ARGYLE HIGH SCHOOL

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ACADEMIC PLANNER 2023-2024

https:www.argyleisd.com/

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Cover of Academic Planning Guide designed by Cassidy Owen

HB 5 – Argyle High School Graduation Requirements
Foundation High School Program (22 Credits) – Revised 2020

SUBJECT	COURSES	ADV. COURSE CHOICES
English (4 credits)	English I English II English III English IV	
Mathematics (3 credits)	Algebra I Geometry 1 Advanced Math (To earn an endorsement, AHS students must take and pass Algebra II as one of the required four math credits.)	Math Models Algebra II Pre-Calculus Advanced Quantitative Reasoning Independent Study in Math Statistics & Business Decision Making AP/Dual Calculus AB AP Calculus BC AP Computer Science AP Statistics
Science (3 credits)	Biology IPC or Chemistry or Physics 1 Advanced Science	Chemistry Physics Forensic Science Environmental Systems AP/Dual Biology AP/Dual Chemistry AP Physics (I, II and C) Anatomy and Physiology Food Science Aquatic Science
Social Studies (3 credits)	World Geography, Honors or AP Human Geography; World History or AP; US History or AP/Dual; Government .5 or AP/Dual; Economics .5 or AP/Dual	
Languages other than English (2 credits)	Spanish I and II French I and II ASL I and II	*Exceptions for students unable to complete two levels of the same foreign language
Physical Education (1 credit)	PE/Outdoor Education Athletics Cheerleading Drill Team Marching Band/Color Guard (Fall) Off-Campus PE	
Fine Arts (1 credit)	Art 1 Dance 1 Band Theater Choir Tech Theater	
Electives (5.0 credits)		

Endorsements

To earn an endorsement a student must complete the Foundation High School Program and earn 26 credits to include:
An additional math credit (Must include Algebra II)
An additional science credit
2 additional electives (added to the 5 electives required in the FHSP)
Endorsements: STEM, Business and Industry, Public Service, Arts and Humanities, Multidisciplinary

PERFORMANCE ACKNOWLEDGEMENTS
You may earn *Performance Acknowledgments* on your transcript in multiple areas.

Outstanding Performance in Dual Credit Courses by successfully completing 12 college hours (4 courses) of dual credit courses with a minimum grade of 3.0 out of 4.0 scale **OR** by earning an associate degree while in high school.

Outstanding Performance in Bilingualism and Biliteracy in two or more languages by completing all English Language Arts requirements and maintaining an 80% average **AND** one of the following:

- Earning 3 credits in the same language in a Language Other Than English (LOTE) with 80% average
- Demonstrating proficiency in TEKS Level 4 or higher LOTE with 80% average grade.
- Scoring a 3 on the AP LOTE exam or scoring an Intermediate-High or equivalent on a national LOTE assessment exam.
- Additional requirements for English language learners. See counselor.

Outstanding Performance in College Advanced Placement by scoring a 3 or above on an AP exam.

Outstanding Performance on the PSAT, ACT-Plan, SAT, or ACT by attaining scores of:

- Commended scholar or higher by the College Board on the PSAT/NMSQT
- College readiness benchmark scores on at least 2 of 4 on ACT PLAN
- Combined 1310 on reading/math of SAT
- Composite without writing of 28 on ACT

Earning a Nationally or Internationally Recognized business or industry certification or license or government-required credential. [The SBOE defined this as a credential that complies with knowledge and skills standards recognized and supported by a national or internationally known business, industry, profession or government.]

DISTINGUISHED LEVEL OF ACHIEVEMENT
To be considered for the top 10% a student must meet the Distinguished Level of Achievement. You may earn a *Distinguished Level of Achievement* by meeting the four requirements below. Your achievement will be noted on your diploma and transcript.

- Successfully completing the Foundation program
- Earning at least one Endorsement
- Completing four levels of Science
- Completing four levels of Math including Algebra II

ARGYLE HIGH SCHOOL ENDORSEMENT OPTIONS

To earn an endorsement a student must complete the FHSP and earn 26 credits to include: an additional math course (to include Algebra II), an additional science credit and two additional elective credits.

