virtual School Network (TXVSN) so students may take specific coursework online. Please check with your counselor for exact details regarding this program.

Concurrent Enrollment

Concurrent enrollment classes are university classes that receive university credit only and are limited to students in their senior year. The student is admitted as a regular college student. The college courses are counted as part of the student's high school course load even though high school credit is not awarded. Proof of enrollment must be filed with the high school registrar.

In order to be eligible for this opportunity, the senior must be able to complete all requirements for graduation through the high school. A student must obtain approval from the principal or designee prior to enrollment in the course, successfully apply to the university, and pass the TSI Assessment.

Core Academic Program Course Descriptions



English Language Arts

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SLAE1R	English I	9	1
SLAS1S	English I ESOL (Speakers of Other Languages)	9	2 1 State, 1 Local
SLAE1H	English I Honors	9	1
SLAE2R	English II	10	1
SLAS2S	English II ESOL (Speakers of Other Languages)	10	2 1 State, 1 Local
SLAE2H	English II Honors	10	1
SLAE3R	English III	11	1
SLAS3S	English III ESOL (Speakers of Other Languages)	11	2 1 State, 1 Local
SLAE3P	AP English III: Language and Composition	11	1
SLAE3D	English III Dual Credit – Composition	11	1
SLAE4R	English IV	12	1
SLAE4B	English IV Blended	12	1
SLAE4D	English IV Dual Credit – Composition	12	1
SLAE4P	AP English IV: Literature and Composition	12	1
SLAL4D	English IV Dual Credit – Literature	12	1
SECWRR3	Creative Writing	10-12	.5-1
SERI1R1	Reading Improvement I	9-12	1
SERI1R1	Reading Improvement II	9-12	1
SEAL1R	Accelerated ELA I	9	1
SEAL2R	Accelerated ELA II	10	1
SLACPO	College Preparatory ELA	12	.5
SEPS1R	Public Speaking I	9-12	1

SEPS2R	Public Speaking II	10-12	1
SEDB1R2	Debate I	9-12	1
SEDB2R2	Debate II	10-12	1
SEDB3R2	Debate III	10-12	1
SEJNR2	Journalism I	9-12	1
SEJPJR1	Photojournalism	9-12	.5-1
SEJN1R1	Advanced Journalism – Newspaper Production I	9-12	1
SEJN2R1	Advanced Journalism – Newspaper Production II	10-12	1
SEJN3R1	Advanced Journalism – Newspaper Production III	11-12	1
SEJY1R2	Advanced Journalism – Yearbook Production I	9-12	1
SEJY2R2	Advanced Journalism – Yearbook Production II	10-12	1
SEJY3R2	Advanced Journalism – Yearbook Production III	11-12	1
SEJISR	Independent Study – Journalism Broadcast	10-12	1

SPECIAL EDUCATION ENGLISH LANGUAGE ARTS COURSES

The following courses are for students who meet the eligibility requirements for special education services. Enrollment is based on Admission, Review, and Dismissal (ARD) Committee decision and instructional arrangement.

SLAE1X	English I ALT	9	1
SLAE2X	English II ALT	10	1
SLAE3X	English III ALT	11	1
SLAE4X	English IV ALT	12	1
SERI1X	Reading Improvement I ALT	9-12	1
SERI2X	Reading Improvement II ALT	9-12	1

ENGLISH LANGUAGE ARTS COURSE DESCRIPTIONS

<p>SLAE1R English I</p> <p>Grade Level – 9 Credits – 1 Prerequisite – None</p>	<p>English I provides a year-long program of interrelated language skills with study in the areas of reading, writing, speaking, and listening. The course includes a study of literature, creative writing, and introductory research skills. English I students are given an opportunity to refine the skills tested on STAAR.</p>
<p>SLAE1H Honors English I</p> <p>Grade Level – 9 Credits – 1 Prerequisite – None</p>	<p>Honors English I is an advanced level English course designed for students with a high degree of skill in reading, grammar, writing, and interpretation of literature. The course provides for the development of high-level thinking skills and an intensive in-depth study of literature and composition including grammar, mechanics and usage, reading concepts, and study skills. Honors English I places greater emphasis on critical thinking skills, student interaction, and independent research than does the English I class.</p>
<p>SLAE1S English 1 ESOL</p> <p>Grade Level – 9 Credits – 2 (State:1, Local:1) Prerequisite – LPAC Placement</p>	<p>ESOL I is a beginning level course that combines English 1 TEKS with English language acquisition learning strategies and methodology. The year-long program develops skills in listening, speaking, reading, writing, viewing, representing, and culture. Students will receive English 1 state credit as well as one local elective credit for this course.</p>
<p>SLAE2R English II</p> <p>Grade Level – 10 Credits – 1 Prerequisite – English I</p>	<p>English II studies the literary genres within the context of world literature. The language study stresses four writing styles – description, exposition, narration, and persuasion. Vocabulary development, language usage, grammar, and elements of style receive special priority in the study of both literature and language. A research component is included.</p>
<p>SLAE2H Honors English II</p> <p>Grade Level – 10 Credits – 1 Prerequisite – English I (Honors Recommended)</p>	<p>Honors English II is an advanced level English course designed for students with a high degree of skill in reading, writing, and interpretation of literature. The course provides for the development of high-level thinking skills and an intensive in-depth study of literature and composition. A research component is included. Honors English 2 continues to develop skills acquired in Honors English 1 and focuses on the necessary skills for success in AP English 3. A summer reading assignment is required. See ninth grade English teacher for assignment information.</p>
<p>SLAE2S English II ESL</p> <p>Grade Level – 10 Credits – 2 (State:1, Local:1) Prerequisite – LPAC Placement</p>	<p>ESOL II is an intermediate level course that combines English 2 TEKS with English language acquisition learning strategies and teaching methods. The year-long program develops skills in listening, speaking, reading, writing, viewing, representing, and culture. Students will receive English 2 state credit as well as one local elective credit for this course.</p>
<p>SLAE3R English III</p> <p>Grade Level – 11 Credits – 1 Prerequisite – English II</p>	<p>English III balances the study of literature, composition, and language while reviewing the fundamentals of composition and sentence structure employed in effective writing. English 3 studies American literature from the beginning of literary development in the United States through contemporary times, including representative writers and their contributions to the literary heritage of the United States. The course integrates writing skills with the study of literature and the research process.</p>

<p>SLAE3S English III ESL</p> <p>Grade Level – 11 Credits – 1 (Local: 1) Prerequisite – LPAC Placement</p>	<p>ESL III provides a balanced curriculum designed to further refine language acquisition support to immigrant and nonimmigrant students. Students receive instruction in increasingly advanced grammar and composition, content area writing, vocabulary, and test-taking strategies. Students will receive one local elective credit. Students also register concurrently in the appropriate English course.</p>
<p>SLAE3P AP English III: Language and Comp</p> <p>Grade Level – 11 Credits – 1 Prerequisite: English II (Honors English II recommended)</p>	<p>AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style.</p>
<p>SLAE3D English III Dual Credit: Composition</p> <p>Grade Level – 11 Credits – 1 Prerequisite: English II</p>	<p><u>Fall Semester – Composition I.</u> Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis. [TWU ENG 1013 and NCTC ENGL 1301]</p>
<p>SLAE4D English IV Dual Credit: Composition</p> <p>Grade Level – 12 Credits – 1 Prerequisite: English III</p>	<p><u>Spring Semester – Composition II.</u> (Prerequisite: ENGL 1301 or equivalent) Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. [TWU ENG 1023 and NCTC ENGL 1302]</p>
<p>SLAE4R English IV</p> <p>Grade Level – 12 Credits – 1 Prerequisite – English III</p>	<p>English IV introduces well-known British authors, their works and the thoughts that shape them. The course emphasizes the history and development of the English language, the art of critical thinking and writing, the techniques of research, and all grammatical structures that aid in effective communication. A research project is required.</p>
<p>SLAE4B English IV Blended</p> <p>Grade Level – 12 Credits – 1 Prerequisite – English III</p>	<p>This course includes the same content as the English IV course but is delivered in a blended learning environment.</p>
<p>SLAE4P AP English IV: Literature and Composition</p> <p>Grade Level – 12 Credits – 1 Prerequisite – English III (AP English III recommended)</p>	<p>The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work’s structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.</p>

<p>SLAL4D English IV Dual Credit: Literature</p>	<p><u>Fall Semester – British Literature</u> (Pre-requisite ENGL 1301 or equivalent). A survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. [TWU ENGL 2013]</p> <p><u>Spring Semester – Forms of Literature.</u> Introduction to the genres of fiction, poetry, and drama with an emphasis on critical reading. [TWU ENG 2153]</p>
<p>SECWRR3 Creative Writing</p> <p>Grade Level – 10-12 Credits – ½ or 1 Prerequisite – None</p>	<p>Creative Writing provides students the opportunity to produce original works that use sensory observation and concrete imagery. Students learn about structure, style, point of view, figurative language, and other effective language tools. Culminating efforts will allow students to publish original works. Course offered in the fall and spring.</p>
<p>SLACPO College Prep English</p> <p>Grade Level – 12 Credits – .5 Prerequisite – None</p>	<p>This course is for students in the 12th grade ONLY whose performance on an English Language Arts EOC assessment does not meet college readiness standards. Students who enroll in this class must be on the Foundation High School Program only. This course will be taught through an online program.</p>
<p>SER1R1 Reading Improvement I</p> <p>Grade Level – 9 Credits – 1 Prerequisite – Counselor Rec</p>	<p>Reading Improvement offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas.</p>
<p>SER2R2 Reading Improvement II</p> <p>Grade Level – 10 Credits – 1 Prerequisite – Counselor Rec</p>	<p>Reading Improvement offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas.</p>
<p>SER3R3 Reading Improvement III</p> <p>Grade Level – 11 Credits – 1 Prerequisite – Counselor Rec</p>	<p>Reading Improvement offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas.</p>
<p>SEAL1R Accelerated ELA I</p> <p>Grade Level – 9 Credits – 1 Prerequisite – Counselor Rec</p>	<p>This elective course, taken in conjunction with English I or II, is an academic support course designed to prepare students for greater success in reading and writing. Students will read and write widely while learning appropriate and effective application of grammar, comprehension of complex texts, responding to reading through writing, and effective use of vocabulary. Students will understand the recursive and interrelated nature of reading and writing. (Students earn .5 credit of Reading I and .5 credit of Practical Writing)</p>
<p>SEAL2R Accelerated ELA II</p> <p>Grade Level – 10 Credits – 1 Prerequisite – Counselor Rec</p>	<p>This elective course, taken in conjunction with English I or II, is an academic support course designed to prepare students for greater success in reading and writing. Students will read and write widely while learning appropriate and effective application of grammar, comprehension of complex texts, responding to reading through writing, and effective use of vocabulary. Students will understand the recursive and interrelated nature of reading and writing. (Students earn .5 credit of Reading I and .5 credit of Practical Writing)</p>

<p>SEPS1R Public Speaking I</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Public Speaking I and II involve the preparation, presentation, and evaluation of public speeches for a variety of purposes. Self-confidence and poise-building are stressed to improve skills through classroom practice. Special areas of public speaking include the presentation of informative and persuasive speeches, small group discussion, problem solving, analysis of famous speakers and speeches, student congress, and verbal/nonverbal communication.</p>
<p>SEPS2R Public Speaking II</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – None</p>	
<p>SEDB1R2 Debate I</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Debate is a specialized course that trains the student to analyze current social, political, and economic problems. Students develop analytical skills, quick thinking, research techniques, strategies, and the ability to defend worthy ideas. The course additionally addresses logic and reasoning and refutation with persuasive delivery through classroom debates. Students compete with their peers from other schools in the region.</p>
<p>SEDB2R2 Debate II</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Debate I and Instructor Approval</p>	<p>The skills of Debate I will continue to be emphasized. In addition, students will learn advanced debating strategies and topic analysis, study a variety of philosophers and philosophies, and practice advanced researching and case- writing skills. Outside practice and tournament participation are required.</p>
<p>SEDB3R2 Debate III</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Debate II and Instructor Approval</p>	<p>The skills of Debate I and II will continue to be emphasized. In addition, students will practice more sophisticated skills in topic analysis, research, case writing, and debating strategies. Strong emphasis is placed on independent study. Outside practice and tournament participation are required.</p>
<p>SEJNR2 Journalism I</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>The course covers the essential components and characteristics of newspaper journalistic writing including news stories, features, editorials, and headlines. This course will also stress the techniques of observation, interviewing, reporting, and ethics in the media. In addition, proofreading, editing, and print layout will be covered. Students interested in eventually joining the school newspaper staff and/or yearbook staff should take this course.</p>
<p>SEJPJR1 Photojournalism</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Photojournalism introduces students to the world of photography and journalism. The law, ethics, and history of photography will complement the major units of study: operation and care of the camera, composing and taking photos, film and print processing, teamwork, and management skills.</p>

<p>SEJN1R1 Advanced Journalism: Newspaper Production I</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – By application</p>	
<p>SEJN2R1 Advanced Journalism: Newspaper Production II</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – By application</p>	<p>Advanced Journalism Newspaper Production I, II, and III are designed to allow students to apply photography, design, plans, writing, and editing used in the high school newspaper. Staff members are chosen by the adviser in the spring of each year. See journalism teacher for application.</p>
<p>SEJN3R1 Advanced Journalism: Newspaper Production III</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – By application</p>	
<p>SEJY1R2 Advanced Journalism: Yearbook Production I</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – By application</p>	
<p>SEJY2R2 Advanced Journalism: Yearbook Production I</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – By application</p>	<p>Advanced Journalism Yearbook Production I, II, and III are designed to allow students to apply photography designs, plans, writing, and editing used in the high school yearbook. Staff members are chosen by the adviser in the spring of each year. See journalism teacher for application.</p>
<p>SEJY2R2 Advanced Journalism: Yearbook Production I</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – By application</p>	
<p>SEJISR Independent Study/ Journalism Broadcast</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – By application</p>	<p>Independent Study/Journalism is a course designed for advanced journalism students who want to expand their interest in journalism to broadcast.</p>

SPECIAL EDUCATION ENGLISH LANGUAGE ARTS COURSE DESCRIPTIONS

The following courses are for students who meet the eligibility requirements for special education services. Enrollment is based on Admission, Review, and Dismissal (ARD) Committee decision and instructional arrangement.

<p>SLAE1X English I ALT</p> <p>Grade Level – 9 Credits – 1 Prerequisite – None</p>	<p>English 1 ALT stresses the genre approach to literature and provides a year-long program of interrelated language skills with study in the areas of reading, writing, speaking, and listening. The course focuses on prerequisite skills and includes a study of literature and creative writing. English 1 ALT students are given an opportunity to refine the skills tested on STAAR.</p>
<p>SLAE2X English II ALT</p> <p>Grade Level – 10 Credits – 1 Prerequisite – English 1 ALT</p>	<p>English 2 ALT reviews the literary genres within the context of world literature. The language study focuses on prerequisite skills and stresses the four major writing styles of description, exposition, narration, and persuasion. Vocabulary development, language usage, grammar, and elements of style receive special priority in the study of both literature and language.</p>
<p>SLAE3X English III ALT</p> <p>Grade Level – 11 Credits – 1 Prerequisite – English 2 ALT</p>	<p>English 3 ALT balances the study of literature, composition, and language while focusing on the prerequisite skills of the fundamentals of composition and sentence structure employed in effective writing. English 3 ALT studies American literature from the beginning of literary development in the United States through contemporary times. The course integrates writing skills with the study of literature and the research process.</p>
<p>SLAE4X English IV ALT</p> <p>Grade Level – 12 Credits – 1 Prerequisite – English 3 ALT</p>	<p>English 4 ALT introduces well-known British authors, their works and the thoughts that shape them. The course exposes students to the history and development of the English language, the art of critical thinking and writing, and focuses on prerequisite skills for grammatical structures that aid in effective communication.</p>
<p>SERI1X Reading Improvement I ALT</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Reading Improvement ALT focuses on prerequisite skills and the development of strategies to decode written language in all content areas by applying context clues and structural analysis. Through guided and independent reading and thorough collaboration with each other, students will experience success in listening, reading comprehension, and writing in response to literature. Emphasis will be placed on reading flexibility according to purpose, including reading for information and reading for pleasure. These courses serve as a Foreign Language substitute.</p>
<p>SERI2X Reading Improvement II ALT</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – None</p>	

Mathematics

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SMAA1R	Algebra I	9	1
SMAA1S	ESL Algebra I (Speakers of Other Languages)	9	1
SMAA1H	Honors Algebra I	9	1
SMAGER	Geometry	10	1
SMAGES	ESL Geometry (Speakers of Other Languages)	9-12	1
SMAGEH	Honors Geometry	9-10	1
SMAMMR	Mathematical Models with Applications	10-11	1
SMAA2R	Algebra 2	11-12	1
SMAA2S	ESL Algebra 2 (Speakers of Other Languages)	10-12	1
SMAA2H	Honors Algebra 2	10-11	1
SMAPCR	Pre-Calculus	11-12	1
SMAPCB	Pre-Calculus Blended	11-12	1
SMAPCH	Honors Pre-Calculus	10-12	1
SMAPCD	Pre-Calculus Dual Credit	12	1
SMAAQR	Advanced Quantitative Reasoning (AQR)	11-12	1
SMACAP	AP Calculus AB	11-12	1
SMACBP	AP Calculus BC	11-12	1
SMACAD	Calculus DC	11-12	1
SMACID	Independent Study Math – Calculus DC	11-12	1
SMASTR	Statistics	11-12	1
SMASTP	AP Statistics	11-12	1
SMASTD	Statistics Dual Credit	12	1
SMACPO	College Preparatory Mathematics	12	1
SECS1R	Computer Science 1	9-12	1
SECS1H	Honors Computer Science 1	9-12	1
SMACSP	AP Computer Science A	10-12	1

SPECIAL EDUCATION MATHEMATICS COURSES

The following courses are for students who meet the eligibility requirements for special education services. Enrollment is based on Admission, Review, and Dismissal (ARD) Committee decision and instructional arrangement.

SMAA1X	Algebra 1 ALT	9	1
SMAGEX	Geometry ALT	10	1
SMAMMX	Mathematical Models with Applications ALT	10-11	1
SMAA1F	Algebra 1 DE	9	1
SMAGEF	Geometry DE	10	1
SMAA2F	Algebra 2 DE	11-12	1

CAREER AND TECHNOLOGY EDUCATION / MATH COURSES

The following CTE course may count as a fourth year of math.

SC348R	Accounting II	11-12	1
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MATHEMATICS COURSE DESCRIPTIONS

<p>SMAA1R Algebra 1</p> <p>Grade Level – 9 Credits – 1 Prerequisite – Math 8</p>	<p>This course is the “gateway” math course and is a prerequisite for every other math course offered in high school. This is a function-based course that develops the structure of the real number system in a variety of ways. Students will learn to solve and graph linear equations and inequalities, translate among and use algebraic, tabular, and graphical methods to represent linear and quadratic functions and to solve systems of equations. Students will investigate, describe, and predict the effects of changes on the graphs of linear and quadratic functions and relate direct variation to linear functions and solve problems involving proportional change. Students are taught to use algebra in real life applications with the appropriate use of graphing calculators.</p>
<p>SMAA1H Honors Algebra 1</p> <p>Grade Level – 9 Credits – 1 Prerequisite – Math 8</p>	<p>Honors Algebra 1 provides a course of study for students who are interested in studying algebra at an enriched level. The basic content is the same as Algebra I, but emphasis is placed upon real numbers and their operations, the language of algebra, and quadratic functions. Applications of algebraic concepts to problem solving are also stressed.</p>
<p>SMAA1S ESL Algebra I</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – LPAC Placement</p>	<p>ESL Algebra 1 integrates all the concepts taught in Algebra 1 with second language skills for immigrant and non- immigrant students. Additional emphasis will be placed on the acquisition of mathematics vocabulary.</p>
<p>SMAGER Geometry</p> <p>Grade Level – 9-10 Credits – 1 Prerequisite – Algebra 1</p>	<p>Geometry is designed to develop thinking skills, logic problem solving, application of algebraic skills to geometric problems, and proofs based on deductive reasoning. Students use coordinate, transformational, and axiomatic approaches to develop an understanding of a variety of concepts including polygon congruence, similarity, angle relationships in polygons and circles, parallel and perpendicular lines, and the relationships between three dimensional figures. Formulas including distance, midpoint, perimeter, area, surface area, and volume. Students will also compare Euclidean and non-Euclidean geometries.</p>
<p>SMAGEH Honors Geometry</p> <p>Grade Level – 9-10 Credits – 1 Prerequisite – Algebra 1</p>	<p>Honors Geometry provides an enriched course of study for students who are interested in studying geometry at a deeper level. The basic content is the same as Geometry, but emphasis is placed upon the development of logical thinking through complex geometric proofs. Applications of geometric concepts to problem solving using algebra and trigonometry are also stressed.</p>
<p>SMAGES ESL Geometry</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – LPAC Placement</p>	<p>ESL Geometry integrates all concepts taught in Geometry with second language acquisition skills for immigrant and non-immigrant students. Additional emphasis will be placed on the acquisition of mathematics vocabulary.</p>
<p>SMAMMR Mathematical Models with Applications</p> <p>Grade Level – 10-11 Credits – 1 Prerequisite - Algebra 1</p>	<p>Mathematical Models with Applications provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects; manipulatives; technology, including graphing calculators, data collection devices, and computers; paper and pencil, and from methods such as algebraic techniques, geometric reasoning, patterns, and mental math to solve problems.</p>

<p>SMAA2R Algebra 2</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Algebra 1, Geometry (recommended)</p>	<p>Algebra 2 extends the concepts learned in Algebra 1 to the complex number system. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. Geometry may be taken concurrently.</p>
<p>SMAA2H Honors Algebra 2</p> <p>Grade Level – 10-11 Credits – 1 Prerequisite – Algebra 1 (Alg I Honors recommended)</p>	<p>Honors Algebra 2 provides an enriched course of study for students who are interested in studying algebra at a deeper level. The basic content is the same as regular Algebra 2, but emphasis is placed upon the complex number system, with emphasis on the use of algebra to solve real-world problems. Included in this course are many of the topics normally studied in elementary analysis (number topics in trigonometry and statistics).</p>
<p>SMAA2S ESL Algebra 2</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – LPAC Placement</p>	<p>ESL Algebra 2 integrates all concepts taught in Algebra 2 with second language acquisition skills for immigrant and non-immigrant students. Additional emphasis will be placed on the acquisition of mathematics vocabulary.</p>
<p>SMAPCR Pre-Calculus</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite –Geometry and Algebra 2</p>	<p>In this course, students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.</p>
<p>SMAPCR Pre-Calculus Blended</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite –Geometry and Algebra 2</p>	<p>This course includes the same content as the Pre-Calculus course but is delivered in a blended learning environment.</p>
<p>SMAPOCH Honors Pre-Calculus</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite –Geometry and Algebra 2 (Honors Geo and Hon Alg 2 recommended)</p>	<p>Honors Pre-Calculus provides an enriched course of study for students who are interested in studying mathematics at a deeper level. The content is similar to Pre-Calculus, but emphasis is placed upon applications of the trigonometric functions; graphs of higher degree, algebraic, trigonometric, polar, and rational functions and relations; limits; and vector and geometric applications in the plane and space. Focus is on higher-level skills necessary to prepare students for Advanced Placement Calculus.</p>

<p>SMAPCD Pre-Calculus Dual Credit</p> <p>Grade Level – 12 Credits – 1 Prerequisite –Geometry and Algebra 2 (Honors Geo and Hon Alg 2 recommended)</p>	<p><u>Fall Semester – College Algebra.</u> In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. [TWU MATH 1303, NCTC MATH 1314]</p> <p><u>Spring Semester – Plane Trigonometry.</u> In-depth study and applications of trigonometry including definitions, identities, inverse functions, solutions of equations, graphing, and solving triangles. Additional topics such as vectors, polar coordinates and parametric equations may be included. [TWU MATH 1313, NCTC MATH 1316]</p>
<p>SMAAQR Advanced Quantitative Reasoning (AQR)</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Geometry and Algebra 2</p>	<p>Advanced Quantitative Reasoning (AQR) is a mathematical course that follows Algebra 1, Geometry, and Algebra 2. AQR is an engaging and rigorous course that prepares students for a range of future options in non-mathematics-intensive college majors or for entering workforce training programs. This course emphasizes statistics and financial applications, and it prepares students to use algebra, geometry, trigonometry, and discrete mathematics to model a range of situations and solve problems.</p>
<p>SMASTR Statistics</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Algebra 1</p>	<p>In this course, students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis. This course is a good option for students who have completed Algebra 2 and are considering a liberal arts program, health science program, nursing program, etc.</p>
<p>SMASTD AP Statistics</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Algebra 2</p>	<p>The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. College Algebra, Pre-Calculus, or Calculus may be taken concurrently.</p>
<p>SMASTD Statistics DC</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – AP Statistics Fall Semester</p>	<p><u>Elementary Statistical Methods</u> (spring only). Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended. [TWU MATH 1703]</p>
<p>SMACAD Calculus DC</p> <p>Grade Level – 12 Credits – .5 Prerequisite – AP Calculus AB Fall Semester</p>	<p><u>Calculus I.</u> (one semester course; spring only) Limits and continuity; the Fundamental Theorem of Calculus; definition of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric, and transcendental functions, with an application to calculation of areas. [TWU MATH 2014]</p>

<p>SMACID Independent Study Math – Calculus DC</p>	<p><i>This course is for students who would like to be in a Calculus Dual Credit course in the spring but who were not enrolled in the fall semester of AP Calculus AB.</i></p>
<p>Grade Level – 12 Credits – .5 Prerequisite – Algebra 1</p>	<p><u>Calculus I</u>, (one semester course; fall or spring) Students already enrolled in AP Calculus AB Limits and continuity; the Fundamental Theorem of Calculus; definition of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric, and transcendental functions, with an application to calculation of areas. [NCTC MATH 2413]</p>
<p>SMACAP AP Calculus AB</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Pre-Calculus (recommended)</p>	<p>AP Calculus AB is primarily concerned with developing understandings of the concepts of calculus and providing experience with its methods and applications. AP Calculus AB covers differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. Students learn to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections among these representations. This course will prepare students for the AP exam in Calculus AB as administered by the College Board. Successful completion of AP Calculus AB is equivalent to the first semester of college level calculus. AP Statistics may be taken concurrently.</p>
<p>SMACBP AP Calculus BC</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Pre-Calculus (recommended)</p>	<p>AP Calculus BC is primarily concerned with developing the student's understanding of the concepts of calculus and providing experience with its methods and applications. AP Calculus BC is an extension of Calculus AB rather than an enhancement. AP Calculus BC includes all topics in AP Calculus AB, plus others such as parametric, polar, and vector functions, and series. It is equivalent to one year of calculus at most colleges and universities. Successful completion of AP Calculus BC is equivalent to the first year of college level calculus. Depending on the local placement policies of the college and the score achieved on the AP exam, students can receive credit for first semester college calculus. Note: Credit may be awarded for AP Calculus AB <u>OR</u> AP Calculus BC, but NOT both. AP Statistics may be taken concurrently.</p>
<p>SMACPO College Prep Math</p> <p>Grade Level – 12 Credits – 1 Prerequisite – None</p>	<p>This course is for students in the 12th grade ONLY whose performance on a Mathematics EOC assessment does not meet college readiness standards. Students who enroll in this class must be on the Foundation High School Program only. This course will be taught through an online program.</p>
<p>SECS1R Computer Science I</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – Algebra 1</p>	<p>CS I fosters students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.</p>

<p>SECS1H Honors Computer Science I</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – Algebra 1</p>	<p>Honors Computer Science 1 is recommended for students wanting to prepare for AP Computer Science A and who wish to have a career in mathematics, a mathematics related fields, engineering or engineering related fields, computer science or other computer related fields. Emphasis is placed on program structures and problem-solving techniques. These concepts are at a higher level than those taught in Computer Science 1 and will help students develop a deeper understanding of concepts to support their success on the AP Computer Science A exam.</p>
<p>SMACSP AP Computer Science A</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Algebra I with a strong foundation in basic algebraic concepts dealing with function notation</p>	<p>AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures.</p>

SPECIAL EDUCATION MATHEMATICS COURSE DESCRIPTIONS

The following courses are for students who meet the eligibility requirements for special education services. Enrollment is based on Admission, Review, and Dismissal (ARD) Committee decision and instructional arrangement.

<p>Algebra 1 ALT</p> <p>Grade Level – 9 Credits – 1 Prerequisite – None</p>	<p>This course is the “gateway” math course. It is a prerequisite for every other math course offered in high school. It is, generally, the entry-level math course and is taken by most ninth grade students who have not completed it in middle school. This is a function- based course that develops the structure of the real number system in a variety of ways. Students will learn the prerequisite skills to solve and graph linear equations and inequalities. Students are taught to use algebra in real life applications.</p>
<p>Geometry ALT</p> <p>Grade Level – 10 Credits –1 Prerequisite – Algebra 1 ALT</p>	<p>Geometry is a course designed to develop thinking skills and logic problem solving. Students develop and apply formulas including distance, midpoint, perimeter, area, surface area, and volume. This course focuses on prerequisite skills</p>
<p>Mathematical Models with Applications ALT</p> <p>Grade Level – 10-11 Credits – 1 Prerequisite – Algebra 1 ALT</p>	<p>In this course, students use algebraic, graphical, and geometric reasoning to recognize patterns and structure to solve real life applied problems related to finance, data analysis, and patterns in music and art. Students learn the prerequisite skills to use mathematical models from algebra, geometry, and connections among these to solve problems from a wide variety of applications in both mathematical and non-mathematical situations.</p>

Science

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SSCBIR	Biology	9-12	1
SSCBIH	Honors Biology	9-12	1
SSCBIE	ESL Biology	9-12	1
SSCCHR	Chemistry	10-12	1
SSCCHH	Honors Chemistry	10-12	1
SSCCHE	ESL Chemistry	10-12	1
SSCPHR	Physics	11-12	1
SSCPHB	Physics Blended	11-12	1
SSCPHE	ESL Physics	11-12	1
SSCP1P	AP Physics	11-12	1
SSCP2P	AP Physics 2	11-12	1
SSPCP	AP Physics C	11-12	1
SC928R	Anatomy and Physiology of Human Systems	11-12	1
SSCAQR	Aquatic Science	11-12	1
SSCENR	Environmental Systems	11-12	1
SSCENP	AP Environmental Science	11-12	1
SSCESD	Environmental Science DC	11-12	1
SSCBIP	AP Biology	11-12	1
SSCBID	Biology Dual Credit	11-12	1
SSCCHP	AP Chemistry	11-12	1

NOTE: Advanced science courses taken for the fourth-year science requirement do not have alternative courses available for students who decide to drop the course.

How do I know which Physics course to take? **Physics** is the state of Texas course designed to address the scope and sequence requirements of a typical one-year high school level physics course. **AP Physics 1 and 2** teach college level concepts and are suited for students intending to pursue life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science. These classes are also better suited to general interest or undetermined majors who want to establish their abilities in science-based coursework. **AP Physics C** is the more advanced college level pathway and is appropriate for students planning to specialize or major in the physical sciences or pursue a career in engineering. The AP Physics C classes are each equivalent to one semester of introductory, calculus-based college physics courses and will put aspiring engineers or physicists on track towards their goals.

SPECIAL EDUCATION SCIENCE COURSES

The following courses are for students who meet the eligibility requirements for special education services. Enrollment is based on Admission, Review, and Dismissal (ARD) Committee decision and instructional arrangement.

SSCBIX	Biology ALT	9-12	1
SSCCHX	Chemistry ALT	10-12	1
SSCENX	Environmental Systems ALT	11-12	1
SSCINF	Integrated Physics and Chemistry DE	10	1
SSCBIF	Biology DE	9	1
SSCCHF	Chemistry DE	10-12	1
SSCPHF	Physics DE	11-12	1

CAREER AND TECHNOLOGY EDUCATION / SCIENCE COURSES

The following CTE course may count as a fourth year of science.

SC828R	Forensic Science	9-12
SC416R	Food Science	9-12
SC031R	Advanced Animal Science	11-12

SCIENCE COURSE DESCRIPTIONS

<p>SSCBIR Biology</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Biology is designed as an interest level course focusing on the major concepts in biology and their application in our society. The content emphasized to illustrate the major concepts and skills of this course will be related to the study of life and human experiences. This course is designed to provide students with a strong foundation and conceptual understanding of biology which will prepare students to take a variety of other biology courses.</p>
<p>SSCBIH Honors Biology</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Honors Biology is an advanced level course taking the concepts of Biology and expanding them to include an in-depth study of cellular biology, taxonomy, microbiology, and genetics in order to prepare students for future Advanced Placement studies as well as prepare students to take a full range of other biology courses.</p>
<p>SSCBIS ESL Biology</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – LPAC Placement</p>	<p>ESL Biology combines the study of living things with second language acquisition of immigrant and non-immigrant students. This course will provide a strong foundation and conceptual understanding of biology, preparing students to explore the relationship between the study of life and human experience.</p>
<p>SSCCHR Chemistry</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Biology and Algebra 1</p>	<p>Chemistry is designed to introduce students to relevant chemistry concepts and investigations. The scientific inquiry method, measurement and data gathering techniques, the atom, naming and using chemicals that are familiar to the student, identifying chemicals, balancing equations, and laboratory investigations of new products will be investigated. This course is designed to provide students with a strong foundation and conceptual understanding of chemistry, which will prepare students to take a variety of other advanced science courses.</p>
<p>SSCCHH Honors Chemistry</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Biology and Algebra 1 (Honors Bio and Honors Alg 1 recommended)</p>	<p>Honors Chemistry is an advanced level course taking the concepts of Chemistry and expanding them to include dimensional analysis and a greater emphasis on data collection and laboratory investigations. A more in-depth look at chemical concepts will prepare students to take future Advanced Placement studies in chemistry as well as a full range of other chemistry courses and Honors Biology.</p>
<p>SSCCHS ESL Chemistry</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – LPAC Placement</p>	<p>ESL Chemistry integrates the study of the composition and chemical properties of a substance with second language acquisition of immigrant and non-immigrant students. This course will provide a strong foundation about the nature of the substances and products that make up the world.</p>
<p>SSCPHR Physics</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – None</p>	<p>Physics explores the principles of motion from autos to airplanes and from molecules to moons and examines electricity from the power of toasters to the fuses in the family car. Light and waves will be studied from communication to holography. Physics will provide students with a better understanding of the way our world works. This course is designed to provide students with a strong foundation and conceptual understanding of physics which will prepare students to take a variety of other physics courses.</p>

SSCPHB Physics Blended	This course includes the same content as the Physics course but is delivered in a blended learning environment.
Grade Level – 11-12 Credits – 1 Prerequisite – None	
SSCPHS ESL Physics	ESL Physics integrates the principles of motion, matter, energy, and force with second language acquisition of immigrant and non-immigrant students. This course will provide students with a better understanding of the way our world works.
Grade Level – 11-12 Credits – 1 Prerequisite – LPAC Placement	
SSCP1P AP Physics 1	AP Physics 1 is a course which provides a systematic introduction to the main principles of physics and emphasizes the development of problem-solving ability. It is assumed that the student is familiar with algebra and trigonometry. In the AP Physics 1 course, the student is interested in studying physics as a basis for more advanced work in the life sciences, medicine, geology, and related areas, or as a component in a non-science college problem that has science requirements. Topics include mechanics, dynamics, energy, momentum, rotation, waves, and basic electricity.
Grade Level – 11-12 Credits – 1 Prerequisite – Geometry and Algebra II or concurrent enrollment in Algebra II (Honors math courses recommended)	
SSCP2P AP Physics 2	AP Physics 2 provides a systematic introduction to the main principles of physics and emphasizes the development of problem-solving ability. It is assumed that the student is familiar with algebra and trigonometry. In the AP Physics 2 course, the student should be interested in studying physics as a basis for more advanced work in the life sciences, medicine, geology, and related areas, or as a component in a non-science college problem that has science requirements. AP Topics include fluids, thermodynamics, light, optics, electricity and magnetism, nuclear physics, and modern physics.
Grade Level – 11-12 Credits – 1 Prerequisite – AP Physics I or similar course (recommended) Algebra II or concurrent enrollment in Algebra II (honors recommended)	
SSCPCP AP Physics C	The AP Physics C course forms the first part of the college sequence that serves as the foundation in physics for students majoring in the physical sciences or engineering. Methods of calculus are used in formulating physical principles and in applying them to physical problems. The sequence is more intensive and analytic than that in the B course. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus. The subject matter of the C course is principally mechanics and electricity/magnetism, with approximately equal emphasis on these two areas. For students planning to specialize in a physical science or in engineering, most colleges require an introductory physics sequence of which the C course is the first part.
Grade Level – 11-12 Credits – 1 Prerequisite – Calculus or concurrent enrollment	
SC928R Anatomy and Physiology of Human Systems	Anatomy and Physiology of Human Systems focuses on the study of the structure of function of the human body, its individual systems, and the integration of the body systems into an efficiently functioning organism. Respiration, transportation, nutrition, excretion, support/movement, and reproduction are the major topics covered. Dissection is a major component of this course and participation in dissection labs is required.
Grade Level – 11-12 Credits – 1 Prerequisite – Biology	

SSCAQR Aquatic Science	Aquatic Science focuses on three main topics of aquatic science: physical oceanography, the diversity of aquatic and marine life, and the dynamics of aquatic and marine environments. This course also explores man's impact on the oceans and special topics related to the Texas Coast. As students examine man's role in protecting the ocean and its inhabitants, they will explore the still untapped power, resources, and knowledge housed in the world.
Grade Level – 11-12 Credits – 1 Prerequisite – Biology	
SSCBIP AP Biology	AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions.
Grade Level – 11-12 Credits – 1 Prerequisite – Biology and Chemistry (Honors Bio and Honors Chem Recommended)	
SSCBID Biology DC	<p><u>Fall Semester – Biology for Science Majors I.</u> Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included. This laboratory-based course accompanies BIOL 1306 Biology for Science Majors I. Laboratory activities will reinforce the fundamental principles of living organisms, including physical and 50 chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the concepts of cytology, reproduction, genetics, and scientific reasoning are included. [TWU BIOL 1306 (Lecture) + BIOL 1106 (Lab); TWU BIOL 1113 (Lecture) + BIOL 1111 (Lab)]</p> <p><u>Spring Semester – Biology for Science Majors II.</u> The diversity and classification of life will be studied, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. This laboratory-based course accompanies Biology 1307, Biology for Science Majors II. Laboratory activities will reinforce study of the diversity and classification of life, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. [TWU BIOL 1307 (Lecture) + BIOL 1107 (Lab); TWU BIOL 1123 (Lecture) + BIOL 1121 (Lab)]</p>
Grade Level – 11-12 Credits – 1 Prerequisite – Biology and Chemistry (Honors Bio and Honors Chem Recommended)	
SSCCHP AP Chemistry	AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. This course addresses focuses on a model of instruction which promotes enduring conceptual understandings and the content that supports them, enabling students to spend less time on factual recall and more time on inquiry-based learning of essential concepts. Students will develop the reasoning skills necessary to engage in the science practices used throughout their advanced and ongoing study in the field.
Grade Level – 11-12 Credits – 1 Prerequisite – Chemistry and Algebra 2 (Honors Chem and Honors Alg 2 recommended)	
SSCENR Environmental Systems	This course will be a field-oriented interdisciplinary science course which emphasizes data collecting techniques in outdoor lab settings. In addition to the field based and laboratory activities, this course will involve numerous group and independent ecological projects. Studies will include all types of environments, their inhabitants, and the processes that allow them to function. The causes and the possible solutions to the earth's pollution and resource problems will also be investigated. Students may need to provide personal transportation to and from field sites.
Grade Level – 11-12 Credits – 1 Prerequisite – Biology and Physics. By application.	

<p>SSCENP AP Environmental Science</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Algebra I (honors recommended), Biology (honors recommended), and Physics (honors recommended)</p>	<p>AP Environmental Science has a strong laboratory and field investigation component, designed to complement the classroom portion of the course by allowing students to learn about the environment through first-hand observation. Experiences in both the laboratory and the field provide students with important opportunities to test concepts and principles that are introduced in the classroom, explore specific problems with a depth not easily achieved otherwise, and gain an awareness of the importance of confounding variables that exist in the “real world.”</p>
<p>SSCESD Environmental Science DC</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Biology and Chemistry (Honors Bio and Honors Chem Recommended)</p>	<p><u>Fall Semester – Environmental Biology.</u> Principles of environmental systems and ecology, including biogeochemical cycles, energy transformations, abiotic interactions, symbiotic relationships, natural resources and their management, lifestyle analysis, evolutionary trends, hazards and risks, and approaches to ecological research. Laboratory activities will reinforce principles of environmental systems and ecology, including biogeochemical cycles, energy transformations, abiotic interactions, symbiotic relationships, natural resources and their management, lifestyle analysis, evolutionary trends, hazards and risks, and approaches to ecological research. [BIOL 2406 (Lecture + Lab); TWU BIOL 1023 (Lecture + Lab)]</p> <p><u>Spring Semester – Environmental Science I.</u> A survey of the forces, including humans, that shape our physical and biologic environment, and how they affect life on Earth. Introduction to the science and policy of global and regional environmental issues, including pollution, climate change, and sustainability of land, water, and energy resources. Lab activities will cover methods used to collect and analyze environmental data. [ENVR 1410 (Lecture + Lab); TWU SCI 2103 (Lecture + Lab)]</p>

SPECIAL EDUCATION SCIENCE COURSE DESCRIPTIONS

The following courses are for students who meet the eligibility requirements for special education services. Enrollment is based on Admission, Review, and Dismissal (ARD) Committee decision and instructional arrangement.

SSCBIX Biology ALT Grade Level – 9-12 Credits – 1 Prerequisite – None	Biology ALT is designed as an interest level course focusing on the prerequisite skills of major concepts in biology and their application in our society. The content emphasized to illustrate the major concepts and skills of this course will be related to the study of life and human experiences. This course is designed to provide students with a strong foundation and conceptual understanding of biology.
SSCCHX Chemistry ALT Grade Level – 10-12 Credits – 1 Prerequisite – Biology and Algebra 1	Chemistry ALT is an interest level course designed to introduce students to relevant chemistry concepts and investigations. The scientific inquiry method, prerequisite skills for measurement and data gathering techniques, the atom, naming and using chemicals that are familiar to the student, identifying chemicals and laboratory investigations of new products will be investigated.
SSCENX Environmental Systems ALT Grade Level – 11-12 Credits – 1 Prerequisite – Biology ALT and IPC or Physics	This course will focus on the prerequisite skills for data collecting techniques. In addition to the field based and laboratory activities, this course will involve group and independent ecological projects. Studies will include all types of environments, their inhabitants, and the processes that allow them to function.

Social Studies

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SSSWGR	World Geography	9	1
SSSWGGS	ESL World Geography	9	1
SSSWGPH	Honors World Geography	9	1
SSSHGP	AP Human Geography	9	1
SSSWHR	World History	10	1
SSSWHS	ESL World History	10-12	1
SSSWHP	AP World History: Modern	10	1
SSSUSR	United States History	11	1
SSSUSS	ESL United States History	11	1
SSSUSD	United States History DC	11	1
SSSUSP	AP United States History	11	1
SSSUPB	AP United States History Blended	11	.5
SSSGOR3	United States Government	12	.5
SSSGOB3	United States Government Blended	12	.5
SSSGOD3	United States Government DC	12	.5
SSSGOP3	AP United States Government and Politics	12	.5
SSSGPB3	AP United States Government Blended	12	.5
SSSECR3	United States Economics	12	.5
SSSECB3	United States Economics Blended	12	.5
SSSECD3	Macroeconomics DC	12	.5
SSSECP3	AP United States Macroeconomics	12	.5
SSSEP3	AP United States Macroeconomics Blended	12	.5
SEPSYR3	Psychology	11-12	.5
SEPSYB3	Psychology Blended	11-12	.5
SEPSYP3	AP Psychology	12	.5
SEPSYD3	Psychology DC	12	.5
SESOCR3	Sociology	11-12	.5

SESOCD3	Sociology DC	11-12	.5
SEPFLR3	Personal Financial Literacy	10-12	.5
SEEUHP	AP European History	11-12	1
SEST1D3	Special Topics in Social Studies–Texas Government DC	12	.5

SPECIAL EDUCATION SOCIAL STUDIES COURSES

The following courses are for students who meet the eligibility requirements for special education services. Enrollment is based on Admission, Review, and Dismissal (ARD) Committee decision and instructional arrangement.

SSSWGX	World Geography ALT	9	1
SSSWHX	World History ALT	10	1
SSSUSX	United States History ALT	11	1
SSSGOX3	United States Government ALT	12	.5
SSSECX3	United States Economics ALT	12	.5
SESOCX3	Sociology ALT	11-12	.5
SEPFLX3	Personal Financial Literacy	10-12	.5
SSSWGf	World Geography DE	9	1
SSSWHF	World History DE	10	1
SSSUSF	United States History DE	11	1
SSSGOF3	United States Government DE	12	.5
SSSECF3	United Stated Economics DE	12	.5

SOCIAL STUDIES COURSE DESCRIPTIONS

<p>SSSWGR World Geography</p> <p>Grade Level – 9 (recommended) Credits – 1 Prerequisite – None</p>	<p>The World Geography course focuses on an understanding of humans and their interaction with the environment. The curriculum integrates the study of physical, political, and human geography to provide a holistic profile of world geography.</p>
<p>SSSWGGS ESL World Geography</p> <p>Grade Level – 9 Credits – 1 Prerequisite – LPAC Placement</p>	<p>World Geography focuses on an understanding of humans and their interaction with the environment. The curriculum integrates the study of physical, political, and human geography to provide a holistic profile of World Geography. This course is integrated with second language acquisition skills for immigrant and non-immigrant students.</p>
<p>SSSWGHS Honors World Geography</p> <p>Grade Level – 9 (recommended) Credits – 1 Prerequisite – None</p>	<p>World Geography focuses on an understanding of humans and their interaction with the environment. The curriculum integrates the study of physical, political, and human geography to provide a holistic profile of world geography. Honors World Geography is integrated with deeper understanding and application of social studies skills.</p>
<p>SSSHGP AP Human Geography</p> <p>Grade Level – 9 (recommended) Credits – 1 Prerequisite – None</p>	<p>This college-level course is an in-depth study of patterns and processes that shape human understanding including how man uses the earth and alters its' surface. Students learn the methods and tools geographers use as they examine topics such as population, cultural patterns and processes, political organization of space, agriculture, and rural land use, industrialization and economic development.</p>
<p>SSSWHR World History</p> <p>Grade Level – 10 (recommended) Credits – 1 Prerequisite – None</p>	<p>World History provides a study of significant people, events, and issues from the earliest times to the present. Students evaluate major political revolutions, the impact of geographic factors, the process by which constitutional governments evolved, historical development of important concepts, the impact of religious and philosophical traditions, connections between major developments in science and technology, and the growth of industrial economies.</p>
<p>SSSWHS ESL World History</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – LPAC Placement</p>	<p>World History provides a study of significant people, events, and issues from the earliest times to the present. Students evaluate major political revolutions, the impact of geographic factors, the process by which constitutional governments evolved, historical development of important concepts, the impact of religious and philosophical traditions, connections between major developments in science and technology, and the growth of industrial economies. This course is integrated with second language acquisition skills for immigrant and non-immigrant students.</p>
<p>SSSWHP AP World History: Modern</p> <p>Grade Level – 10 (recommended) Credits – 1 Prerequisite – None</p>	<p>AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.</p>

<p>SSSUSR United States History</p> <p>Grade Level – 11 (recommended) Credits – 1 Prerequisite – None</p>	<p>United States History is the study of the emergence of the United States as a world power (since Reconstruction) through the 21st century. This course is integrated with second language acquisition skills for immigrant and non-immigrant students.</p>
<p>SSSUSS ESL United States History</p> <p>Grade Level – 11 (recommended) Credits – 1 Prerequisite – None</p>	<p>ESL United States History covers the emergence of the United States (from Reconstruction to present) as a world power, using the social studies disciplines of history, geography, economics, sociology, and political science with second language acquisition learning strategies and methodology.</p>
<p>SSSUSP AP United States History</p> <p>Grade Level – 11 (recommended) Credits – 1 Prerequisite – None</p>	<p>AP United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the study of United States History. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to introductory college courses. Students should learn to assess historical documents for their relevance, reliability, and importance. Students will also learn to weigh the evidence and interpretations presented in historical scholarship.</p>
<p>SSSUPB AP United States History Blended</p> <p>Grade Level – 11 (recommended) Credits – 1 Prerequisite – None</p>	<p>This course includes the same content as the AP US History course but is delivered in a blended learning environment.</p>
<p>SSSUSD United States History DC</p> <p>Grade Level – 11 (recommended) Credits – 1 Prerequisite – None</p>	<p><u>Fall Semester – U.S. History I.</u> A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/ Reconstruction eras. Themes that may be addressed in United States History I include American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government. [TWU HIST 1013, NCTC HIST 1301, UNT HIST 2610]</p> <p><u>Spring Semester – U.S. History II.</u> A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy. [TWU HIST 1023, NCTC HIST 1302, UNT HIST 2620]</p>

<p>SSSGOR3 United States Government</p> <p>Grade Level – 12 (recommended) Credits – .5 Prerequisite – None</p>	<p>Government is a one-semester course consisting of a comparative study of basic political and economic philosophies under which the modern world nations operate. A working knowledge of federal and state constitutions is emphasized to encourage students to participate actively in the American political process. Community resources are incorporated to bring students into personal contact with varied aspects of government.</p>
<p>SSSGOB3 United States Government Blended</p> <p>Grade Level – 12 (recommended) Credits – 1 Prerequisite – None</p>	<p>This course includes the same content as the US Government course but is delivered in a blended learning environment.</p>
<p>SSSGOD3 United States Government DC</p> <p>Grade Level – 12 (recommended) Credits – .5 Prerequisite – None</p>	<p><u>Federal Government.</u> Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights. [NCTC GOVT 2305, TWU GOV 2013, UNT PSCI 2305]</p>
<p>SSSGOP3 AP United States Government and Politics</p> <p>Grade Level – 12 (recommended) Credits – .5 Prerequisite – None</p>	<p>AP United States Government is a one-semester course that gives students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret United States politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute United States politics. Students should become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes in government and politics.</p>
<p>SSSGPB3 AP United States Government Blended</p> <p>Grade Level – 12 (recommended) Credits – .5 Prerequisite – None</p>	<p>This course includes the same content as the AP US Government course but is delivered in a blended learning environment.</p>
<p>SEST1D3 Special Topics in Social Studies – Texas Government DC</p> <p>Grade Level – 12 (recommended) Credits – .5 Prerequisite – None</p>	<p><u>Texas Government.</u> Course content includes origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas. The course is required by all public colleges and universities in the state of Texas. [NCTC GOVT 2306, UNT PSCI 2306]</p>
<p>SSSECR3 Economics</p> <p>Grade Level – 12 (recommended) Credits – .5 Prerequisite – None (This may vary for students with a four-year IB plan.)</p>	<p>This one-semester course helps the students understand events and conditions in the economy such as inflation, high unemployment, the energy crisis, and economic instability. Students investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. They study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Students apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues.</p>

SSSECB3 Economics Blended Grade Level – 12 (recommended) Credits – .5 Prerequisite – None	This course includes the same content as the Economics course but is delivered in a blended learning environment.
SSSECD3 Macroeconomics DC Grade Level – 12 (recommended) Credits – .5 Prerequisite – None	<u>Principles of Macroeconomics</u> . An analysis of the economy as a whole including measurement and determination of aggregate demand and aggregate supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, fiscal policy, and monetary policy. [TWU ECO 1023, NCTC ECON 2301, UNT ECON 1110]
SSSECP3 AP Macroeconomics Grade Level – 12 (recommended) Credits – .5 Prerequisite – Juniors require approval	AP Macroeconomics is a one semester course designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places emphasis on the study of national income and price determination, and also develops a student's familiarity with economic performance measures, economic growth, and international economics.
SSSEP3B3 AP Macroeconomics Blended Grade Level – 12 (recommended) Credits – .5 Prerequisite – Juniors require approval	This course includes the same content as the AP Macroeconomics course but is delivered in a blended learning environment.
SEPSYR3 Psychology Grade Level – 12 (recommended) Credits – .5 Prerequisite – Juniors require approval	Psychology is an elective one-semester course which helps the student acquire a better understanding of oneself and acquire the skills necessary for successful interactions with others through the understanding of human behavior.
SEPSYB3 Psychology Blended Grade Level – 12 (recommended) Credits – .5 Prerequisite – Juniors require approval	This course includes the same content as the Psychology course but is delivered in a blended learning environment.
SEPSYD3 Psychology DC Grade Level – 12 (recommended) Credits – .5 Prerequisite – None	<u>General Psychology</u> . General Psychology is a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes. . [PSYC 2301, NCTC PSYC 2301]
SEPSYP3 AP Psychology Grade Level – 12 (recommended) Credits – .5 Prerequisite – Juniors require approval	AP Psychology is a one semester course that introduces students to the systematic and scientific study of the behavior and mental processes of human beings. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods psychologists use in their science and practice.

<p>SESOCR3 Sociology</p> <p>Grade Level – 12 (recommended) Credits – .5 Prerequisite – Juniors require approval</p>	<p>Sociology is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.</p>
<p>SES OCD3 Sociology DC</p> <p>Grade Level – 12 (recommended) Credits – .5 Prerequisite – None</p>	<p><u>Introduction to Sociology.</u> The scientific study of human society, including ways in which groups, social institutions, and individuals affect each other. Causes of social stability and social change are explored through the application of various theoretical perspectives, key concepts, and related research methods of sociology. Analysis of social issues in their institutional context may include topics such as social stratification, gender, race/ethnicity, and deviance. [SO CI 1301, NCTC 1301]</p>
<p>SEPFLR3 Personal Financial Literacy</p> <p>Grade Level – 10-12 Credits – .5 Prerequisite – None</p>	<p>Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. Students will apply critical thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and post-secondary education and training.</p>
<p>SEEUHP AP European History</p> <p>Grade Level – 12 (recommended) Credits – 1 Prerequisite – None</p>	<p>Students investigate significant events, individuals, developments, and processes, and develop disciplinary practices and reasoning skills as they investigate similar events in different time periods. Students develop and use the same skills, practices, and methods employed by historians, including analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides seven themes that students explore in order to make connections among historical developments in different times and places.</p>

SPECIAL EDUCATION SOCIAL STUDIES COURSE DESCRIPTIONS

The following courses are for students who meet the eligibility requirements for special education services. Enrollment is based on Admission, Review, and Dismissal (ARD) Committee decision and instructional arrangement.

<p>SSSWGX World Geography ALT</p> <p>Grade Level – 9 Credits – 1 Prerequisite – None</p>	<p>World Geography ALT focuses on the prerequisite skills for a basic understanding of man and his adaptation to his environment. The curriculum integrates the study of landforms, location, climate, natural resources, and culture to provide a holistic profile of World Geography. Other studies vital to geography will include astronomy, geology, meteorology, climatology, and cartography.</p>
<p>SSSWHX World History ALT</p> <p>Grade Level – 10 Credits – 1 Prerequisite – None</p>	<p>World History ALT provides an overview of the history of mankind, a study of man's Western heritage, and of significant non-Western cultures. Emphasis will be on people, cultures, and events. This course focuses on prerequisite skills.</p>

<p>SSSUSX United States History ALT</p> <p>Grade Level – 11 Credits – 1 Prerequisite – None</p>	<p>United States History covers the emergence of the United States (from Reconstruction to present) as a world power, using the social studies disciplines of history, geography, economics, sociology, and political science. This course focuses on prerequisite skills.</p>
<p>SSSGOX3 Government ALT</p> <p>Grade Level – 12 Credits – .5 Prerequisite – None</p>	<p>Government ALT is a one-semester course consisting of a comparative study of the basic political and economic philosophies under which the modern world nations operate. A working knowledge of the federal and state constitutions is emphasized to encourage the students to participate actively in the American political process. Community resources are incorporated into the course in order to bring students into personal contact with varied aspects of government. This course focuses on prerequisite skills.</p>
<p>SSSECX3 US Economics ALT</p> <p>Grade Level – 12 Credits – .5 Prerequisite – None</p>	<p>United States Economics ALT is a one-semester course which helps the students understand events and conditions in the economy (such as: inflation, high unemployment, the energy crisis, and economic instability) in an attempt to make the student a better decision-maker. This course focuses on prerequisite skills.</p>
<p>SESOCR3 Sociology ALT</p> <p>Grade Level – 11-12 Credits – .5 Prerequisite - None</p>	<p>Sociology is a one-semester elective course focusing on group organization. Sociology is intended to aid the student in developing a better understanding of family relationships, society, and social problems. This course focuses on prerequisite skills.</p>
<p>SEPFLR3 Personal Financial Literacy</p> <p>Grade Level – 10-12 Credits – .5 Prerequisite – None</p>	<p>Personal Financial Literacy will focus on the prerequisite skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. Students will apply critical thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and post-secondary education and training.</p>

Special Education – Additional Courses

SPECIAL EDUCATION - ADDITIONAL COURSES

The following courses are for students who meet the eligibility requirements for special education services. Enrollment is based on Admission, Review, and Dismissal (ARD) Committee decision and instructional arrangement.

SC200X3	Professional Communications ALT	10-12	.5
SEMAPX	Methodology for Academic and Personal Success (MAPS)	9-10	1
SEGESX	General Employability Skills	9-12	1
SEMC1X3	Making Connections 1	9	.5
SEMC2X3	Making Connections 2	10	.5
SEMC3X3	Making Connections 3	11	.5
SEMC4X3	Making Connections 4	12	.5
SENLHF	Navigating Life with Hearing Loss	9-12	1

SPECIAL EDUCATION – ADDITIONAL COURSE DESCRIPTIONS

<p>SC200X3 Professional Communications ALT</p> <p>Grade Level – 10-12 Credits – .5 Prerequisite – None</p>	<p>Professional Communications ALT will focus on developing effective communication skills. Students enrolled in Communication Applications ALT will learn the prerequisite skills to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations.</p>
<p>SEMAPX MAPS (Methodology for Academic and Personal Success)</p> <p>Grade Level – 9-10 Credits – 1 Prerequisite – None</p>	<p>This course focuses on the skills and strategies necessary for students to make a successful transition into high school and an academic career. Students will explore the options available in high school, higher ed, and the professional world in order to establish immediate and long-range goals. After identifying individual learning styles and abilities, students will build on these by developing critical time-management, organization, and study skills. The course focuses on self-understanding, decision-making, resiliency, attitude, character education, and leadership to help students maximize personal achievement. Students will explore and experience collaboration as a tool for creative problem solving. As part of goal setting and leadership activities, students may complete an outside community service-learning experience in addition to class assignments.</p>
<p>SEGESX General Employability Skills</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>This course provides students with knowledge of the prerequisite skills for general employment as well as the means of obtaining those skills. Employability skills include fundamentals of maintenance of personal appearance and grooming. The course also includes the knowledge, skills, and attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong members of the work team. Discovering job possibilities that link skills, abilities, interests, values, needs, and work environment preferences is a part of the process of obtaining employability skills and abilities and is experiential learning that takes place over time.</p>

<p>SEMC1X3 Making Connections 1</p> <p>Grade Level – 9 Credits – .5 Prerequisite – None</p>	
<p>SEMC1X3 Making Connections 2</p> <p>Grade Level – 10 Credits – .5 Prerequisite – None</p>	
<p>SEMC1X3 Making Connections 3</p> <p>Grade Level – 11 Credits – .5 Prerequisite – None</p>	<p>The Making Connections courses assist students in disability awareness. These courses will help students to develop and generalize appropriate and beneficial social skills and increase student's postsecondary outcomes. Making Connections I include personal growth and awareness, social awareness, and social success.</p>
<p>SEMC1X3 Making Connections 4</p> <p>Grade Level – 12 Credits – .5 Prerequisite – None</p>	
<p>SENLHF Navigating Life with Hearing Loss</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>The purpose of this course is to provide the necessary information, resources, and opportunities that will empower students who are deaf or hard of hearing to effectively apply information and skills learned in educational, home, and community settings in order to facilitate achievement in secondary and postsecondary environments. Areas to be addressed include audiology, hearing health, assistive technology, available support services and accommodations, communication, self-determination and advocacy, and deaf culture.</p>

World Languages

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SWFR1R	French 1	9-12	1
SWFR2R	French 2	10-12	1
SWFR1H	Honors French 2	10-12	1
SWFR3R	French 3	11-12	1
SWFR3H	Honors French 3	11-12	1
SWFR4P	AP French 4	12	1
SWGR1R	German 1	9-12	1
SWGR2R	German 2	10-12	1
SWGR1H	Honors German 2	10-12	1
SWGR3R	German 3	11-12	1
SWGR3H	Honors German 3	11-12	1
SWGR4P	AP German 4	12	1
SWLA1R	Latin 1	9-12	1
SWLA2R	Latin 2	10-12	1
SWLA2H	Honors Latin 2	10-12	1
SWLA3H	Honors Latin 3	11-12	1
SWLA4P	AP Latin 4: Poetry	11-12	1
SWLA5H	Honors Latin 5: Literature	12	1
SWSP1R	Spanish 1 (May be taken in grades 7 and 8 for one credit)	7-12	1
SWSP1H	Honors Spanish 1	9-12	1
SWSP2R	Spanish 2	9-12	1
SWSS1H	Honors Spanish for Spanish Speakers 1-2 (May be taken in grades 7 and 8 for one credit)	7-12	2
SWSP2H	Honors Spanish 2	9-12	1
SWSP3R	Spanish 3	10-12	1
SWSS3H	Honors Spanish for Spanish Speakers 3	10-12	1
SWSP3H	Honors Spanish 3	10-12	1

SWSP4R	Spanish 4	10-12	1
SWSP4P	AP Spanish 4	11-12	1
SWSP5P	AP Spanish 5	12	1
SWAS1R	American Sign Language 1	9-12	1
SWAS2R	American Sign Language 2	10-12	1
SWAS3R	American Sign Language 3	11-12	1
SWAS4R	American Sign Language 4	12	1

FRENCH COURSE DESCRIPTIONS

<p>SWFR1R French 1</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>French 1 is an introduction to the French-speaking world, its language, and its people. The main emphasis is on early oral communication skills while developing reading and writing skills. Grammar skills are introduced through both oral and written expression. The student is guided in recognizing the interrelationships of languages and in understanding the cultural aspects of the French-speaking world.</p>
<p>SWFR2R French 2</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – French 1</p>	<p>French 2 emphasizes the further development of the four communication skills: reading, writing, speaking, and listening. Students will study the culture not only of France, but also the French-speaking world.</p>
<p>SWFR2H Honors French 2</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – French 1</p>	<p>This course develops the four communications skills of reading, writing, speaking, and listening at levels of greater depth than French 2. Vocabulary, speaking fluency, writing proficiency, and Francophone culture are emphasized. Honors students spend more time on actual practice using the language.</p>
<p>SWFR3R French 3</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – French 2</p>	<p>French 3 emphasizes speaking and listening skills. By the end of the year, students will have a general knowledge of the basic structure of the language and will be able to converse on a variety of topics. Reading and writing skills will be improved. Cultural topics will include contemporary issues in French-speaking countries as well as real-life situations students might encounter while visiting a French-speaking country.</p>
<p>SWFR3H Honors French 3</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite –French 2 (Honors Recommended)</p>	<p>Students will complete the study of the basic structure of the language while deepening their communication skills. They will begin reading authentic texts and will be expected to give several different kinds of oral presentations. Except for grammar explanations, the class will be taught almost exclusively in French. The course will provide cultural experiences as well as develop language proficiency</p>
<p>SWFR4P AP French 4</p> <p>Grade Level – 12 Credits – 1 Prerequisite –French 3 (Honors Recommended)</p>	<p>The goal is to create reasonable fluency in the four communication areas: reading, writing, listening, and speaking. At this level, the instruction becomes more individualized as students exhibit individual strengths and weaknesses. Technology, including the language laboratory, the internet, authentic video, audio, and literature provide the students with opportunities to increase skills. The class is taught in French except for grammar explanations. Several texts are provided for mastery of the four skills. Students produce compositions as well as oral presentations.</p>

GERMAN COURSE DESCRIPTIONS

<p>SWGR1R German 1</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>German 1 begins by teaching the basic sounds of German vowels and consonants through common, everyday conversational patterns such as greetings, partings, “small talk,” counting, and telling time. Study progresses to the grammar required to express more complex ideas by using direct and indirect objects, present tense and conversational past, and the use of everyday idioms.</p>
<p>SWGR2R German 2</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – German 1</p>	<p>German 2 begins with an in-depth review and expansion of German 1. Speaking and oral comprehension are stressed. More complex grammar is learned, such as dependent and independent clauses, as well as other verb tenses. Supplementary readings are used from newspapers, magazines, and simple literary works. Cultural aspects of German-speaking countries are taught.</p>
<p>SWGR3R German 3</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – German 2</p>	<p>German 3 provides extensive oral practice in conversational German. The reading materials used, as well as the writing topics, will stress real-life situations. German culture study is a natural by-product of this instructional strategy.</p>
<p>SWGR3H Honors German 3</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – German 2 (Honors Recommended)</p>	<p>Honors German 3 presents a comprehensive study of speaking, listening, reading, and writing intermediate German. It includes polishing the grammar of the first two years, expanding literary study, and studying the influence of Germany in the world, especially in the United States.</p>
<p>SWGR4P AP German 4</p> <p>Grade Level – 12 Credits – 1 Prerequisite – German 3 (Honors Recommended)</p>	<p>AP German 4 prepares and evaluates a student’s ability to communicate in modern German. Language communication is both input (reading and listening) and output (speaking and writing). To facilitate the student’s ability to respond to German prompts, whether written or spoken in correct and idiomatic German, the entire class is conducted in German. Students will read appropriate AP-level literature selections and discuss their cultural implications in contemporary German society.</p>

LATIN COURSE DESCRIPTIONS

<p>SWLA1R Latin 1</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Latin 1 content focuses on communication, culture, connection and comparison of the Latin language and culture to ours. Latin 1 introduces the basic structure and grammar of the Latin language with emphasis on reading and comprehension of Latin texts through an inductive language method. Classical civilization and culture, history and mythology is studied in conjunction with the readings. Vocabulary and grammar and their relationship to English are essential components of the course.</p>
<p>SWLA2R Latin 2</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Latin 1</p>	<p>Intermediate grammatical concepts and vocabulary are introduced through the use of a continuous narrative begun in the first year. As in Latin 1, the relationship between English and Latin vocabulary and grammar are emphasized. Skills in reading and comprehension of Latin passages at the intermediate level are developed. The students continue their study of Roman civilization and culture, history and mythology, as related to the readings.</p>
<p>SWLA2H Honors Latin 2</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Latin 1</p>	<p>Honors Latin 2 is similar in scope and content to Latin 2 but has additional native language readings on Roman culture and an emphasis on character analysis of material in the daily readings as a preparation for doing literary analysis for AP Latin.</p>
<p>SWLA3H Honors Latin 3</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Latin 2</p>	<p>Honors Latin 3 curriculum includes advanced grammatical concepts and vocabulary as needed to prepare students for reading authentic Latin texts, introduced through narratives interspersed with authentic Latin literature, including prose and poetry as well as the study of culture and history relevant to individual authors. The second semester is a general survey of Roman authors including Caesar, Cicero, Livy, Petronius, Ovid and Vergil. The students continue their study of Roman civilization and culture, history and mythology as related to the readings.</p>
<p>SWLA4P AP Latin 4</p> <p>Grade Level – 12 Credits – 1 Prerequisite – Latin 3</p>	<p>This course is the advanced study of the Latin epic, Virgil's Aeneid. The course follows the curriculum of the College Board Advanced Placement Committee in order to prepare students for the Advanced Placement Examination on Virgil. This course includes extensive reading of the primary text and the entire Aeneid in translation, literary analysis, forms and devices specific to poetry, metrical conventions, and the study of culture, history, and mythology as relevant to the Aeneid with particular emphasis on preparing for Advance Placement examination on Virgil.</p>
<p>SWLA5H Honors Latin 5</p> <p>Grade Level – 12 Credits – 1 Prerequisite – Latin 4</p>	<p>This course is the advanced study of Latin literature (e.g., Catullus/Ovid). The Latin Literature curriculum includes the study of the works of Catullus and one of the following authors: Horace, Cicero, Ovid. The course covers extensive reading of the primary texts, literary analysis, forms and devices specific to poetry/prose, metrical conventions, and the study of culture and history relevant to the individual authors.</p>

SPANISH COURSE DESCRIPTIONS

<p>SWSP1R Spanish 1</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Spanish 1 offers an introduction to the language. It seeks to develop the four basic audio-lingual skills: listening, speaking, reading, and writing. Class instruction at the outset includes intensive training in conversation and proceeds through reading and writing to formal grammatical structure.</p>
<p>SWSP1H Honors Spanish 1</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Honors Spanish 1 begins the preparation for the Advanced Placement Exam in Spanish Language and Spanish Literature. The class is conducted in English at first, but Spanish will be used for increasingly extended periods of time. The students are encouraged to respond in Spanish. Culture, history, geography, and literature are studied to gain a better understanding of the different cultures in the Spanish-speaking world.</p>
<p>SWSP2R Spanish 2</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – Spanish 1</p>	<p>Spanish 2 is a continuation of Spanish 1. First year grammar is thoroughly reviewed, and the course continues through advanced grammatical structures. Oral communications, compositions, and cultures of Spanish-speaking countries are emphasized.</p>
<p>SWSS1H Honors Spanish for Spanish Speakers 1-2</p> <p>Grade Level – 7-12 Credits – 2 Prerequisite – District Placement</p>	<p>Spanish for Spanish Speakers 1-2 is designed for Spanish speaking students whose native language is Spanish but who want to grow Spanish literacy skills. Course curriculum focuses on the refinement of the student’s reading, writing, and listening skills in order to make successful language transitions to other academic areas in the English language.</p>
<p>SWSP2H Honors Spanish 2</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – Spanish 1 (Honors Recommended)</p>	<p>Honors Spanish 2 continues the preparation for the Advanced Placement Exam in Spanish Language and Spanish Literature. The class is conducted in Spanish and students are expected to respond in Spanish. Students read excerpts from current newspapers and magazines in Spanish and from edited versions of Spanish literature. Development of writing skills is achieved through short compositions and dialogues. Culture, history, geography, and literature are studied to gain a better understanding of the different cultures in the Spanish-speaking world.</p>
<p>SWSP3R Spanish 3</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Spanish 2</p>	<p>Spanish 3 is a continuation of Spanish 1 and 2, building on the foundation set previously. The course builds on the student’s skills, engaging the student in more open-ended activities. The goal is for the student to apply the language in a variety of situations. Culture, history, geography, and literature are studied to gain a better understanding of the different cultures of the Spanish-speaking world. The class is taught primarily in Spanish and the student is encouraged to respond in Spanish as well.</p>

<p>SWSS3H Honors Spanish for Spanish Speakers 3</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Spanish for Spanish Speakers 1 and 2</p>	<p>Honors Spanish for Spanish Speakers 3 is a continuation of SSS 1-2. It is designed for the Spanish-speaking student who is literate in the Spanish language and desires to perfect and enrich his/her language proficiency in the areas of grammar, reading, writing, and communication/presentation skills. Curricular emphasis focuses on critical thinking skills and on fostering an interest in the Hispanic heritage through the study of the culture, history, geography, and appropriate AP literature selections.</p>
<p>SWSP3H Honors Spanish 3</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Spanish 2 (Honors Recommended), Spanish for Spanish Speakers 1-2, or by exam</p>	<p>Honors Spanish 3 is a continuation of Honors Spanish 2 and is designed to concentrate on skills necessary for success on the Advanced Placement Exam in Spanish Language or Literature. In addition to the Spanish 3 course description, this course offers a greater depth to each concept taught as well as an opportunity to read appropriate AP literature selections. The student's communicative skills are expected to be at a higher proficiency level. The class is taught in Spanish and the student is expected to respond in Spanish as well.</p>
<p>SWSP4R Spanish 4</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Spanish 3 (Honors Recommended)</p>	<p>Spanish 4 continues the study of complex grammar concepts, presents new vocabulary, provides opportunities for conversation on topics of a varied nature, includes the reading of classical and modern authors as well as news media materials, and requires student expression in oral and written form.</p>
<p>SWSP4P AP Spanish 4</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Spanish 3 (Honors Recommended), Spanish for Spanish Speakers 3, or by exam</p>	<p>AP Spanish 4 is intended to be the equivalent to a second-year course in college. It follows the AP curriculum outlined by the College Board. The goal of the course is to prepare the student to successfully take the AP Spanish Language Exam. The course focuses on Spanish language proficiencies through mastery of fluency in speaking writing, reading, and listening with understanding so that these skills are applied automatically. It seeks to develop language skills and insight that can be applied to various activities and disciplines.</p>
<p>SWSP5P AP Spanish 5</p> <p>Grade Level – 12 Credits – 1 Prerequisite – AP Spanish 4 or by exam</p>	<p>AP Spanish 5 is intended to be the equivalent of a third-year college introduction to literature in Spanish, covering selected works from literatures of Spain and Spanish America and which follows the College Board curriculum. Because the students read and analyze literature in Spanish, both orally and written, the language proficiency reached by the end of this course is generally equivalent to that of college students who have completed a fifth semester of Spanish in composition, conversation, and grammar.</p>

AMERICAN SIGN LANGUAGE COURSE DESCRIPTIONS

<p>SWAS1R American Sign Language 1</p>	<p>American Sign Language 1 is the introductory course in ASL. During this course, the students will begin to develop their expressive and receptive signing skills as well as begin to build extensive sign vocabulary. The course will focus on ASL grammatical structures and basic information about deaf culture.</p>
<p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	
<p>SWAS2R ASL 2</p>	<p>This course will expand the American Sign Language (ASL) sign vocabulary acquired in ASL 1. The course will focus on the improvement of expressive and receptive signing skills. During ASL 2, the student’s knowledge will be expanded in the areas of the history of the deaf, deaf culture, and grammatical aspects of ASL.</p>
<p>Grade Level – 10-12 Credits – 1 Prerequisite – ASL 1</p>	
<p>SWAS3R ASL 3</p>	<p>American Sign Language (ASL) 3 offers advanced ASL sign vocabulary and syntax. An introduction is given to job opportunities as interpreters as well as other careers related to deafness. A greater emphasis is given to expanding skills in expressive and receptive signing. This course includes the use of signing between student and teacher and among students.</p>
<p>Grade Level – 11-12 Credits – 1 Prerequisite – ASL 2</p>	
<p>SWAS4R ASL 4</p>	<p>This course is a continuation of ASL 3. During the course, the student will gain knowledge of the different types of signed systems used in the educational setting and the art of interpreting. It will prepare the student for college-level ASL classes and for work involving the deaf community. The goal of this course is to ultimately prepare the student to pass the Texas Level 1 certification exam to interpret for the deaf.</p>
<p>Grade Level – 12 Credits – 1 Prerequisite – ASL 3</p>	

Note: Though ASL is accepted as a World Language for college admissions purposes in Texas public colleges and universities, it may not be accepted as widely outside of Texas. Students interested in admission to private colleges and out of state universities and colleges should check the specific requirements for admission before selecting ASL to meet their graduation requirements.

Physical Education and Health

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SPFD1R3	Foundations of Personal Fitness*	9-12	.5-1
SPIT2R3	Individual / Team Sports*	9-12	.5-1
SPOA1R3	Outdoor Adventure Education*	9-12	.5-1
SEPA1R	Peer Assistance for Students with Disabilities I (Partner P.E. Mentors)	9-12	.5-1
SEPA2R	Peer Assistance for Students with Disabilities II (Partner P.E. Mentors)	10-12	.5-1
SESM1R	Sports Medicine I	9-10	.5-1
SPATV1	Student Athletic Trainer I	9	1
SPATV2	Student Athletic Trainer II	10	1
SPATV3	Student Athletic Trainer III	11	1
SPATV4	Student Athletic Trainer IV	12	1
SEHEAR3	Health Education I	9-10	.5

SPECIAL EDUCATION PHYSICAL EDUCATION COURSES

The following courses are for students who meet the eligibility requirements for special education services. Enrollment is based on Admission, Review, and Dismissal (ARD) Committee decision and instructional arrangement. Adapted Physical Education (APE) services/supports are available for identified students as per ARD decisions.

SPPP1X	Partner P.E. – Foundations of Personal Fitness*	9-12	1
SEHEAX3	Health	9-12	.5

*This course meets the full or partial requirements for P.E. graduation credit.

PHYSICAL EDUCATION, ATHLETICS, AND HEALTH COURSE DESCRIPTIONS

<p>SPFD1R3 Foundations of Personal Fitness</p> <p>Grade Level – 9-12 Credits – .5–1 (P.E.) Prerequisite – None</p>	<p>The purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness, or striving to reach optimal levels of health, is the corner-stone of this course and is exemplified by one of the course objectives – students designing their own personal fitness program.</p>
<p>SPIT2R3 Individual / Team Sports</p> <p>Grade Level – 9-12 Credits – .5–1 Prerequisite – None</p>	<p>This course provides students with the opportunity to develop health-related fitness and an appreciation for teamwork and fair play through participation in a variety of team and individual sports. Aerobic activities are designed to help students develop a strong level of cardiovascular fitness and skills necessary to engage in a variety of aerobic activities that will help them develop and maintain a positive attitude and build the foundation of fitness for life. Individual and group sports are designed to provide students with the opportunity to develop health-related fitness and an appreciation of a variety of lifetime activities related to developing and maintaining an appropriate level of personal fitness.</p>
<p>SPIT2R3 Outdoor Adventure Education</p> <p>Grade Level – 9-12 Credits – .5–1 Prerequisite – None</p>	<p>Students enrolled in adventure outdoor education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.</p>
<p>SEPA1R Peer Assistance for Students with Disabilities I</p> <p>Grade Level – 9-12 Credits – .5-1 Prerequisite – Application and Teacher Approval</p>	<p>Students in this course serve as Partner P.E. Mentors. As peer assistants, they are provided the opportunity to understand the different disabilities of the students, develop leadership skills to aid the learners and work on communication skills between the peer assistant and the learners. Peer assistants obtain initial training in confidentiality, cueing, prompting, and positive reinforcement to be used with their students. Peer assistants aid the teacher inside the special education setting by modeling appropriate learning behaviors, assisting with hands on learning activities, and developing activities to facilitate inclusion within the classroom. The goal is to create a relationship among age-appropriate peers of different abilities, both socially and academically, that will last long beyond the classroom time.</p>
<p>SEPA2R Peer Assistance for Students with Disabilities II</p> <p>Grade Level – 10-12 Credits – .5-1 (elective only) Prerequisite – Application and Teacher Approval</p>	<p>In this course, students serving as Partner P.E. Mentors provide more one-on-one instruction to the student receiving assistance. The peer assistant role is designed to accompany the student receiving assistance as a facilitator of learning as the peer assistant goes out to courses within the school. The relationship that develops inside the classroom between these peer assistants and learners with special needs allows for growth for each student as the peer assistants act as a support and voice in the classroom and the student receiving assistance learns lifelong skills and develops confidence within and outside of the school environment.</p>
<p>SESMDR3 Sports Medicine I</p> <p>Grade Level – 9-10 Credits – .5-1 Prerequisite – None</p>	<p>This course provides an opportunity for the study and application of the components of sports medicine including sports medicine, concepts of sports injury, athletic healthcare team, sports injury law, sports injury prevention, sports psychology, nutrition, recognition of injuries, emergency action plan and initial injury evaluation, first aid/CPR/AED, the injury process, immediate care of athletic injuries of specific body areas, skin conditions in sports, blood borne pathogens, thermal injuries, and special medical concerns of the adolescent athlete.</p>

<p>SPATV1 Student Athletic Trainer I</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Instructor Approval</p>	
<p>SPATV2, Student Athletic Trainer II</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Instructor Approval</p>	<p>Student Athletic Trainer is a course designed to provide hands-on opportunities for students to apply the knowledge and skills acquired in the Sports Medicine I course. Students will serve as actual “Athletic Trainers” as they travel with various teams throughout U.I.L. competitions. Student Athletic Trainers will assist the coaching staff with injury management, physical therapy, and rehabilitation techniques as appropriate for skill level. Athletic training/sports medicine is predicted to be one of the most lucrative careers of the future. Students successfully completing several years in high school as an athletic trainer will be top candidates for athletic training scholarships.</p>
<p>SPATV3 Student Athletic Trainer III</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Instructor Approval</p>	
<p>SPATV4 Student Athletic Trainer IV</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Instructor Approval</p>	
<p>SEHEAR3 Health Education I</p> <p>Grade Level – 9-10 Credits – .5 Prerequisite – None</p>	

SPECIAL EDUCATION P.E. AND HEALTH COURSE DESCRIPTIONS

The following courses are for students who meet the eligibility requirements for special education services. Enrollment is based on Admission, Review, and Dismissal (ARD) Committee decision and instructional arrangement.

<p>SPPP1X Partner P.E. – Foundations of Personal Fitness</p> <p>Grade Level – 9-12 Credits – 1 (P.E. or Elective) Prerequisite – Application and Teacher Approval</p>	<p>Partner P.E. is a success-oriented physical education course for students with special needs. Partner P.E. includes students with disabilities and students without disabilities working together to encourage physical activity while developing respect for one another. This course promotes physical activity, acquisition of individual lifetime wellness skills, team sports, and recreational activities while fostering relationships and developing leadership skills in the peer partners.</p>
<p>SEHEAX3 Health Education ALT</p> <p>Grade Level – 9-10 Credits – .5 Prerequisite – None</p>	<p>In Health 1, students develop skills that will make them health-literate adults. Students gain a deeper understanding of the knowledge and behaviors they use to safeguard their health, particularly pertaining to health risks. Students are taught how to access accurate information that they can use to promote health for themselves and others. Students use problem-solving, research, goal setting and communication skills to protect their health and that of the community.</p>

Fine Arts Course Descriptions



Visual Arts

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SFAA1R	Art 1	9-12	1
SFAA1H	Honors Art 1	9-12	1
SAFD2R	Art 2: Drawing 2	10-12	1
SAFP2R	Art 2: Painting 2	10-12	1
SAFC2R	Art 2: Ceramics 2	10-12	1
SFAS2R	Art 2: Sculpture 2	10-12	1
SAFD3R	Art 3: Drawing 3	11-12	1
SAFP3R	Art 3: Painting 3	11-12	1
SAFC3R	Art 3: Ceramics 3	11-12	1
SFAS3R	Art 3: Sculpture 3	11-12	1
SAFD4R	Art 4: Drawing 4	12	1
SAFP4R	Art 4: Painting 4	12	1
SAFC4R	Art 4: Ceramics 4	12	1
SFAS4R	Art 4: Sculpture 4	12	1
SAFASAP	AP Studio Art	12	1
SAFAAHP	AP Art History	11-12	1

VISUAL ARTS COURSE DESCRIPTIONS

<p>SFAA1R Art 1</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Art 1 is two-semester introductory course exploring the elements and principles of art and applying them to produce a variety of two and three-dimensional art media. This includes drawing, painting, print making, sculpture, ceramics, and fibers. Students also study historical and cultural influences on art. Students explore the philosophical nature of art and learn how to form and articulate critical assessments of art. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.</p>
<p>SFAA1H Honors Art 1</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – Portfolio</p>	<p>Honors Art is a two-semester course available to students with art experience at the middle school level. The Art 1 curriculum is taught; however, students also produce work at a more advanced level in quality and quantity. This class is designed for serious art students who intend to enroll in rigorous AP Studio Art classes. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies. (High school arts teachers are available to provide information on the development of a mini portfolio for consideration, if needed.)</p>
<p>SFAA2H Honors Studio Art</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Art 1 or Honors Art 1 and Instructor Approval</p>	<p>Honors Studio Art is a two-semester course that will provide an in-depth approach to developing skills related to drawing from observations, adept application of a broad range of media and processes, the development of personal and creative solutions to visual problems, a broad understanding of drawing, and the cultural and historical contexts around which drawings are created. By the end of the course, the students will complete the “Breadth Section” of their AP Studio Art portfolio. In addition, students will be expected to view, research, write about, and speak about the art of contemporary and historical art and artists. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.</p>
	<p>SFAD2R - Drawing 2 This two-semester course offers instruction in a variety of drawing media and techniques. Students will be expected to utilize and expand upon the elements and principles of art and skills learned in Art 1. Emphasis is on skill building and creative problem solving. In addition, the practical, cultural, and historical aspects of drawing will be addressed. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.</p>
<p>Art 2</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Art 1 and Instructor Approval</p>	<p>SFAP2R - Painting 2 This two-semester course expands the student’s knowledge of the elements and principles of art, and drawing skills, and explores the use of color and color theory with watercolor and acrylic paints. Students will study the influence of historical and cultural factors on painters of the past and present. They will explore aesthetics and engage in art criticism. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.</p>
	<p>SFAC2R - Ceramics 2 This two-semester course expands on the elements and principles of art explored in Art 1 and offers students a well-rounded clay experience that incorporates thrown and hand-built construction, glaze processes, glaze chemistry, and exposure to potters of many cultures past and present. Students in Ceramic 2 will be given specific hand- building assignments to increase skill and encourage creativity. They will also be expected to throw on the potters wheel periodically to increase ability. Problem solving with all methods of construction will increase skill and understanding of the properties of clay. Teacher demonstrations, vocabulary, and art history presentations, along with periodic research assignments, will provide students with a source of inspiration. Students will be responsible for a course fee and/or purchasing and maintaining a set of art supplies.</p>
	<p>SFAS2R - Sculpture 2 This two-semester course will expand the application of the elements and principles of art learned in Art 1. Students will explore the properties of three-dimensional design in a variety of media including clay metal, wood, plaster, wire, found materials, and more. Students will learn important methods, research the work of other artists, and create specific assignments with individual expression. Art History lessons will provide a resource for inspiration while informing students of sculpture’s cultural importance. The course is predominately studio based but is meant to be a class that incorporates all aspects of learning to increase problem solving, creativity, and knowledge. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.</p>

Art 3	SFAD3R - Drawing 3
	This two-semester course further explores the elements and principles of art and continues instruction in a variety of drawing media and techniques. Students will be expected to utilize the information and skills that were learned in Drawing 2. Emphasis is on skill building and creative problem solving and developing a portfolio. The practical, cultural, and historical aspects of drawing will also be addressed. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.
	SFAP3R - Painting 3
	This two-semester course further explores of the elements and principles of art, painting skills, and use of color through watercolor, acrylic, and oil paints. Students will study the influence of historical and cultural factors on painters of the past and present through research and oral presentations. They will explore aesthetics and engage in art criticism. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.
Grade Level – 11-12 Credits – 1 Prerequisite – Corresponding Art 2 Course and Instructor Approval Required	SFAC3R - Ceramics 3
	This two-semester course will further explore the elements and principles of art while allowing students to specialize, focusing on a specific ceramics method/medium. Students will have opportunities to further develop present skills while exploring more challenging techniques. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.
	SFAS3R - Sculpture 3
	This two-semester course will further explore the elements/principles of art and incorporate the knowledge and skills learned in Sculpture 2, while allowing students to become specialized. They may work with a medium of choice to increase skill and produce original designs. Students are required to pay a course fee and/or purchasing and maintaining a set of supplies.
Art 4	SFAD4R - Drawing 4
	This two-semester course continues instruction in a variety of drawing media and techniques. Students will further develop experimental approaches to drawing building on skills developed in Drawing 3 and incorporate painting techniques in their work as well. Emphasis is on skill building, creative problem solving, and building a portfolio. The practical, cultural, and historical aspects of drawing will also be explored through research and oral presentations. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.
	SFAP4R - Painting 4
	This two-semester course continues instruction in a variety of painting media and techniques. Students will further develop experimental approaches, building on skills developed in Painting 3, drawing skills, and use of color using watercolor, acrylic, and oil paints. Students will study the influence of historical and cultural factors on painters of the past and present through research and oral presentations. They will explore aesthetics, engage in art criticism and engage in portfolio development. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.
Grade Level – 12 Credits – 1 Prerequisite – Corresponding Art 3 Course and Instructor Approval Required	SFAC4R - Ceramics 4
	This two-semester course will allow students to further explore the elements and principles of art through advanced ceramics exploration. The students specialize more, focusing on a specific method. Students will have opportunities to further develop presentation skills and portfolio development. They will explore aesthetics and engage in art criticism. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.
	SFAS4R - Sculpture 4
This two-semester course will further explore elements and principles of art and incorporate the information and skills that were learned in Sculpture 3, while allowing students to become more specialized. They may work with a medium of choice to increase skill and produce original designs. Students will have opportunities to further develop presentation skills and portfolio development. They will explore aesthetics and engage in art criticism. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.	

<p>SFASAP AP Studio Art</p> <p>Grade Level – 12 Credits – 1 Prerequisite –Honors Studio Art and/or Art 3, Portfolio Review, and Instructor Approval</p>	<p>AP Studio Art is a two-semester course that provides a challenging educational opportunity for the high school art student. This course emphasizes the production of a portfolio that will be rigorously evaluated. This course completes the “Concentration” portion of the AP 2D/Drawing Exam. The course requires students to complete a series of works based on a single theme, visual interest, or problem, and the student’s need for a substantive experience in formal, technical and expression as an artist. Success will most likely result from having taken previous training in art. The AP examination is given in May. Results are sent to the colleges of the student’s choice, which may grant three or six hours of college credit, advanced placement, or both. Placement and credit are granted by institutions in accordance with their own policies. Students are responsible for a course fee and/or purchasing and maintaining a set of art supplies.</p> <p>Note: Although The College Board does not list prerequisites for this course, it is understood that previous advanced art coursework is required and necessary to be successful in developing the portfolio required for successful completion of this course.</p>
<p>SFAAHP AP Art History</p> <p>Grade Level- 11-12 Credits-1 Prerequisite – Honors Studio Art, Honors English 1, AP World History, or PSAT/NMSQT score of .5 or higher.</p>	<p>The AP Art History course is equivalent to a two-semester introductory college course that explores the nature of art, art making, and responses to art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content. They experience, research, discuss, read, and write about art, artists, art making, responses to, and interpretations of art. Students may be responsible for a course fee. A more detailed overview of the course can be found on The College Board website by clicking HERE.</p>

Theatre Arts

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SFTH1R	Theatre Arts 1	9-12	1
SFTH2R	Theatre Arts 2	10-12	1
SFTH3R	Theatre Arts 3	11-12	1
SFTH4R	Theatre Arts 4	10-12	1
SFTP1R	Theatre Production 1	9-12	.5-1
SFTP2R	Theatre Production 2	10-12	.5-1
SFTP3R	Theatre Production 3	11-12	.5-1
SFTP4R	Theatre Production 4	12	.5-1
SFTT1R	Technical Theatre 1	9-12	1
SFTT2R	Technical Theatre 2	10-12	1
SFTT3R	Technical Theatre 3	11-12	1
SFTT4R	Technical Theatre 4	11-12	1
SFTM1R	Musical Theatre	11-12	1
SDTG2R	Theatre Management	11-12	1

THEATRE ARTS COURSE DESCRIPTIONS

<p>SFTH1R Theatre Arts 1 Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Theatre 1 is a two-semester course that incorporates an introduction to theatre, the role of the actor in interpreting dramatic literature, safe and effective use of the body and voice through various performance theory and techniques, and an overview of the technical elements of theatrical production.</p>
<p>SFTH2R Theatre Arts 2 Grade Level – 10-12 Credits – 1 Prerequisite – Theatre 1 and instructor approval</p>	<p>Theatre 2 is a two-semester course that builds upon the study of movement, voice, character and script analysis, the historical evolution and cultural contributions of the theatre to society explored in Theatre 1. This course includes exploration of production approaches and acting techniques. Students study basic components of technical production and apply them through monologue, duet, and group scene performance. Students may be responsible for a course fee and/or purchasing and maintaining a set of supplies.</p>

<p>SFTH3R Theatre Arts 3 Grade Level – 11-12 Credits – 1 Prerequisite – Theatre 2, audition and instructor approval</p>	<p>Theatre 3 is a two-semester course that extends and builds upon the study of movement, voice, character and script analysis, the historical evolution and cultural contributions of the theatre to society explored in Theatre 2. This course includes exploration of various genres, production styles, and advanced acting techniques. Students study basic components of technical production and apply them through monologue, duet, and group scene performance in a variety of genres. Students may be responsible for a course fee and/or purchasing and maintaining a set of supplies.</p>
<p>SFTH4R Theatre Arts 4 Grade Level – 10-12 Credits – 1 Prerequisite – Theatre 3, audition and instructor approval</p>	<p>Theatre 4 is a two-semester course that offers advanced study of movement, voice, character and script analysis, and the historical evolution and cultural contributions of the theatre to society. This course extends the exploration of various genres, production styles explored in Theatre 3, and extends the exploration of acting techniques explored in Theatre 2 and 3. Students study components of technical production and apply them through a variety of performances. Students may be responsible for a course fee and/or purchasing and maintaining a set of supplies.</p>
<p>SFTP1R Theatre Production 1 Grade Level – 9-12 Credits – .5-1 Prerequisite – By audition only</p>	
<p>SFTP2R Theatre Production 2 Grade Level – 9-12 Credits – .5-1 Prerequisite – By audition only</p>	<p>Theatre Production is a co-curricular laboratory designed for the exploration, development, and synthesis of all the elements of theatre. Theatre Production provides for the hands-on production of a cast and crew in the rehearsal and performance aspects of theatre. Students gain practical experience in theatre through extensive daily rehearsal during class, after school, and on weekends. Public performance is required. This course may also include UIL competition. Credit for this course may be given to students who audition and are selected to be cast or crew members for productions that require after school and weekend rehearsals lasting most of the semester. Students may be responsible for a course fee and/or purchasing and maintaining a set of supplies.</p>
<p>SFTP3R Theatre Production 3 Grade Level – 9-12 Credits – .5-1 Prerequisite – By audition only</p>	<p>Note: This course is co-curricular; production assignment in co-curricular work requires rehearsals outside of the school day.</p>
<p>SFTP4R Theatre Production 4 Grade Level – 9-12 Credits – .5-1 Prerequisite – By audition only</p>	
<p>SFTT1R Technical Theatre 1 Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Technical Theatre 1 is a two-semester course that is an introduction to safe and effective carpentry and construction techniques including the safe use of power tools, lighting equipment and basic electrical elements, audio production, costume construction, and an introduction to theatrical design including an exploration of the elements and principles of design. Play analysis is also a part of this course. Technical Theatre 1 students may be able to assist in the production of various activities requiring the use of the scene shop and auditorium. Students may be responsible for a course fee and/or purchasing and maintaining a set of supplies.</p>

<p>SFTT2R Technical Theatre 2</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite –Theatre 1, portfolio review, and instructor approval</p>	<p>Technical Theatre 2 is a two-semester, advanced course exploring the safe and effective operation of equipment in the scene shop and the auditorium. The course provides students the opportunity to further develop construction and design aspects explored in Technical Theatre 1 through the teaching of production and stagecraft. Students will further explore the elements and principles of design and play analysis techniques, building on concepts introduced in Technical Theatre 1. Students may also design sets, and costumes, make-up, sound and basic lighting. Technical Theatre 2 students may assist in the production of various school activities requiring use of the auditorium including theatre productions, band and orchestra concerts, drill team productions, and various civic group activities. Students may be responsible for a course fee and/or purchasing and maintaining a set of supplies.</p>
<p>SFTT3R Technical Theatre 3</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite –Theatre 2, portfolio review, and instructor approval</p>	<p>Technical Theatre 3 and 4 are full-year advanced courses applying the safe and effective operation of equipment in the scene shop and the auditorium. The course provides students the opportunity to further develop construction techniques explored in Technical Theatre 2. Students will further explore application of the elements and principles of design through designing sets, costumes, and lighting. Students will acquire advanced skills in make-up artistry, and audio production. Technical Theatre takes the playwright’s script from “page to stage” through the formation of highly trained production staffs; this course prepares students to serve as a member of a production staff. Technical Theatre 3 and 4 students assist in the production of various after school activities requiring use of the auditorium including theatre productions, band and orchestra concerts, drill team productions, and various civic group activities. Students may be responsible for a course fee and/or purchasing and maintaining a set of supplies.</p>
<p>SFTT3R Technical Theatre 4</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite –Theatre 3, portfolio review, and instructor approval</p>	<p>Technical Theatre 3 and 4 students assist in the production of various after school activities requiring use of the auditorium including theatre productions, band and orchestra concerts, drill team productions, and various civic group activities. Students may be responsible for a course fee and/or purchasing and maintaining a set of supplies.</p>
<p>SFTM1R Musical Theatre</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Level 1 and 2 in two of the following disciplines: theatre, dance, choir. Audition and instructor approval</p>	<p>Musical Theatre is a two-semester course that will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will also provide an atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of musical theatre. Students will receive comprehensive and rigorous instruction so that they may make informed choices about the craft of musical theatre and college and career options. The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and other aspects of a musical production. Students may be responsible for a course fee and/or purchasing and maintaining a set of supplies.</p>
<p>SDTG2R Theatre Management II</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite –Technical Theatre 1 and 2, or Theatre Production 1 and 2. Portfolio review and instructor approval</p>	<p>Theatre Management is a two-semester course that affords students the opportunity to acquire and develop administrative skills that are commonly used in the management of theatre spaces and productions. Students apply a myriad of technical theatre concepts and skills along with developing knowledge and skills associated with production responsibilities, arts administration, theatre management, and applications of previously acquired theatre studies. Students may be responsible for a course fee and/or purchasing and maintaining a set of supplies.</p>

Dance

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SFDA1R	Dance 1 (Drill)	9-12	1
SFDA2R	Dance 2	10-12	1
SFDA3R	Dance 3	11-12	1
SFDA4R	Dance 4	11-12	1
SFDD2R	Dance (Drill Team) 2	10-12	1
SFDD3R	Dance (Drill Team) 3	10-12	1
SFDD4R	Dance (Drill Team) 4	10-12	1

DANCE COURSE DESCRIPTIONS

SFDA1R

Dance 1 (Drill)

Grade Level – 9-12

Credits – 1

Prerequisite – None

Dance 1 is a two-semester course providing students the opportunity to practice and perform dance skills through a variety of dance forms. While the emphasis is placed on developing physical skills, the program encourages development of the total person. The student's physical growth and development, attitudes, standards of conduct, and health habits are benefits from this course that are as equally important as the learned dance technique. Students will grow to appreciate dance as an art form. Dance 1 can be taken for fine arts and P.E. credit when teacher is certified in those content areas. The credits are not awarded simultaneously.

SFDA2R

Dance 2

Grade Level – 10-12

Credits – 1

Prerequisite – Dance 1 and instructor approval

Dance 2, 3, and 4 are full year courses providing the student with extensive work on technique, placement, and a series of steps from all genres of dance, including Jazz, Modern, Ballet, Tap and Folk. Following the Dance 1 course, Dance 2-4 will provide more physical and scientific perception of the body, creative expression through performance, historical and cultural heritage, and critical evaluation. The student will learn more advanced terminology, techniques, and the choreographic process which will enable them to pursue dance as a career or as a life-long pursuit. Students will continue developing their appreciation of dance as an art form.

SFDA3R

Dance 3

Grade Level – 11-12

Credits – 1

Prerequisite – Dance 2 and instructor approval

SFDA4R

Dance 4

Grade Level – 12

Credits – 1

Prerequisite – Dance 3 and instructor approval

<p>SFDD2R Dance (Drill Team) 2 Grade Level – 10-12 Credits – 1 Prerequisite – Successful completion of Dance 1, audition, and instructor approval</p>	
<p>SFDD3R Dance (Drill Team) 3 Grade Level – 11-12 Credits – 1 Prerequisite – Successful completion of Dance 2, audition, and instructor approval</p>	<p>Dance (Drill Team) 2, 3, and 4 are full year courses providing the student who successfully auditions with extensive work on technique, placement, and a series of steps from all genres of dance, including Jazz, Modern, Ballet, Tap and Folk. Following the Dance 1 course, Dance (Drill Team) 2-4 will provide more physical and scientific perception of the body, creative expression through performance, historical and cultural heritage, and critical evaluation. The student will learn more advanced terminology, techniques, and the choreographic process which will enable them to pursue dance as a career or as a life-long pursuit. Students will continue developing their appreciation of dance as an art form. Students will continue developing their appreciation of dance as an art form. Dance (Drill Team) 2, 3, and 4 are Fine Arts courses and can serve as a P.E. substitution credit in the fall semester.</p>
<p>SFDD4R Dance (Drill Team) 4 Grade Level – 12 Credits – 1 Prerequisite – Successful completion of Dance 3, audition, and instructor approval</p>	<p>Dance (Drill Team) 2, 3, and 4 are Fine Arts courses and can serve as a P.E. substitution credit in the fall semester.</p>

Band

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SFBS1R	Band (Sub Non-Varsity) 1	9-12	1
SFBS2R	Band (Sub Non-Varsity) 2	10-12	1
SFBS3R	Band (Sub Non-Varsity) 3	11-12	1
SFBS4R	Band (Sub Non-Varsity) 4	12	1
SFBN1R	Band (Non-Varsity) 1	9-12	1
SFBN2R	Band (Non-Varsity) 2	10-12	1
SFBN3R	Band (Non-Varsity) 3	11-12	1
SFBN4R	Band (Non-Varsity) 4	12	1
SFBV1R	Band (Varsity) 1	9-12	1
SFBV2R	Band (Varsity) 2	10-12	1
SFBV3R	Band (Varsity) 3	11-12	1
SFBV4R	Band (Varsity) 4	12	1
SFBJ1R	Jazz Ensemble 1	9-12	1
SFBJ2R	Jazz Ensemble 2	10-12	1
SFBJ3R	Jazz Ensemble 3	11-12	1
SFBJ4R	Jazz Ensemble 4	12	1
SFOM1R	Mariachi 1	9-12	1
SFOM2R	Mariachi 2	10-12	1
SFOM3R	Mariachi 3	11-12	1
SFOM4R	Mariachi 4	12	1

BAND COURSE DESCRIPTIONS

<p>SFBS1R Band (Sub Non-Varsity) 1</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFBS2R Band (Sub Non-Varsity) 2</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFBS3R Band (Sub Non-Varsity) 3</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFBS4R Band (Sub Non-Varsity) 4</p> <p>Grade Level – 12 Credits – 1 Prerequisite – Audition and instructor approval</p>	<p>Band (Sub Non-Varsity) is a full year course for students who have been prepared technically and musically for early high school literature. Through band as a performance ensemble, this course develops music performance skills, music literacy, critical evaluation and response to music, creative expression, and teaches historical and cultural relevance of music. During the fall semester, all band classes are combined to form the Marching Band and will participate in University Interscholastic League Marching Band Contests. Band students are required to attend pre-season marching band rehearsals prior to the start of the academic school year. Participating in fall semester Marching Band may substitute for the physical education requirement. All students will be required to perform in public concerts. Band is a two- semester course; students must participate in and successfully complete the fall semester as a member of the Marching Band to be considered for any of the spring band classes. Students are responsible for a course fee and purchasing and maintaining supplies.</p>
<p>SFBN1R Band (Non-Varsity) 1</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFBN2R Band (Non-Varsity) 2</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFBN3R Band (Non-Varsity) 3</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	<p>Band (Non-Varsity) is a full year course for students who have been prepared technically and musically for high school literature. Through band as a performance ensemble, this course develops music performance skills, music literacy, critical evaluation and response to music, creative expression, and teaches historical and cultural relevance of music. During the 1st Semester, all band classes are combined to form the Marching Band and will participate in University Interscholastic League Marching Band Contests. Band students are required to attend pre-season marching band rehearsals prior to the start of the academic school year. Participating in Fall Semester Marching Band may substitute for the physical education requirement. All students will be required to perform in public concerts. Band is a two-semester course; students must participate in and successfully complete the fall semester as a member of the Marching Band to be considered in any of the spring band classes. Students are responsible for a course fee and purchasing and maintaining supplies.</p>
<p>SFBN4R Band (Non-Varsity) 4</p> <p>Grade Level – 12 Credits – 1 Prerequisite – Audition and instructor approval</p>	

<p>SFBV1R Band (Varsity) 1 Grade Level – 9-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFBV2R Band (Varsity) 2 Grade Level – 10-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFBV3R Band (Varsity) 3 Grade Level – 11-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	<p>Band (Varsity) is a full year course for students who are the most technically proficient on their instruments. A challenging repertoire will be developed throughout the year. Through band as a performance ensemble, this course develops music performance skills, music literacy, critical evaluation and response to music, creative expression, and teaches historical and cultural relevance of music. Varsity Band is a two-semester course and requires participation in marching band rehearsal. During the fall semester, all band classes are also combined to form the Marching Band and will participate in University Interscholastic League Marching Band Contests. Band students are required to attend pre-season marching band rehearsals prior to the start of the academic school year. Participating in fall semester Marching Band may substitute for the physical education requirement. All students will be required to perform in public concerts. Students must participate in and successfully complete the fall semester as a member of the Marching Band to remain in any of the spring band classes. In the spring semester, Varsity students are required to perform in the University Interscholastic League Concert and Sight-Reading Assessment. Students are responsible for a course fee and purchasing and maintaining supplies.</p>
<p>SFBV4R Band (Varsity) 4 Grade Level – 12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFBJ1R Jazz Ensemble 1 Grade Level – 9-12 Credits – 1</p>	
<p>SFBJ2R Jazz Ensemble 2 Grade Level – 10-12 Credits – 1</p>	<p>Prerequisite – By audition only and open to currently enrolled members of the primary music ensembles (full choir, full orchestra, full marching/concert band). The only exceptions are students that audition on these rhythm section instruments: guitar, bass, or piano.</p>
<p>SFBJ3R Jazz Ensemble 3 Grade Level – 11-12 Credits – 1</p>	<p>Jazz ensemble is a two-semester course that provides the opportunity to learn and perform a variety of styles such as: swing, big band, Latin, blues, and rock. Students explore jazz improvisation and small group performances. All students will be required to perform in public concerts. Students are responsible for a course fee and purchasing and maintaining supplies.</p>
<p>SFBJ4R Jazz Ensemble 4 Grade Level – 12 Credits – 1</p>	

SFOM1R
Mariachi 1

Grade Level – 9-12
Credits – 1

SFOM2R
Mariachi 2

Grade Level – 10-12
Credits – 1

SFOM3R
Mariachi 3

Grade Level – 11-12
Credits – 1

SFOM4R
Mariachi 4

Grade Level – 12
Credits – 1

Prerequisite – By audition only and open to currently enrolled members of the performing band or orchestra ensembles.

Mariachi ensemble is a two-semester course that provides the opportunity to learn and perform Mariachi music and explore the history and tradition of Mariachi performance. All students will be required to perform in public concerts. Students are responsible for a course fee and purchasing and maintaining supplies.

Orchestra

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SFOS1R	Orchestra (Sub Non-Varsity) 1	9-12	1
SFOS2R	Orchestra (Sub Non-Varsity) 2	10-12	1
SFOS3R	Orchestra (Sub Non-Varsity) 3	11-12	1
SFOS4R	Orchestra (Sub Non-Varsity) 4	12	1
SFOS1R	Band (Non-Varsity) 1	9-12	1
SFOS2R	Band (Non-Varsity) 2	10-12	1
SFOS3R	Band (Non-Varsity) 3	11-12	1
SFOS4R	Band (Non-Varsity) 4	12	1
SFOV1R	Band (Varsity) 1	9-12	1
SFOV2R	Band (Varsity) 2	10-12	1
SFOV3R	Band (Varsity) 3	11-12	1
SFOV4R	Band (Varsity) 4	12	1

ORCHESTRA COURSE DESCRIPTIONS

SFOS1R

Orchestra (Sub Non-Varsity) 1

Grade Level – 9-12

Credits – 1

Prerequisite – Audition and instructor approval

SFOS2R

Orchestra (Sub Non-Varsity) 2

Grade Level – 10-12

Credits – 1

Prerequisite – Audition and instructor approval

SFOS3R

Orchestra (Sub Non-Varsity) 3

Grade Level – 11-12

Credits – 1

Prerequisite – Audition and instructor approval

SFOS4R

Orchestra (Sub Non-Varsity) 4

Grade Level – 12

Credits – 1

Prerequisite – Audition and instructor approval

String Orchestra (Sub Non-Varsity) is a two-semester course designed to help students develop playing skills to accommodate higher levels of reading and performing required in the standard orchestral literature. Through orchestra as a performance ensemble, the student will develop music performance skills, music literacy, critical evaluation and response to music, creative expression, and teaches historical and cultural relevance of music. All students will be required to perform in public concerts. Students are responsible for a course fee and purchasing and maintaining supplies.

SFOS1R
Orchestra (Non-Varsity) 1
Grade Level – 9-12
Credits – 1
Prerequisite – Audition and instructor approval

SFOS2R
Orchestra (Non-Varsity) 2
Grade Level – 10-12
Credits – 1
Prerequisite – Audition and instructor approval

SFOS3R
Orchestra (Non-Varsity) 3
Grade Level – 11-12
Credits – 1
Prerequisite – Audition and instructor approval

SFOS4R
Orchestra (Non-Varsity) 4
Grade Level – 12
Credits – 1
Prerequisite – Audition and instructor approval

SFOV1R
Orchestra (Varsity)
Grade Level – 9-12
Credits – 1
Prerequisite – Previous experience in orchestra, audition, and instructor approval

SFOV2R
Orchestra (Varsity)
Grade Level – 9-12
Credits – 1
Prerequisite – Previous experience in orchestra, audition, and instructor approval

SFOV3R
Orchestra (Varsity)
Grade Level – 9-12
Credits – 1
Prerequisite – Previous experience in orchestra, audition, and instructor approval

SFOV4R
Orchestra (Varsity)
Grade Level – 9-12
Credits – 1
Prerequisite – Previous experience in orchestra, audition, and instructor approval

String Orchestra (Non-Varsity) is a year-long course for students who wish to develop their playing skills to achieve higher levels of reading and performing of orchestral literature. Through orchestra as a performance ensemble, this course develops music performance skills, music literacy, critical evaluation, and creative expression. The course teaches historical and cultural relevance of music. All students will be required to perform in public concerts. Students are responsible for a course fee and purchasing and maintaining supplies.

String Orchestra (Varsity) is the top performing orchestra on campus. This is a two-semester course for students who are highly musically and technically proficient on their instruments and have experience playing in a string orchestra. A challenging repertoire will be developed throughout the year. Through orchestra as a performance ensemble, this course develops music performance skills, music literacy, critical evaluation and response to music, creative expression, and teaches historical and cultural relevance of music. All students will be required to perform in public concerts. Students will perform in the University Interscholastic League Concert and Sight-Reading Assessment. Students are responsible for a course fee and purchasing and maintaining supplies.

Choir

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SFCB1R	Choir (Tenor-Bass) 1	9-12	1
SFCB2R	Choir (Tenor-Bass) 2	10-12	1
SFCB3R	Choir (Tenor-Bass) 3	11-12	1
SFCB4R	Choir (Tenor-Bass) 4	12	1
SFCT1R	Choir (Treble) 1	9-12	1
SFCT2R	Choir (Treble) 2	10-12	1
SFCT3R	Choir (Treble) 3	11-12	1
SFCT4R	Choir (Treble) 4	12	1
SFCN1R	Choir (Non-Varsity B) 1	9-12	1
SFCN2R	Choir (Non-Varsity B) 2	10-12	1
SFCN3R	Choir (Non-Varsity B) 3	11-12	1
SFCN4R	Choir (Non-Varsity B) 4	12	1
SFCA1R	Choir (Non-Varsity A) 1	9-12	1
SFCA2R	Choir (Non-Varsity A) 2	10-12	1
SFCA3R	Choir (Non-Varsity A) 3	11-12	1
SFCA4R	Choir (Non-Varsity A) 4	12	1
SFCV1R	Choir (Varsity) 1	9-12	1
SFCV2R	Choir (Varsity) 2	10-12	1
SFCV3R	Choir (Varsity) 3	11-12	1
SFCV4R	Choir (Varsity) 4	12	1
SFMT1P	AP Music Theory	11-12	1

CHOIR COURSE DESCRIPTIONS

<p>SFCB1R Choir (Tenor-Bass) Grade Level – 9-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFCB2R Choir (Tenor-Bass) Grade Level – 10-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFCB3R Choir (Tenor-Bass) Grade Level – 11-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	<p>Choir (Tenor-Bass) is a two-semester course for students with tenor and bass range voices who wish to develop their singing skills toward higher levels of reading and performing of choral literature. In this course, the student will develop safe and effective vocal performance skills, breath and articulation skill, ensemble performance skills, music literacy, critical evaluation and response to music, and creative expression. Students will explore historical and cultural relevance of music. All students will be required to perform in public concerts. Students are responsible for a course fee.</p>
<p>SFCB4R Choir (Tenor-Bass) Grade Level – 12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFCT1R Choir (Treble) Grade Level – 9-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFCT2R Choir (Treble) Grade Level – 10-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	
<p>SFCT3R Choir (Treble) Grade Level – 11-12 Credits – 1 Prerequisite – Audition and instructor approval</p>	<p>Choir (Treble) is a two-semester course for students with soprano and alto range voices who wish to develop their singing skills toward higher levels of reading and performing of choral literature. In this course, the student will develop safe and effective vocal performance skills, breath and articulation skill, ensemble performance skills, music literacy, critical evaluation and response to music, and creative expression. Students will explore historical and cultural relevance of music. All students will be required to perform in public concerts. Students are responsible for a course fee.</p>
<p>SFCT4R Choir (Treble) Grade Level – 12 Credits – 1 Prerequisite – Audition and instructor approval</p>	

SFCN1R
Choir (Non-Varsity B) 1
Grade Level – 9-12
Credits – 1
Prerequisite – Audition and instructor approval

SFCN2R
Choir (Non-Varsity B) 2
Grade Level – 10-12
Credits – 1
Prerequisite – Audition and instructor approval

SFCN3R
Choir (Non-Varsity B) 3
Grade Level – 11-12
Credits – 1
Prerequisite – Audition and instructor approval

SFCN4R
Choir (Non-Varsity B) 4
Grade Level – 12
Credits – 1
Prerequisite – Audition and instructor approval

SFCA1R
Choir (Non-Varsity A) 1
Grade Level – 9-12
Credits – 1
Prerequisite – Audition and instructor approval

SFCA2R
Choir (Non-Varsity A) 2
Grade Level – 10-12
Credits – 1
Prerequisite – Audition and instructor approval

SFCA3R
Choir (Non-Varsity A) 3
Grade Level – 11-12
Credits – 1
Prerequisite – Audition and instructor approval

SFCA4R
Choir (Non-Varsity A) 4
Grade Level – 12
Credits – 1
Prerequisite – Audition and instructor approval

Choir (Non-Varsity B) is a two-semester course for students who wish to develop their singing skills toward higher levels of reading and ensemble performing required in choral literature. This course develops music performance skills, music literacy, critical evaluation, and creative expression. It explores historical and cultural relevance of music. All students will be required to perform in public concerts. Students are responsible for a course fee.

Choir (Non-Varsity A) is a two-semester course for students who wish to develop their singing skills toward higher levels of reading and performing required in choral literature. This course develops music performance skills, music literacy, critical evaluation, and creative expression. It explores historical and cultural relevance of music. All students will be required to perform in public concerts. Students are responsible for a course fee.

SFCV1R
Choir (Varsity) 1
Grade Level – 9-12
Credits – 1
Prerequisite – Audition and instructor approval

SFCV2R
Choir (Varsity) 2
Grade Level – 10-12
Credits – 1
Prerequisite – Audition and instructor approval

SFCV3R
Choir (Varsity) 3
Grade Level – 11-12
Credits – 1
Prerequisite – Audition and instructor approval

SFCV4R
Choir (Varsity) 4
Grade Level – 12
Credits – 1
Prerequisite – Audition and instructor approval

SFMT1P
AP Music Theory
Grade Level – 11-12
Credits – 1
Prerequisite – Instructor approval. Basic performance skills in voice or on an instrument. Interview may be required.

Varsity Choir is a two-semester course for students with highly developed vocal proficiency. Varsity Choir students must exhibit advanced music-reading skills. This ensemble performs the most advanced vocal literature. This course develops music performance skills, music literacy, critical evaluation, and creative expression. It explores historical and cultural relevance of music. All students will be required to perform in public concerts. Students will perform in the University Interscholastic League Concert and Sight-reading Assessment. Students are responsible for a course fee.

This course integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition and, to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are an important part of the course. The College Board recommends that students have acquired basic performance skills in voice or on an instrument.

High School 101

Local Course ID	Course	Grade Level	Credits
SEHS1R3	High School 101	9	.5

HIGH SCHOOL 101 COURSE DESCRIPTION

SEHS1R3
High School 101

Grade Level – 9
Credits – .5
Prerequisite – None

This class is a required course for all freshmen. It is designed to help students with the transition from middle school to high school. Students will learn the tools for a successful high school career. Topics addressed in this course include – study and organizational skills, college and career exploration, appropriate use of technology, time management, and personal wellness.

J.R.O.T.C.

Local Course ID	Course	Grade Level	Credits
SERO1R	J.R.O.T.C. 1	9-12	1
SERO1R	J.R.O.T.C. 2	10-12	1
SERO1R	J.R.O.T.C. 3	11-12	1
SERO1R	J.R.O.T.C. 4	12	1
SERMIL	J.R.O.T.C. Military Drill	9-12	.5-1

J.R.O.T.C COURSE DESCRIPTIONS

<p>SERO1R J.R.O.T.C. 1</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – Instructor approval</p>	<p>This aviation history course (AS) is designed to acquaint the student with the historical development of flight and the role of the military in history throughout the centuries. It starts with ancient civilizations then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation and the continuous development of today's Air Force. Leadership Studies (LE) introduces cadets to the AFJROTC program while instilling elements of good citizenship. It contains sections on Air Force organization structure, uniform wear, customs and courtesies, and other military traditions. Wellness is designed to introduce cadets to diet and exercise regimes, enhancing individual fitness utilizing the Presidents Fitness Program for high school students.</p>
<p>SERO2R J.R.O.T.C. 2</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – J.R.O.T.C. 1</p>	<p>This curriculum for second year students is a science course designed to acquaint students with the aerospace environment, human requirements for flight, and principles of aircraft flight and flight navigation. The leadership portion focuses cadets on communications skills, group awareness, and leadership dynamics. Written reports and speeches compliment academic materials. Wellness continues to focus cadets on personal diet and exercise habits leading to enhanced fitness for cadets.</p>
<p>SERO3R J.R.O.T.C. 3</p> <p>Grade Level – 11-12 Credits – 1 Prerequisite – J.R.O.T.C. 2</p>	<p>This AS course includes the latest information available in space science and exploration. It begins with the study of the space environment from the earliest days of interest in astronomy, through the Renaissance, and on to modern astronomy and space exploration. The next level of Leadership focuses on life skills, how to begin a job search, beginnings of financial planning, decisions on college versus vocational education, etc. This program is helpful to students deciding which path to take after high school. Wellness continues to focus cadets on personal diet and exercise habits leading to enhance fitness for cadets.</p>
<p>SERO4R J.R.O.T.C. 4</p> <p>Grade Level – 12 Credits – 1 Prerequisite – J.R.O.T.C. 3</p>	<p>Fourth year cadets manage the corps. This course is a practicum for senior cadets in leadership positions, using hands-on experience from previous leadership courses in managing the corps. All planning, organizing, coordinating, directing, and decision-making will be done by cadets (under supervision). The Leadership component emphasizes allowing cadets to develop their management styles. This includes four management building blocks from the military and civilian perspective: management techniques, management decisions, management functions, and managing self and others. Wellness culminates with senior cadets talking to and leading junior cadets through discussions on personal diet and exercise habits as well as leading exercise routines for the corps.</p>

SERMIL

J.R.O.T.C. Military Drill

Grade Level – 9-12

Credits – 1

Prerequisite – Instructor approval, tryout, and concurrent enrollment in

J.R.O.T.C. 1, 2, 3, or 4

This Drill and Ceremonies course provides fundamentals and in-depth instruction in Air Force drill and ceremonies, to include cadet ability to perform the AFJROTC 30-step drill sequence at the appropriate level commensurate with their enrollment experience. This course concentrates on the elements of military drill and describes individual and group precision movements, procedures for saluting, drill, ceremonies, reviews, parades, and development of command voice. Students are provided detailed instruction on ceremonial performance and protocol for civilian and military events and have the opportunity to personally learn Air Force drill concepts and procedures. Though each class will follow an established lesson plan, most of the work is “hands-on”. This course will also help cadets develop teamwork, self-discipline, pride, and esprit-de-corps while working as a group.

International Baccalaureate Courses (at Denton High School)

IB International Curriculum and Course Descriptions – [HERE](#)

Local Course ID	Course
SLAE3I, SLAE4I	English HL
SWSPSI, SWSPHI	Spanish SL/HL
SWFRSI	French SL
SWGESI	German SL
SWLASI	Latin SL
SSSA1, SSSA2I	History of the Americas HL
SSCESI	Environmental Systems and Societies SL
SSCBSI, SSCB1I, SSCB2I	Biology SL and HL
SECSLI, SECH1I, SECH2I	Computer Science SL and HL
SSCPSI	Physics SL
SSCCSI	IB Chemistry SL
SMAAA	Mathematics: Analysis and Approaches
SMAAII	Mathematics: Applications and Interpretation
SFDHI1, SFDH2I, SFDSL I	IB Dance SL and HL
SFMH1I, SFMH2I, SFMSLI	IB Music SL and HL
SFTH1I, SFTH2I, SFTSLI	IB Theatre Arts SL and HL
SFAH1I, SFAH2I, SFASLI	IB Visual Art HL and SL
SFFH1I, SFFH2I, SFFSLI	IB Film SL and HL
SETHEI1, SETHEI2	Theory of Knowledge
SEREA1I, SEREA12	IB Research: Extended Essay and Creativity, Activity, and Service (CAS)

GROUP 1: ENGLISH LANGUAGE AND LITERATURE

<p>SLAE3I, SLAE4I English HL</p> <p>Prerequisite: English I and English II (honors recommended)</p>	<p>English HL is a demanding two-year pre-university course of study designed to develop skills of textual analysis both literary and non-literary. The course encourages students to question the meaning generated by language and texts. An understanding of the ways in which formal elements are used to create meaning in a text is combined with an exploration of how that meaning is affected by reading practices that are culturally defined. The study of literature in translation from other cultures is especially important to IB DP students because it contributes to a global perspective. Texts are chosen from a variety of sources, genres, and media. The aims of this course include: introducing students to a range of different texts from different periods, styles, and genres; developing the ability to engage in close detailed analysis of individual texts and making relevant connections; developing powers of expression both in oral and written communication.</p>
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GROUP 2: LANGUAGE ACQUISITION

<p>Spanish SL/HL, French SL, German SL, Latin SL</p> <p>Prerequisite: Levels I-III (honors II and III recommended)</p>	<p>The focus of these courses is that students will be able to communicate with other World Language speakers in a comprehensible way so that they understand the cultures and contexts with which they are interacting. The courses are designed so that students will develop integrated language skills, increase cultural and social knowledge of the World Language and the associated cultures, and exchange ideas while gaining confidence in their abilities to communicate. Students demonstrate their knowledge and skills through oral exams, essays, and an IB examination.</p>
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GROUP 3: INDIVIDUALS AND SOCIETIES

<p>SSSA1I, SSSA2I History of the Americas HL</p> <p>Prerequisite: World Geography (honors recommended) AND World History (AP recommended)</p>	<p>History of the Americas HL is a two-year course with the first year dedicated primarily to Early American Government principles and early 20th Century U.S. History. The second year of the course approaches mid-late 20th Century World Topics including global peacekeeping, a case study dealing with the civil rights movement in the US (1954-1965) and a case study of Apartheid South Africa (1948-1964). The focus of this course is that students understand trends and developments along with continuity and change through time and individual events. These courses are concerned with individuals and societies in the widest context: political, social, economic, religious, technological, and cultural. Students develop analytical and research skills used to study primary sources and scholarly works to discover the overall framework of history from an international perspective. Students will be assessed on their ability to mold and polish these skills via: daily writing routines both short and extensive, participation in subject-centered discussions, and final, research focused papers including an IB required Historical Investigation.</p>
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GROUP 3 OR 4: INDIVIDUALS AND SOCIETIES OR SCIENCES

<p>SSCESI Environmental Systems and Societies SL</p> <p>Prerequisite: Biology, Chemistry, World Geography, and World History</p>	<p>The purpose of Environmental Systems and Societies SL course is that it provides students with a logical, comprehensible and personal perspective of man and his impact on the environment. Studying Environmental Systems and Societies presents both an interdisciplinary understanding and an international perspective on the global issues that affect us. The course emphasizes how people and different society choices affect the whole. This course embraces a wide variety of topics from different content areas of study and merges them together in a rather delectable “Understand and Save the Planet” stew to be consumed and digested in an intentional mindedness and multicultural classroom. The course culminates with a series of data-based questions, an essay based on topics studied during the year, and a case study.</p>
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GROUP 4: SCIENCES

<p>SSCBSI, SSCB11, SSCB2I IB Biology SL and HL</p> <p>Prerequisite: Biology (honors recommended) and Chemistry (honors recommended)</p>	<p>The purposes of the IB Biology HL and SL courses are to provide students with the tools necessary to understand and adapt to the selective trends of our modern, technological society at the global level. Students will become well-practiced in the areas of problem solving, the development of scientific skills, thinking tools, and the use of technology. In addition, students will learn effective ways of communicating and presenting scientific data and phenomena. Students will achieve these skills through the completion of either of the two IB Biology courses: Biology Higher Level (HL) or Biology Standard Level (SL). The HL course will explore all the SL topics with more depth and detail, and it will include additional topics as selected by the students and teacher.</p>
<p>SECSLI, SECH11, SECH2I IB Computer Science SL and HL</p> <p>Prerequisite: Computer Science (honors recommended)</p>	<p>In the second year of study, students continue the development of computer programming techniques using the Java language with emphasis on learning and applying good object-oriented programming techniques. The third-year course emphasizes the object-oriented programming methodology introduced in the SL course year with a concentration on problem solving, algorithm development, program design, and advanced data structures. Each student will develop a Program Dossier to demonstrate mastery of the basic computer science techniques including software design, coding, debugging, testing, documentation, and advanced data structures.</p>
<p>SSCPSI IB Physics SL</p> <p>Prerequisite: Biology (honors recommended) and Chemistry (honors recommended)</p>	<p>The IB Diploma Programme physics course exposes students to this most fundamental experimental science, which seeks to explain the universe itself - from the very smallest particle to the vast distances between galaxies. Students, moreover, study the impact of physics on society, the moral and ethical dilemmas, and the social, economic and environmental implications of the work of physicists. Further, students enjoy multiple opportunities for scientific study and creative inquiry within a global context.</p>
<p>SSCCSI IB Chemistry SL</p> <p>Prerequisite: Chemistry (honors recommended)</p>	<p>Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. It is known as the central science, because its principles underpin both the physical environment in which we live and all biological systems. The IB Diploma Programme Chemistry course includes the essential principles of the subject and offers some flexibility to accommodate the needs of students who wish to study it as their major subject in higher education and of those who do not. It allows students to develop practical skills and techniques, and to increase the facility in the use of mathematics, as the language of science. In addition, it provides opportunities for growth of interpersonal skills and digital technology skills, both important life-enhancing, transferable skills in their own right.</p>

GROUP 5: MATHEMATICS

<p>SMAAAI Mathematics: Analysis and Approaches</p> <p>Prerequisite: Algebra 2 (honors recommended)</p>	<p>The Mathematics: Analysis and Approaches course is for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments and develop strong skills in mathematical thinking. They will also be fascinated by exploring real and abstract applications of these ideas, with and without technology. Students who take Mathematics: Analysis and Approaches will be those who enjoy the thrill of mathematical problem solving and generalization. This course includes topics that are both traditionally part of a pre-university mathematics course (for example, functions, trigonometry, calculus) as well as topics that are amenable to investigation, conjecture and proof, for instance the study of sequences and series. The course allows the use of technology, as fluency in relevant mathematical software and hand-held technology is important.</p>
<p>SMAAII Mathematics: Applications and Interpretation</p> <p>Prerequisite: Pre- Calculus (honors recommended)</p>	<p>Mathematics: Applications and Interpretation is for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take Mathematics: Applications and Interpretation will be those who enjoy mathematics best when seen in a practical context. Students should be comfortable in the manipulation of algebraic expressions and enjoy the recognition of patterns and understand the mathematical generalization of these patterns.</p>

GROUP 6: ARTS

<p>SFDH11, SFDH21, SFDSL1 IB Dance HL and SL</p> <p>Prerequisite: Dance 1 and Dance 2 (recommended)</p>	<p>IB Dance will provide the opportunity to emphasize a healthy lifestyle and to experience the joy of creating and exploring movement. Our focus is to develop the physical, emotional, social, and intellectual aspects in one's life. Our aim and objectives are to encounter the art of dance through movement, knowledge, and a level of performance as well as to increase the self-confidence of a student. The course will offer intercultural awareness that will encourage students to consider multiple perspectives, develop knowledge and skills as they learn about their own and others' social, national, and international cultures. Skills are showcased in a final composition and analysis dance, a film performance piece, and an accompanying dance investigation essay.</p>
<p>SFMH11, SFMH21, SFMSL1 IB Music HL and SL</p> <p>Prerequisite: Membership in Band, Choir or Orchestra</p>	<p>The IB Music Class is designed to provide opportunities for students to compare and contrast a variety of music in the classroom while giving all students a music vocabulary to use in describing the characteristics of music from different cultures. Mechanics of music will be taught as the students study theory, composition and analysis. All this combined prepares the student for the IB Listening Paper. IB music students are expected to: be a member in band, choir or orchestra, complete the musical links investigation, complete the listening paper exam given in May of senior year, and put together a group performance recording.</p>
<p>SFTH11, SFTH21, SFTSL1 IB Theatre Arts HL and SL</p> <p>Prerequisite: Theatre 1, 2, or Technical Theatre in High School</p>	<p>IB Theatre is a two-year course that encourages discovery through experimentation, risk-taking and the presentation of ideas. Students are given the opportunity to actively engage in theatre as creators, designers, directors and performers. It emphasizes working both individually and collaboratively as part of an ensemble. Students learn to apply research and theory to inform and to contextualize their work. Through researching, creating, preparing, presenting and critically reflecting on theatre, they gain a richer understanding of themselves, their community and the world. Students learn about theatre from around the world, the importance of making theatre with integrity, and the impact that theatre can have on the world. It enables them to discover and engage with different forms of theatre across time, place and culture, promoting international-mindedness and an appreciation of the diversity of theatre.</p>

<p>SFAH1I, SFAH2I, SFASLI IB Visual Art HL and SL Prerequisite: Art I</p>	<p>The IB Visual Art HL and SL courses will allow students the opportunity to take an advanced level art course in their junior and/or senior year. It is understood that the student will have successfully completed Art 1, and an additional second level visual arts class. Although second through fourth level art classes are media specific classes (drawing painting, ceramics, sculpture), both Standard Level (one year) and Higher Level (requiring two years) IB Visual Art classes allow students to investigate as well as explore and document a variety of artistic solutions to visual challenges in various media. The aims of Visual Arts SL and HL are to enable the students to develop technical abilities, explore and value the diversity of the arts across time, place and cultures and demonstrate proficiency in variety of media while pursuing their area of artistic interest.</p>
<p>SFFH1I, SFFH2I, SFFSLI IB Film SL and HL Prerequisite: None</p>	<p>IB film students will watch cinematic masterpieces from around the world and develop the ability to understand film a complex art form, craft, and institution. They will be challenged to experience a broader and more diverse range of movies than they have previously encountered, and most importantly will be expected to watch and experience film actively and analytically. Students will learn to recognize and interpret the most important elements of film language and analyze the way filmmakers convey story and meaning. Film styles and movements are explored, and the central critical approaches to the study and appreciation of film as a genre. Final assessments will include textual analysis of films, essays pertaining to film theory and history of film, and an individual, creative film product</p>

IB CORE REQUIREMENTS

<p>SETHE1I, SETHEI2 Theory of Knowledge Prerequisite: Full IB Diploma Candidates</p>	<p>The Theory of Knowledge course is an interdisciplinary course designed to help students to develop the ability to think about what they know and how they know it while bringing to students an awareness of different perspectives on knowledge issues because of geography, culture, language, and philosophical/religious beliefs. Students will be encouraged to reflect on their own experiences as learners, foster a sense of curiosity with a desire to explore the diversity of ideas and cultures beyond their current experiences, and understand that other peoples' beliefs and ideas may be different.</p>
<p>SEREA1I, SEREA2I IB Research: Extended Essay and Creativity, Activity, and Service (CAS) Prerequisite: Full IB Diploma Candidates</p>	<p>These two requirements are combined into a semester course designed to give students a solid foundation in these core components that will be continued outside the school day during the duration of their DP program. CAS is a framework for experiential learning designed to involve students in new roles. The emphasis is on learning by doing real tasks that have real consequences and then reflecting on these experiences over time.</p> <p>The extended essay is a 4,000-word essay, usually the outcome of sixty hours of work, and must be submitted by every IB diploma candidate. This course will help students develop and refine research skills necessary to be successful for this endeavor. Students will develop quantifiable research questions in a chosen subject area. Each student will develop high level research and writing skills, intellectual discovery, and self-sufficient, academic investigations under the guidance of a supervisor. The IB Research class counts as a state elective credit.</p>

Career and Technical Education Course Descriptions



Career Development

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC001R SC002R	Career Preparation I and II	11-12	3

CAREER DEVELOPMENT COURSE DESCRIPTIONS

**SC001R/SC002R
Career Preparation I and II**

Grade Level – 11-12
Credits – 3
Prerequisite – None

Students may choose to earn THREE high school elective credits per year for attending one Career Preparation class and working 15 hours per week in a related career field. Students may receive teacher assistance in finding job openings, but students are responsible for securing employment on their own. Students may enter this program only at the beginning of each school year. Students must have an approved paid employment location by the end of the first week of the semester in order to earn credit.

Students are eligible for a work release from school in order to report to their employment location. Students will receive instruction concerning work ethics, attitude, employers' expectations, and goal setting. Students will be monitored at the employment location and receive on-the-job experience and training. Most of these students tend to graduate with work experience on their resume. Students must be 16 years old to be considered and their attendance and grades will be evaluated. Enrollment and employment location are approved by the instructor. Students must provide their own transportation to their work-based learning sites.

Agriculture, Food and Natural Resources

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC300R	Principles of Agriculture, Food, and Natural Resources	9-12	1
SC011R	Floral Design (Fine Arts)	10-12	1
SC015R	Advanced Floral Design	11-12	1
SC017R	Practicum in Agriculture – Floral Design	11-12	1
SC019R	Small Animal Management	10-12	.5
SC023R	Equine Science	10-12	.5
SC027R	Livestock Production	10-12	1
SC031R	Advanced Animal Science (Advanced) Science Credit	11-12	1
SC035R	Veterinary Medical Applications	11-12	1
SC047R	Practicum in Agriculture – Veterinary Medical Applications	11-12	1
SC039R	Agricultural Mechanics and Metal Technologies	10-12	1
SC043R	Agricultural Structures Design and Fabrication	11-12	1

AGRICULTURE, FOOD AND NATURAL RESOURCES COURSE DESCRIPTIONS

<p>SC003R Principles of Agriculture, Food, and Natural Resources Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Where would we be without Agriculture? Cold and hungry! This is a comprehensive course for freshmen and/or first year agriculture students that introduces them to the international scope of agriculture, food, and natural resources and its effect upon society. It includes topics related to career development, building leadership skills through communication practices, and developing technical knowledge and skills related to animal production.</p>
<p>SC011R Floral Design Grade Level – 10-12 Credits – 1 (Fine Arts) Prerequisite – None</p>	<p>Want to earn extra income making homecoming mums and floral arrangements? Floral Design is a lab based technical course designed to develop knowledge and skills associated with identifying and demonstrating the principles and techniques related to floral design as well as developing an understanding of the management of floral enterprises. Students are required to purchase supplies for personal projects. This course counts as a Fine Arts credit for graduation.</p>

<p>SC019R3 Small Animal Management Grade Level – 10-12 Credits – .5 Prerequisite – Principles of Agriculture, Food, and Natural Resources (recommended)</p>	<p>Small Animal Management is a course designed to prepare students for a career in the field of animal science as it relates to small animal care and production. Students will learn responsibility of small animal ownership, animal welfare, care, animal health and management, facilities management, and record keeping systems, as well as examine career opportunities.</p>
<p>SC023R3 Equine Science Grade Level – 10-12 Credits – .5 Prerequisite – Principles of Agriculture, Food, and Natural Resources (recommended)</p>	<p>Want to learn about horses? Equine Science prepares students for a career in the field of animal science as it relates to horse (equine) care and production. Students will learn the responsibilities of ownership, health, facilities management, and anatomy and physiology. They will develop a supervised agricultural experience program.</p>
<p>SC031R Advanced Animal Science Grade Level – 11-12 Credits – 1 (4th Science) Prerequisite – Chemistry; Geometry; Small Animal Management, Equine Science, or Livestock Production</p>	<p>Want to be a vet? Let us get you started. Advanced Animal Science is a lab based technical course that allows students to explore the various areas of livestock production through a hands-on approach to learning. At least 40% of the instructional time will be used to conduct field and laboratory investigations. Nutrition, genetics, breeding systems, anatomy and physiology, health, and selection are some of the areas that will be explored. This course counts as a 4th SCIENCE credit for graduation.</p>
<p>SC035R Veterinary Medical Applications Grade Level – 11-12 Credits – 1 Prerequisite – Equine Science, Small Animal Management, or Livestock Production</p>	<p>To be prepared for careers in the field of animal science, students need to acquire academic and technical skills and understandings related to animal systems and the workplace. Topics covered in this course include, but are not limited to, veterinary practices as they relate to both large and small animal species.</p>
<p>SC047R Practicum in Agriculture – Veterinary Medical Applications Grade Level – 11-12 Credits – 1 Prerequisite – Equine Science, Small Animal Management, or Livestock Production</p>	<p>Student enrolled in this course will attain and develop the knowledge and technical skills related to animal systems and the workplace, career opportunities, entry requirements and industry expectations. Topics covered in this course include but are not limited to veterinary practices as they relate to both large and small animal species. Students will be exposed to small animals and be in direct proximity of avian, fish, amphibians, dogs, cats and rabbits. They will also work with large animals such as cattle, sheep, horses, goats, and pigs.</p>
<p>SC027R Livestock Production Grade Level – 10-12 Credits – 1 Prerequisite – Principles of Agriculture, Food, and Natural Resources (recommended)</p>	<p>Want to learn where your food comes from? Want to raise your own animal? We will show you how. Livestock Production is a course designed to prepare students for a career in the field of animal science. Students will learn employability characteristics, technical skills dealing with livestock and business operating plans. Within these areas, they will learn anatomy and physiology, feeding, breeding, and facility design and management.</p>

<p>SC039R Agricultural Mechanics and Metal Technologies Grade Level – 10-12 Credits – 1 Prerequisite – Principles of Agriculture, Food, and Natural Resources (recommended)</p>	<p>To be prepared for careers in agricultural power, structural, and technical systems, students need to attain technical knowledge and skills related to these areas and the industry. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. Students are expected to complete a NCCER Certification exam.</p>
<p>SC043R Agricultural Structures Design and Fabrication Grade Level – 11-12 Credits – 1 Prerequisite – Agricultural Mechanics and Metal Technologies</p>	<p>Do you own horses but have no place to keep them when it rains? Do you have a cool car but have nowhere to park it at night? Maybe you just want to save money on repairs to your house. This course will provide students with the knowledge and skills necessary to consider a career in constructing agricultural and building systems. Instruction will focus on the specific components of building systems and on developing leadership and career skills.</p>
<p>SC017R Practicum in Agricultural – Floral Design Grade Level – 11-12 Credits – 1 Prerequisite – Agricultural Mechanics and Metal Technologies</p>	<p>Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills in Floral Design. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories.</p>

Architecture and Construction

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC100R	Architecture Design I	10-12	1
SC104R	Architecture Design II (Advanced)	11-12	2
SC108R	Practicum in Architectural Design (Advanced)	12	2
SC116R	Interior Design I	10-12	1
SC120R	Interior Design II	11-12	2
SC124R	Principles of Construction - RHS Only	9-12	1
SC136D SC140D SC144D	HVAC Dual Credit Program	11-12	4

ARCHITECTURE AND CONSTRUCTION COURSE DESCRIPTIONS

<p>SC100R Architectural Design I Grade Level – 10-12 Credits – 1 Prerequisite – Algebra I and English I</p>	<p>Principles of Construction provides a solid foundation for students entering into the construction and craft skilled areas. The students will learn construction safety, construction math, hand and power tools and explore career paths in construction.</p>
<p>SC104R Architectural Design II Grade Level – 11-12 Credits – 2 Prerequisite – Architecture Design I</p>	<p>Are you concerned about energy use and the environment? Architectural Design II begins to prepare the student for a career in the architectural field. The learner will use advanced AutoCAD principles to draw and design several residential structures of different historical influences. Environmental green materials and applications will be studied and applied to these designs as a continuation of 21st century technology. The student will learn safety procedures of all equipment used to build architectural models for TSA competitions. Location: ATC</p>
<p>SC108R Practicum in Architectural Design Grade Level – 12 Credits – 2 Prerequisite – Architecture Design II</p>	<p>What's the problem with house designs today? Practicum students will have advanced projects that transcend a traditional classroom. Students will work on design problems modeled to meet university standards. Advanced environmental green materials and applications will be studied and applied to these designs as a continuation of 21st century technology. Location: ATC</p>

SC136D/SC140D/SC144D
HVAC Dual Credit Program

Grade Level – 11-12
Credits – 4
Prerequisite – None

In this two-year dual credit program, students will gain knowledge and skills needed to enter the industry as a HVAC Technician. Students will acquire knowledge and skills in safety, electrical theory, HVAC tools, building codes, installation of commercial HVAC equipment, heat pumps, building science, troubleshooting techniques, various duct systems, and maintenance practices. Students will have the opportunity to test for their HVAC Technician Level 1 and EPA 608 Certification.
Location: Denton High School

[NCTC – HART 1307 Refrigeration Principles; HART 1301 Basic Electricity for HVAC; HART 1256 EPA Recovery Certification; HART 1341 Residential Air Conditioning; RBPT 1300 Fundamentals of Residential Building Science]

SC116R
Interior Design I

Grade Level – 10-12
Credits – 1
Prerequisite – Algebra I and English I

Students will learn about design, color and texture theories for interior and exterior design. They will also design models for presentations. 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.

SC120R
Interior Design II

Grade Level – 11-12
Credits – 2
Prerequisite – Interior Design I and English II

Students will learn processes, principles, technologies, communication tools, equipment and materials related to interior design to meet industry standards. Interior Design II will be a double blocked class for two credits.

Arts, Audio/Video Technology and Communications

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC200R	Professional Communications	9-12	.5
SC204R	Principles of Arts, Audio/Video Technology, and Communications	9-10	1
SC208R	Commercial Photography I & Lab (Advanced)	11-12	2
SC212R	Commercial Photography II Lab (Advanced)	12	2
SC216R	Audio/Video Production I & Lab (Advanced)	11-12	2
SC220R	Audio/Video Production II & Lab (Advanced)	12	2
SC224R	Graphic Design and Illustration I & Lab (Advanced)	11-12	2
SC224D	Graphic Design - Dual Credit	11-12	2
SC228R	Graphic Design and Illustration II & Lab (Advanced)	12	2
SC228D	Graphic Design II - Dual Credit	12	2
SC232R	Animation I & Lab (Advanced)	11-12	2
SC236R	Animation II & Lab (Advanced)	12	2

ARCHITECTURE AND CONSTRUCTION COURSE DESCRIPTIONS

<p>SC200R3 Professional Communications</p> <p>Grade Level – 9-12 Credits – .5 Prerequisite – None</p>	<p>Professional Communications blends written, oral and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technical applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. This course will satisfy the Speech requirement for graduation. Location: ATC</p>
<p>SC204R Principles of Arts, Audio/Video Technology and Communications</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>This course is an introduction to Arts, Audio/Video Technology and communications cluster. Students are introduced to different technology careers including Digital Imaging and Photography, Animation, Graphic Design, Audio Engineering, Video Production and Fashion Design. Through team and individual projects based on these careers, students improve their communication, interpersonal, and presentation skills.</p>

<p>SC208R Commercial Photography I and Lab Grade Level – 11-12 Credits – 2 Prerequisite – Principles of Arts, Audio/Video Technology and Comm (recommended)</p>	<p>Do you love to take pictures but want to take it to the next level? Commercial Photography covers everything from setting up a shot to delivering the finished product in a competitive market. Students will develop knowledge of different types of cameras and lenses and their applications to photography. They will analyze customer needs, preferences, apply the principles of art to photographs, and develop photographs using a variety of production processes. Students are expected to complete the Adobe certification exam. Location: ATC</p>
<p>SC212R Commercial Photography II and Lab Grade Level – 12 Credits – 2 Prerequisite – Commercial Photography I</p>	<p>Commercial Photography II develops advanced skills and knowledge in commercial photography projects. Students' knowledge will increase in creating photographs for defined purposes, applying elements and principles of design to projects, choosing appropriate camera equipment for projects, and selecting appropriate production processes for the finished product. Location: ATC</p>
<p>SC216R Audio/Video Production I and Lab Grade Level – 11-12 Credits – 2 Prerequisite – Principles of Arts, Audio/Video Technology and Comm (recommended)</p>	<p>Audio/Video Production is a course designed to provide training for entry level employment in the Radio, Television and Film industries. The students will learn the pre-production, production and postproduction phases as well as nonlinear editing using Apple's Final Cut Pro Studio software. Assignments include events at the C.H. Collins Athletic Complex and taping of district and community activities and projects. Students will also prepare and create a project to be shown at the annual Feature Fest at the end of the year. Location: ATC</p>
<p>SC220R Audio/Video Production II and Lab Grade Level – 12 Credits – 2 Prerequisite – Audio/Video Production I and Lab</p>	<p>Audio/Video Production II is a course designed for students to continue learning all three phases of the production process as well as nonlinear editing using Apple's Final Cut Pro Studio software. This course is project-based, where students create, storyboard, video tape, and edit their advanced projects such as their annual Feature Fest short film. Outside assignments include attending events at the C.H. Collins Athletic Complex and taping of district and community activities and projects. Location: ATC</p>
<p>SC232R Animation I and Lab Grade Level – 11-12 Credits – 2 Prerequisite – Principles of Arts, Audio/Video Technology and Comm (recommended)</p>	<p>The student will use Adobe Flash to create animations and games, then place their work onto a website. They will also create animations for mobile devices, industry control panels, company logos, advertising, and local current business applications. A portfolio will be the student's final product. Students are expected to complete the Flash certification exam. Location: ATC</p>
<p>SC236R Animation II and Lab Grade Level – 11-12 Credits – 2 Prerequisite – Animation I, advanced level math</p>	<p>The student will use NewTek 3D Lightwave v. 9.6 software on multi-processor computers to model, light, surface texture, animate, camera shoot and render characters and projects as directed by the instructor. This course requires advanced level math. Upon completion of this program the student will have created and animated 3D models embedded into scenes. Location: ATC</p>

SC224R/SC224D
**Graphic Design and
Illustration I & Lab**

Grade Level – 11-12

Credits – 2

Prerequisite – Principles of
Arts, Audio/Video Technology
and Comm (recommended)

A course for creative and artistic students, this course will appeal to students who enjoy designing and creating projects that communicate visually. Graphic Design and Illustration is a creative study of the art of visual communications and advertising through creativity, illustration, design, analysis, approach and technical skills. Students will improve communication skills by learning to communicate visually, describe and defend their work, interview clients, present completed layouts and develop electronic and print portfolios. Students will have an opportunity to test for certification. Students may take the course for high school credit only which would require no tuition payment. This course may be offered in partnership with North Texas Central College. NCTC registration must be completed and tuition requirements met in order to earn the NCTC dual credit. **Location: ATC**

SC228R
**Graphic Design and
Illustration II & Lab**

Grade Level – 11-12

Credits – 2

Prerequisite – Graphic Design
I and Lab

Graphic Design and Illustration II will be a more in-depth study of illustration and visual communication with demonstrated ability to create, illustrate and communicate complicated ideas or designs with regard to technique and layout skills. Advanced students will be involved in projects for real world situations or clients. Additionally, students will have an opportunity for certification in Adobe Photoshop CS4. Students will further perfect a well-developed portfolio, both in electronic format and print. **Location: ATC**

Business Management and Administration, Marketing and Finance

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC300R	Touch System Data Entry (Keyboarding)	7-12	1/2
SC304R	Principles of Business, Marketing and Finance	9-12	1
SC308R	Business Information Management I	9-12	1
SC312R	Business Information Management II (Advanced)	10-12	1
SC320R	Human Resources Management	11-12	.5
SC324R	Global Business	11-12	.5
SC328R	Business Management (Advanced)	10-12	1
SC356R	Practicum in Business Management	11-12	2
SC344R	Accounting I	10-12	1
SC348R	Accounting II (Advanced)	11-12	1
SC352R	Securities and Investments	10-12	1
SC332R	Advertising	10-12	.5
SC336R	Sports and Entertainment Marketing	10-12	.5
SC340R	Entrepreneurship	10-12	1

BUSINESS MANAGEMENT AND ADMINISTRATION, MARKETING AND FINANCE COURSE DESCRIPTIONS

<p>SC308R Business Information Management I Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Do you want technology skills to make you competitive in the workforce? Students will learn the Microsoft Office Suite (Word, Excel, PowerPoint, and Access) and its application to high school, college, and the workplace. Students apply technical skills to create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software. Students in this course will be required to complete the Microsoft Word and PowerPoint certification exam.</p>
<p>SC312R Business Information Management II Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Sharpen your competitive technology skills in a more advanced setting! Students will apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, manage and create enhanced data reports and create an electronic presentation using appropriate multimedia software. Students in this course will be required to complete the Microsoft Expert Word Certification exam.</p>

<p>SC304R Principles of Business, Marketing and Finance</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Will you make a good business owner or team member in the corporate world? In Principles of Business, Marketing, and Finance, students gain knowledge and skills regarding economies and the private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.</p>
<p>SC320R Human Resources Management</p> <p>Grade Level – 11-12 Credits – .5 Prerequisite – None</p>	<p>Whom do you hire? Why would you fire an employee? Students will prepare for a rapidly evolving business environment. Students will understand the functions of human resources management including hiring, training, and compensation. Students will have a broad base of knowledge that will allow them to be successful in business.</p>
<p>SC320R3 Global Business</p> <p>Grade Level – 11-12 Credits – .5 Prerequisite – None</p>	<p>Students put their skills to work strengthening individual performance in the workplace. This course also assists students in making a successful transition after high school. They apply technical skills to address global business applications of emerging technologies. Students develop a foundation in the economic, finance, technology, international relations and ethics of a business to become informed consumers, employees, and entrepreneurs.</p>
<p>SC328R Business Management</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – None</p>	<p>Do you enjoy being a leader or being in charge? Students will learn to effectively plan, organize, direct, and evaluate business functions essential to efficient and productive business organizations. This class will help develop technical and interpersonal skills related to management, finance, operations, customer service management, and ethics.</p>
<p>SC300R3 Touch System Data Entry (Keyboarding)</p> <p>Grade Level – 9-12 Credits – .5 Prerequisite – None</p>	<p>Students will increase their speed and accuracy while learning to keyboard by touch. Students will learn the alphabetic, numeric, and symbol keys, as well as the ten-key pad. Students will learn to format business documents such as letters, reports, outlines, and reports.</p>
<p>SC344R Accounting I</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – None</p>	<p>Do you like working with numbers? Students will explore the field of accounting, as well as the economic, financial, technological, international, social, legal, and ethical issues related to the maintenance of financial records. Students will record, classify, summarize and analyze accounting information in order to communicate it effectively to others. Students will learn to formulate and interpret financial information used in management decision making. Students will learn these processes both on paper and electronically.</p>
<p>SC348R Accounting II</p> <p>Grade Level – 11-12 Credits – 1 (Math Credit) Prerequisite – None</p>	<p>Students continue to explore the field of accounting. Studies will include industry standards and the impact of economic, financial, technological, social, legal and ethical issues in the field. Students will integrate and interpret managerial and cost accounting information as it would relate to managerial decision making. Electronic methods to convey financial information will be employed. This course counts as a Math credit for graduation. Students in this course will be required to complete the QuickBooks certification exam.</p>

<p>SC352R Securities and Investments Grade Level – 10-12 Credits – 1 Prerequisite – None</p>	<p>As close to Wall Street as you can get in Denton! This class focuses on the investment and security side of finance. Students will learn about monetary regulations, investing, how to run a financially secure business, managing portfolios, providing investment advice and how to develop a career in the securities industry. Students will develop a portfolio that includes work completed in class such as stock portfolios, PowerPoint presentations and job resumes.</p>
<p>SC340R Entrepreneurship Grade Level – 10-12 Credits – 1 Prerequisite – None</p>	<p>This course will provide students with the knowledge and skills needed to become an entrepreneur. They will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students understand the capital required, the return on investment desired and the potential for profit.</p>
<p>SC332R3 Advertising Grade Level – 10-12 Credits – .5 Prerequisite – None</p>	<p>Advertising course is designed as a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast and digital media. This course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge.</p>
<p>SC336R3 Sports and Entertainment Marketing Grade Level – 10-12 Credits – .5 Prerequisite – None</p>	<p>This course will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and sporting events and entertainment. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals and implementation of sports and entertainment marketing plans. This course will also provide students an opportunity to develop promotional plans, sponsorship proposals, endorsement contracts, sports and entertainment marketing plans, and evaluation of management techniques.</p>

Education and Training

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC750R	Principles of Education and Training	9-12	1
SC754R	Human Growth and Development	10-12	1
SC758R	Instructional Practices (Advanced)	11-12	2
SC762R	Practicum in Education and Training (Advanced)	12	2

EDUCATION AND TRAINING COURSE DESCRIPTIONS

<p>SC750R Principles of Education and Training</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Do you like to work with children? Principles of Education and Training is designed to introduce learners to the various careers available within the education and training career cluster. Students use self-knowledge and educational and career information to analyze various careers.</p> <p>Location: ATC</p>
<p>SC754R Human Growth and Development</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Human Growth and Development provides an overview of human development across the lifespan with emphasis on the developmental areas- physical, emotional and social development. Evaluation of society, culture, legislation, theory, guidance techniques, and responsibilities are a part of the various age groups. Location: ATC</p>
<p>SC758R Instructional Practices</p> <p>Grade Level – 11-12 Credits – 2 Prerequisite – None</p>	<p>Do you want to be a teacher? Students in this course work under the supervision of the elementary/middle school teacher as well as the course instructor. Students learn to plan, develop and prepare instructional materials, teach activities for the classroom and complete responsibilities of teachers in general. Location: ATC</p>
<p>SC762R Practicum in Education and Training</p> <p>Grade Level – 12 Credits – 2 Prerequisite – Instructional Practices</p>	<p>This course provides an opportunity to build on skills with a teacher in one of Denton ISD’s Pre-K, Kinder, Elementary or Middle School classes. Students plan and present lessons, supervise individualized instruction and group activities, prepare instructional materials, assist with record keeping, manage the classroom, and other teacher responsibilities as assigned by the instructor. The TWU Teacher Education Program recognizes that DISD Education and Training students who provide evidence of successful completion of the Instructional Practices course with a “B” or better OR a combined average of “C” or better in both the Instructional Practice and Practicum in Edu and Training courses have met competencies required of the introductory course in the education minor – EDUC 2003: Schools and Society. The TWU Teacher Ed Program will waive this course from the degree plan upon the student’s admission. This non-transferable course waiver may provide both time and cost savings. Location: ATC</p>

Health Science

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC900R	Principles of Health Science	10-12	1
SC904R	Health Science Theory & Clinical	11-12	2
SC908R	Health Science Lab	12	2
SC912R	Practicum of Health Science – Medical Assisting (CCMA) (Advanced)	12	2
SC916R	Practicum in Health Science – Certified Nursing Assistant (C.N.A.) (Advanced)	12	2
SC920D	Practicum in Health Science – Emergency Medical Technician (EMT) (Dual Credit)	12	2
SC924R	Practicum in Health Science – Pharmacology	12	2

HEALTH SCIENCE COURSE DESCRIPTIONS

<p>SC900R Principles of Health Science</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>This course gives an overview of the medical terminology, therapeutic, diagnostic, environmental and informational systems of the health care industry. The focus is on career exploration, leadership development, ethical and legal issues and the history, economics and trends in financing health care. Students will develop a concept of health and wellness from the perspective of a consumer as well as a potential professional in the health care industry. This course is a required prerequisite for Health Science.</p>
<p>SC904R/SC908R Health Science Theory and Clinical</p> <p>Grade Level – 11-12 Credits – 2 Prerequisite – Principles of Health Science and Biology (Application/Approval Required)</p>	<p>This course is designed to provide for the development of multi-occupational knowledge and skills related to a wide variety of health care careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methods such as laboratory, simulations, clinical rotation, or cooperative education. Students may be placed in clinical rotation internships at the hospitals; this placement is a privilege, not a guarantee. This course is a required prerequisite for Practicum in Health Science courses. Location: ATC</p>
<p>SC912R Practicum in Health Science: Medical Assisting (CCMA)</p> <p>Grade Level – 12 Credits – 2 Prerequisite – Principles of Health Science, Health Science Theory and Clinical/Biology</p>	<p>This course prepares students to take the Certified Clinical Medical Assistant exam. Testing for this exam is required and will equip students with an employable certification in medical facilities. Instruction in this course includes study in clinical and administrative areas such as human anatomy, medical terminology, pharmacology, first aid, lab techniques, how to administer medicine, coding and insurance processing, record-keeping and accounting, and medical law and ethics. Students must provide their own transportation for site visits throughout the year. Location: ATC</p>

<p>SC916R Practicum in Health Science: Certified Nursing Assistant (CNA) Grade Level – 12 Credits – 2 Prerequisite – Principles of Health Science, Health Science Theory and Clinical/Biology</p>	<p>This course is designed to provide instruction toward a certification with the State of Texas for Certified Nursing Assistant. CNAs provide basic bedside care under the care of a Physician, Registered Nurse and Licensed Vocational Nurse. Students will be able to work in a medical facility after passing state certification. Class requirements include 76 hours of classroom instruction along with 30 to 40 hours of clinical instruction at the nursing facility. Students are expected to complete the CNA certification exam. Location: ATC</p>
<p>SC924R Practicum in Health Science: Pharmacology Grade Level – 12 Credits – 2 Prerequisite – Principles of Health Science, Health Science Theory and Clinical/Biology</p>	<p>The Pharmacology Program provides students with the skills and knowledge to prepare them for the national Pharmacy Technician Certification Board exam and enable students to qualify for entry-level positions in retail and hospital pharmacies. The course content will emphasize medical math skills for pharmacy and nursing, drug classifications, drug actions, drug administration, ethical and legal issues, safety, and pharmacodynamics/pharmacokinetics of prescription and nonprescription medications. Students will explore career options. Students are expected to complete the Pharmacology Certification Exam. Location: ATC</p>
<p>SC920R Practicum in Health Science: Emergency Medical Technician (Dual Credit Program) Grade Level – 12 Credits – 2 Prerequisite – Principles of Health Science, Health Science Theory and Clinical/Biology</p>	<p>This course introduces the normal structure and function of the body, including an understanding of body systems in maintaining homeostasis with principles of microbiology also included. The course uses a method of instruction providing detailed education, training and work-based experience, and direct patient/client care, generally at a clinical site. Instruction includes all the skills necessary to provide emergency medical care at a basic life support level with an ambulance service or other specialized services. The Emergency Medical Technician (EMT) courses provides instruction to prepare students for EMT certification. This course is a dual credit program offered with NCTC. The courses students will register for are VNSG 1420, EMSP 1160 and 1501. The EMT curriculum is based on the National EMS Educational Standards. Location: ATC</p>
<p>SC932R Practicum in Health Science: EKG and Phlebotomy Grade Level – 12 Credits – 2 Prerequisite – Principles of Health Science, Health Science Theory and Clinical/Biology</p>	<p>This course covers the fundamentals of cardiovascular anatomy and physiology. Students will learn basic electrocardiography procedures, interpretation of basic dysrhythmias, and appropriate treatment modalities. The course instruction trains students to draw blood from patients, testing of blood glucose levels, preparation of blood, urine and other specimens for testing and maintain medical equipment such as needles, test tubes and blood vials. Students will be expected to complete both the EKG and Phlebotomy certification exams upon completion of the course. Location: ATC</p>

Hospitality and Tourism

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC400R	Introduction to Culinary Arts	10-12	1
SC404R	Partner to Intro to Culinary Arts	10-12	1
SC408R	Culinary Arts (Advanced)	11-12	2
SC412R	Advanced Culinary Arts (Advanced)	12	2
SC416R	Food Science (Advanced)	11-12	1
SC420R	Practicum in Culinary Arts/Extended	11-12	3
SC424R	Hospitality Services (Advanced)	11-12	2
SC428R	Practicum in Hospitality Services (Advanced)	12	2

HOSPITALITY AND TOURISM COURSE DESCRIPTIONS

<p>SC400R Introduction to Culinary Arts</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – None</p>	<p>Introduction to Culinary Arts will provide a foundation in basic food production, nutrition and sanitation, and management and services. As part of the instruction, reinforcement of basic skills is provided to assist students in practicing communication skills, utilizing listening skills to follow directions, practicing basic math skills as applied in a culinary arts setting. Students will gain insight into a career in the hospitality and tourism field.</p>
<p>SC408R Culinary Arts</p> <p>Grade Level – 11-12 Credits – 2 Prerequisite – Intro to Culinary Arts (recommended)</p>	<p>This is an introductory course into the professional world of food production. The student will have the opportunity to explore many facets of the food service industry. Students will complete the Serv-Safe curriculum and have the opportunity to take the certification exam. The student will learn basic food preparation skills. There will be practical experiences to accompany the course work through the various catering opportunities that are offered to the students. Location: ATC</p>
<p>SC412R Advanced Culinary Arts</p> <p>Grade Level – 12 Credits – 2 Prerequisite – None</p>	<p>The student will expand upon the basic skills that they developed in Culinary Arts, through more in depth baking as well as exploring international cuisines. They will take on the role of leadership during the catered events, thus developing their managerial skills. Location: ATC</p>
<p>SC424R, SC428R Hospitality Services and Practicum of Hospitality Services</p> <p>Grade Level – 11-12 Credits – 2 Prerequisite – None</p>	<p>Students will develop the skills needed to excel in careers including: hotel and restaurant manager, cruise ship director, chef, amusement park manager, travel agent, and many more. Curriculum will be delivered through classroom instruction and/or internships in community hotels. Example of skills covered include; communications and guest services, hotel ownership types, career exploration, security, ethics, forecasting, housekeeping, food service, and travel and tourism. Location: ATC</p>

<p>SC416R Food Science Grade Level – 11-12 Credits – 1 (4th Science Credit) Prerequisite – Chemistry, Biology, and 3rd Science</p>	<p>In Food Science students conduct laboratory and field investigations using scientific methods and investigations. Students make informed decisions using critical thinking and scientific problem solving with foods as the experimental focus. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. The student, for at least 40% of instructional time, conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. This course counts as a 4th Science credit for graduation.</p>
<p>SC420R Practicum in Culinary Arts Grade Level – 12 Credits – 3 Prerequisite – Intro to Culinary Arts (recommended)</p>	<p>Restaurant Management introduces students to the basic management techniques and administrative practices and procedures of the restaurant and food service industry. This course focuses on the following areas of study: food preparation, food purchasing, food and beverage cost control, sanitation and safety, customer service, human resource management, beverage management, hospitality marketing and dining room management services. Location: ATC</p>

Human Services

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC700R	Principles of Human Services	9-12	1
SC704R	Child Development	10-12	1
SC708R	Child Guidance - Internship RHS	11-12	2
SC712R	Practicum in Human Service - Child Guidance Internship	12	2
SC716R	Interpersonal Studies	9-12	1/2
SC720R	Dollars and Sense	10-12	1/2
SC724R	Counseling and Mental Health	11-12	1
SC728R	Principles of Cosmetology Design and Color Theory	10-12	1
SC732R	Introduction to Cosmetology	10-12	1
SC736R	Cosmetology I	11-12	2
SC740R	Practicum in Human Services - Cosmetology I (Advanced)	11-12	2
SC744R	Cosmetology II	12	2
SC748R	Practicum in Human Services - Cosmetology II (Advanced)	12	2

HUMAN SERVICES COURSE DESCRIPTIONS

<p>SC700R Principles of Human Services Grade Level – 7-12 Credits – 1 Prerequisite – None</p>	<p>This hands-on course will allow the student to sample and gain knowledge about careers in the human services career cluster, including counseling and mental health, early childhood, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high demand human service careers. Students are encouraged to participate in the student organization: Family, Career, Community Leaders of America (FCCLA).</p>
<p>SC704R Child Development Grade Level – 10-12 Credits – 1 Prerequisite – None</p>	<p>This class concentrates on the development, care, guidance and protection of children. Students will look at the growth and development of infants, toddlers, and school age children. Students will use the skills obtained in this class to promote the well-being and healthy development of children and investigate careers related to the care and education of children.</p>
<p>SC716R3 Interpersonal Studies Grade Level – 10-12 Credits – 1 /2 Prerequisite – None</p>	<p>In Interpersonal Studies, students will develop valuable skills that will help them prepare for life as a young adult. This program has a central focus on developing a lifelong positive impact in their community. The goal is to provide opportunities for personal development through a variety of activities including decision making and problem solving.</p>

<p>SC720R3 Dollars and Sense Grade Level – 10-12 Credits – 1 /2 Prerequisite – None</p>	<p>Dollars and Sense focuses on consumer practices and responsibilities, the money management process, decision-making skills, impact of technology, and preparation for managing one’s own financial affairs.</p>
<p>SC708R Child Guidance – Internship Grade Level – 11-12 Credits – 2 Prerequisite – Child Development</p>	<p>Child Guidance focuses on knowledge and skills related to child growth and guidance to help students develop positive relationships with children and learn effective caregiver skills. This technical laboratory course provides an opportunity for students to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of all children.</p>
<p>SC724R Counseling and Mental Health Grade Level – 11-12 Credits – 1 Prerequisite – None</p>	<p>Students begin the study of mental health disorders and examine treatment options. Students learn self-management skills such as their ethical/legal responsibilities, the limitations/implications of their actions and stress/coping mechanisms. Students model knowledge and skills necessary to pursue a counseling and mental health career through simulated environments.</p>
<p>SC736R3, SC740R3 Introduction to Cosmetology / Principles of Cosmetology Design / Color Theory Grade Level – 10 Credits – 2 Prerequisite – None (Application)</p>	<p>This course will provide a foundation of the academic, career and technical skills needed to be successful in the Cosmetology field. The students in this course will develop knowledge and skills regarding various cosmetology design elements, sanitation procedures, hair care, nail care, skin care and workplace skills. Students will begin to earn hours toward their state licensing requirements. Parent Meeting and application required. Location: ATC</p>
<p>SC736R3, SC740R3 Cosmetology I and Practicum in Human Services – Cosmetology Grade Level – 11 Credits – 2 Prerequisite – Introduction to Cosmetology/Principles of Cosmetology Design/Color Theory</p>	<p>Cosmetology includes the knowledge and application of the principles and practices of the treatment of the hair, skin, and nails in accordance with licensing requirements. Students will develop the skills required to be competitive in the field of cosmetology including cutting, coloring, texture services, waxing, and styling. In addition, students will also develop highly needed skills for success: group participation, leadership, appropriate work habits, safety and sanitation procedures, customer service, and communication with workers as well as clientele. Students are expected to earn 500 hours each year through the completion of TDLR hours. After school hours are mandatory for students to complete this hour expectation. Location: ATC</p>
<p>SC744R3, SC748R3 Cosmetology II and Practicum in Human Services – Cosmetology Grade Level – 12 Credits – 2 Prerequisite – Cosmetology I & Practicum</p>	<p>Cosmetology II continues the study begun in Cosmetology I. After the completion of all TDLR hours, students will have earned 1000 hours of laboratory work, they are eligible to take the licensure examination. Cosmetology is regulated by the State of Texas, and students must complete all graduation requirements and successfully pass a written and a practical exam in order to receive their Cosmetology License. This course requires extended attendance on designated evenings. Location: ATC</p>

Information Technology

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC642R	Computer Maintenance & Lab	11-12	1
SC646R	Computer Technician Practicum	12	2
SC650R	CISCO Internetworking Tech I (Advanced)	11-12	1
SC654R	CISCO Internetworking Tech II (Advanced)	11-12	1
SC658R	Practicum in Information Technology - Cisco III and IV	11-12	2

INFORMATION TECHNOLOGY COURSE DESCRIPTIONS

<p>SC642R Computer Maintenance and Lab</p> <p>Grade Level – 11-12 Credits – 2 Prerequisite – None</p>	<p>Computer Maintenance covers the fundamentals of computer hardware and software as well as advanced concepts. Students learn about the internal components of a computer, assemble a computer system, install an operating system and troubleshoot using system tools and diagnostic software. Topics also include laptop and portable devices, wireless connectivity, security, safety and environmental issues, and communication skills. Students will explore a variety of topics including installation procedures, security issues, back up procedures and remote access. Hands-on lab activities are an essential element. Students are expected to complete the A+ Certification Exam. Location: ATC</p>
<p>SC646R Computer Technician Practicum</p> <p>Grade Level – 11-12 Credits – 2 Prerequisite – Computer Maintenance</p>	<p>Students gain knowledge and skills in the area of computer technologies, including advanced knowledge of electrical and electronic theory, computer principles and components related to the installation, diagnosis, service, and repair of computer-based technology systems. Students will reinforce, apply and transfer their knowledge and skills to a variety of settings and problem-solving situations. Students also prepare computers for the Computers for Kids Program and provide professional repair service to the community. Location: ATC</p>
<p>SC650R3, SC654R3 Cisco Internetworking Technologies I and II</p> <p>Grade Level – 11-12 Credits – 2 Prerequisite – None</p>	<p>Cisco Internetworking, I / II curriculum explores networking-based application, -- concepts within the context of network environment that students may encounter in their daily lives – from small office and home office (SOHO) networking to larger scale networking models. The curriculum is the Cisco Networking online computer-based curriculum and hands-on lab assignments. Students are expected to take the Cisco Networking Certification. Location: ATC</p>
<p>SC658R Practicum in Information Technology: Cisco III and IV</p> <p>Grade Level – 11-12 Credits – 2 Prerequisite – Cisco Internetworking I and II</p>	<p>This course will extend the learning of Cisco Internetworking to level III and IV. The curriculum covers networking-based application, networking concepts within the context of network environment that students may encounter in their daily lives – from small office and home office (SOHO) networking to larger scale networking models. The curriculum is the Cisco Networking online computer-based curriculum and hands-on lab assignments. Students are expected to complete the certification exam upon completion of the course. Location: ATC</p>

Government, Law, Public Safety, Corrections, and Security

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC800R	Principles of Law, Public Safety, Corrections and Security	9-12	1
SC852R	Practicum in Law – Court Systems and Practices (Advanced)	11-12	1
SC804D	Firefighter I	11	2
SC808D	Firefighter II	12	2
SC812R	Law Enforcement I	11-12	1
SC816R	Law Enforcement II (Advanced)	11-12	1
SC828R	Forensic Science - Science (Advanced)	11-12	1
SC832R	Criminal Investigation	11-12	1
SC844R	Pre-Law Practicum	12	2
SC848R SC856R	Practicum in Law, Public Safety, Corrections and Security (Advanced)	12	2

GOVERNMENT, LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY COURSE DESCRIPTIONS

<p>SC800R Principles of Law, Public Safety, Corrections and Security</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None Location – ATC</p>	<p>The Principles of Law, Public Safety, Corrections and Security course introduces students to professions in law enforcement, security, corrections, fire and emergency management services, and the legal field. Students will examine roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services within local, county, state, federal, and private industry. The course provides students with an overview of the skills necessary for such careers.</p>
<p>SC852R Practicum in Law – Court Systems and Practices</p> <p>Grade Level – 11-12 Credits – 2 Prerequisite – None</p>	<p>Court Systems and Practices is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation. In addition to classroom learning, the student will hear lectures from individuals employed in the community in related fields. Students will participate in scenarios using skills from this course and academic courses to prepare various forms of grammatically correct communication, both oral and written. The class will participate in various mock trials, demonstrating mastery of knowledge and skills. This course is a required prerequisite for the Pre-Law Practicum. Location: ATC</p>

<p>SC844R Pre-Law Practicum Grade Level – 12 Credits – 2 Prerequisite – Court Systems and Practices</p>	<p>The Practicum will allow advanced students to intern within the court and legal service in Denton County. This internship is designed to give students supervised practical application of previously studied knowledge and skills. Students must meet strict guidelines that govern community placement. Placement is not a guarantee, but an earned opportunity. Internship location may be at Denton County District Attorney’s office or at a local private law firm. Location: ATC</p>
<p>SC812R3, SC816R3 Law Enforcement I and II Grade Level – 11-12 Credits – 2 Prerequisite – None</p>	<p>Law Enforcement I and II is an overview of the history, organization, and functions of local, state and federal law enforcement. Students will learn the basics of patrol functions and crime scene investigations. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. Location: ATC</p>
<p>SC848R, SC856R Practicum in Law, Public Safety, Corrections, and Security Grade Level – 12 Credits – 2 Prerequisite – Law Enforcement I and II</p>	<p>Practicum in Law, Public Safety, Corrections and Security course includes knowledge of and preparation for postsecondary education and training or employment in the law enforcement field in the areas of forensic science, communications, geographic information systems (GIS), law enforcement and investigations. The rules, regulations, laws, and techniques that assist the law enforcement professional are applied through the use of a variety of tools and equipment. Location: ATC</p>
<p>SC828R Forensic Science Grade Level – 11-12 Credits – 2 Prerequisite – None Location – ATC</p>	<p>Forensic Science is a course focusing on the drive to unlock the mystery of crimes through the application of science. It is designed to provide students with an introductory understanding of criminology. Knowledge and skills will be gained in hair/fiber analysis, blood type analysis, bloodstain patterns, DNA, and fingerprint comparison. The student, for at least 40% of instructional time, conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. This course counts as a 4th SCIENCE credit for graduation.</p>
<p>SC832R3 Criminal Investigation Grade Level – 11-12 Credits – 2 Prerequisite – Principles of Law, Public Safety, Corrections and Security (recommended)</p>	<p>Criminal Investigations course will focus on basic functions of criminal investigations and procedures. Students will learn terminology, and investigating processing, evidence collection, fingerprinting, and courtroom presentation. Students will collect and analyze evidence from a simulated crime scene. Location: ATC</p>
<p>SC804D Firefighter I - Dual Credit Grade Level – 11 Credits – 2 Prerequisite – Principles of Law, Public Safety, Corrections and Security (recommended)</p>	<p>This course is the first year of a 2-year commitment in the Denton ISD Fire Academy. This is a dual credit program in cooperation with the Denton Fire Department and NCTC. The Fire Academy is designed to give the student a well-rounded education for a professional career in the fire service and the training for Basic Firefighter Certification in accordance with the Texas Commission on Fire Protection (TCFP). Location: ATC</p>
<p>SC808D Firefighter II - Dual Credit Grade Level – 12 Credits – 2 Prerequisite – Firefighter I</p>	<p>This course is the second year of a 2-year commitment in the Denton ISD Fire Academy. This is a dual credit program in cooperation with the Denton Fire Department and NCTC. The Fire Academy is designed to give the student a well-rounded education for a professional career in the fire service and the training for Basic Firefighter Certification in accordance with the Texas Commission on Fire Protection (TCFP). Location: ATC</p>

Manufacturing

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC500R	Principles of Manufacturing	9-12	1
SC504R	Precision Metal Manufacturing I	11-12	2
SC508R	Precision Metal Manufacturing II (Advanced)	12	2
SC512R	Intro to Welding	10-12	1
SC516R	Welding I	11-12	2
SC520R	Welding II (Advanced)	11-12	2

MANUFACTURING SECURITY COURSE DESCRIPTIONS

<p>SWAS2R Principles of Manufacturing</p> <p>Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Do you ever wonder how things are made? Have you ever wondered what it would take to make something yourself? In Principles of Manufacturing, students learn skills in the design, production, and testing of products that can be made from raw materials. Students will also gain an understanding of career opportunities available in manufacturing and what employers require in order to gain and maintain jobs in these careers. Students learn basic safety standards and proper use of power and hand tools.</p>
<p>SC504R Precision Metal Manufacturing I</p> <p>Grade Level – 11-12 Credits – 2 Prerequisite – None</p>	<p>Ever wondered how precision metal products are manufactured for the aerospace, automotive, medical, and many other industries? Then this is the class for you! This course requires precision manufacturing tolerances within ten thousandths of an inch. In this course you will learn to work with the leading CAD/CAM (Computer Aided Design/Computer Aided Machining) software utilized by industry. Students will also learn about material machinability and how to select and use the precision instruments necessary to ensure machined parts meet specifications and are within tolerance. Location: ATC</p>
<p>SC508R Advanced Precision Metal Manufacturing II</p> <p>Grade Level – 12 Credits – 2 Prerequisite – Precision Metal Manufacturing I</p>	<p>Advanced Precision Metal Manufacturing builds on first year knowledge and skills. It will include exposure to a 4th axis in design and part production. Students will complete a job shadow rotation at local manufacturing company. Location: ATC</p>
<p>SC512R Intro to Welding</p> <p>Grade Level – 10-12 Credits – 1 Prerequisite – None</p>	<p>Students will be introduced to the three basic welding processes. Topics include industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. Students will develop knowledge and skills related to welding and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems</p>

SC516R
Welding I

Grade Level – 11-12
Credits – 2
Prerequisite – Intro to Welding

This course is an entry level technical welding course. It is designed for the beginner with little or no welding experience who is interested in pursuing a course of study that can lead to an American Welding Society (AWS) entry level certification. Course curriculum follows American Welding Society "SENSE" guidelines to prepare the serious student for entry level certification testing after completing Advanced Welding. Students may take the course for high school credit only which would require no tuition payment. **Location: ATC**

SC520R
Welding II

Grade Level – 12
Credits – 2
Prerequisite – Welding I

This advanced welding program will follow American Welding Society "SENSE" guidelines to prepare the serious student for entry level certification testing after completing Advanced Welding. Students will complete individual projects to demonstrate industry competencies. **Location: ATC**

Science, Technology, Engineering, and Math

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC600R	Introduction to Engineering Design (PLTW)	9-12	1
SC604R	Principles of Applied Engineering - Digital Electronics	10-12	1
SC618R	Engineering Science (Science) (Advanced)	11-12	1
SC622R	Robotics I (Advanced)	11-12	1
SC640R	Practicum in STEM	12	2

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH COURSE DESCRIPTIONS

<p>SC600R Introduction to Engineering Design (IED) Grade Level – 9-12 Credits – 1 Prerequisite – None</p>	<p>Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software and use an engineering notebook to document their work.</p>
<p>SC604R Principles of Applied Engineering: Digital Electronics (DE) Grade Level – 10-12 Credits – 1 Prerequisite – Introduction to Engineering Design (recommended)</p>	<p>From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices. Students will have the opportunity to test for college credit.</p>
<p>SC618R Engineering Science Grade Level – 11-12 Credits – 1 Prerequisite – Introduction to Engineering Design, Principles of Applied Engineering (DE)</p>	<p>Engineering Science is designed to help students understand the field of engineering and engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. Students will have the opportunity to test for university credit. The course counts as a 4th Science credit for graduation. Location: ATC</p>
<p>SC622R3 Robotics I Grade Level – 11-12 Credits – 1 Prerequisite – Introduction to Engineering Design, Principles of Applied Engineering (DE)</p>	<p>Robotics 1 course was designed to introduce the students to the fundamentals of problem solving, program design, algorithms and programming using a high-level language. This course introduces the fundamental concepts of programming and robotics. Programming and building robots apply science, technology, engineering and math (STEM) concepts. Students will have the opportunity to complete multiple challenges involving guided research, problem solving, working in teams, and design documentation. This course is taken with Engineering Science. Location: ATC</p>

SC640R

Practicum in STEM

Grade Level – 12

Credits – 2

Prerequisite – Introduction to
Engineering Design, Principles of
Applied Engineering (DE),
Engineering Science, and Robotics

Practicum in STEM is the capstone course in the high school engineering program. It is an engineering research course in which students decide on an engineering focus and work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. **Location: ATC**

Transportation, Distribution, and Logistics

Texas Essential Knowledge and Skills (TEKS) – [HERE](#)

Local Course ID	Course	Grade Level	Credits
SC524D	Aircraft Airframe Technology (Advanced)	11-12	2
SC528D	Aircraft Powerplant Technology (Advanced)	12	2
SC532R	Automotive Technology I: Maintenance and Light Repair (Advanced)	11-12	2
SC536R	Automotive Technology II: Automotive Service (Advanced)	12	2

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH COURSE DESCRIPTIONS

<p>SC532R Automotive Technology I: Maintenance and Light Repair Grade Level – 11-12 Credits – 2 Prerequisite – None</p>	<p>The Automotive Technology student will gain knowledge and skills in the repair, maintenance, and diagnosis of motor vehicles. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. Students will explore career and post-secondary opportunities as they relate to the automotive repair industry. Students are expected to complete the ASE Certification exam Maintenance and Light Repair. Location: ATC</p>
<p>SC536R Automotive Technology II: Automotive Service Grade Level – 12 Credits – 2 Prerequisite – None</p>	<p>The Automotive Technology II student will build on the knowledge and skills in the repair, maintenance, and diagnosis of motor vehicles acquired from Automotive Technology I. Students will explore career and post-secondary opportunities as they relate to the automotive repair industry. Students are expected to complete the ASE Certification Exam Automotive Services. Location: ATC</p>
<p>SC524R Aircraft Airframe Technology Grade Level – 12 Credits – 2 Prerequisite – None</p>	<p>In Aircraft Airframe Technology, students gain knowledge and skills in the general repair, maintenance, and diagnosis of aircraft systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. Students will be introduced to the aviation industry, air traffic control system, ground operations, as well as weather considerations, reporting, and prediction. Students will also learn the safety procedures, uses, and care of major shop equipment and tools. Students will explore career and post-secondary opportunities as they relate to the aviation repair industry. Location: Tarrant County College</p>