STEM			
Math - AHS			
Algebra I (1)	Geometry (1)	Algebra II (1)	2 Additional Math Credits
Additional Math Courses: Pre-Calculus, Advanced Quantitative Reasoning, Ind. Study in Math, AP/Dual Calculus AB or BC, College Algebra (.5) and College Stats (.5)			
Cybersecurity - AHS			
Computer Science I (1)	AP Computer Science A (2)	Independent Study in Tech Apps (1)	
Engineering - AHS			
Engineering Essentials (1)	Intro to Engineering Design (1)	Aerospace Engineering (1)	Engineering Design & Development (1)
Science - AHS			
Biology (1)	Chemistry (1)	Physics (1)	2 Additional Science Credits
Additional Science Courses: Anatomy and Physiology, Forensic Science, Food Science, Environmental Systems, AP/DC Biology, AP/DC Chemistry, AP Physics I/II			
BUSINESS AND INDUSTRY			
Business Management - AHS			
BUSIM (1)	Principles of Business Marketing and Finance (1)	BUSIM II (1)	Business Management (1) or Statistics/Business (1)
Accounting & Financial Services - AHS			
BUSIM (1)	Principles of Business, Marketing and Finance (1) OR Money Matters (1)	Accounting I (1)	Accounting II (1)
Marketing - AHS			
Principles of Business Marketing and Finance (1)	Marketing (1)	Sports & Entertainment Mktg (0.5) AND Virtual Business (0.5)	Statistics and Business Decision Making (1)
Digital Communications - AHS			
Principles of Art, A/V Tech & Communications (1)	Audio/Video Production I (1)	Audio/Video Production II (1)	Practicum of Audio/Video Production (2)
Culinary Arts - AHS			
Intro to Culinary Arts (1)	Culinary Arts (2)	Food Science (1)	
Endorsement for Business & Industry (Journalism) - AHS			
Journalism I or Debate I (1)	Advanced Journalism I Newspaper or Yearbook or Debate II (1)	Advanced Journalism II Newspaper or Yearbook or Debate III (1)	Advanced Journalism III Newspaper or Yearbook OR Independent Study in Debate (1)

PUBLIC SERVICES

Teaching & Training - AHS			
Principles of Education & Training (1)	Human Growth & Development (1)	Instructional Practices (1)	
Healthcare Therapeutic - AHS			
Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory (1)	Practicum of Health Science (2) or Anatomy and Physiology (1)
Law Enforcement - AHS			
Principles of Law, Public Safety, Corrections and Security (1)	Law Enforcement I (1)	Law Enforcement II (1)	Forensic Science (1)

ARTS AND HUMANITIES

Social Studies - AHS			
World Geography or AP Human Geography (1)	World History (1)	US History (1)	US Government (.5)/Economics (.5)
1 Additional Credit of Social Studies: Psychology (.5), Sociology (.5), Special Topics in Social Studies (.5 or 1), Microeconomics AP or Dual (.5)			
LOTE – Same Language – AHS			
French I (1) or Spanish I (1)	French II Honors (1) or Spanish II Honors (1)	French III Honors (1) or Spanish III Honors (1)	French IV AP (1) or Spanish IV AP (1)
LOTE – Different Languages - AHS			
French I (1)	French II (1) or French II Honors (1)	Spanish I (1)	Spanish II (1) or Spanish II Honors (1)
Art – AHS			
Art I –Art and Media Communication (1)	Art II Drawing (1) or Painting (1) or	Art III Drawing (1) or Painting (1) or	Art IV Drawing (1) or Painting (1) or AP Studio Art: Drawing Portfolio (1) or AP Studio Art: 2-D Design Portfolio (1)
Band – AHS			
Band I (1.5)	Band II (1.5)	Band III (1)	Band IV (1)
Theater - AHS			
Theater I (1) or Tech Theater I (1)	Theater II (1) or Tech Theater II (1)	Theater III (1) or Tech Theater III (1)	Theater IV (1) or Tech Theater IV (1)
Choir - AHS			
Choir I	Choir II	Choir III	Choir IV
English Electives - AHS			
English I (1) or English I Honors (1)	English II (1) or English II Honors (1) and English Elective Credit (1)	English III (1) or English III Honors (1) and English Elective Credit (1)	2 Additional English Elective Credits
Additional English Electives: English IV (1), AP/Dual English Literature and Composition (1), Independent Study in English (.5 or 1), Creative Writing (1)			

MULTIDISCIPLINARY
Four Cores - AHS
Four credits in each of the four foundation subject areas to include English IV and Chemistry and/or Physics
AP/Dual Credit - AHS
Four advanced placement or dual credit courses selected from English, Math, Science, Social Studies, Economics, Foreign Language, or Fine Arts

LAGRONE ADVANCED TECHNOLOGY COMPLEX ENDORSEMENT OPTIONS FOR AHS STUDENTS

With the exception of Automotive Technology, students will attend AHS for the first two years and then take courses at Lagrone for 3 periods a day during the junior and senior years. (Auto Tech students attend Lagrone grades 10-12)

BUSINESS AND INDUSTRY			
Architecture and Construction			
Architectural Design - Lagrone			
	Architectural Design (1)	Architectural Design II (2)	Practicum in Architectural Design (2)
Arts, A/V Technology and Communication			
Animation - Lagrone			
BUSIM (1)	Principles of Arts, A/V Tech & Communications (1)	Animation I (2)	Animation II (2)
Graphic Design - Lagrone			
BUSIM (1)	Principles of Arts, A/V Tech & Communications (1)	Graphic Design and Illustration I (2)	Graphic Design and Illustration II (2)
Commercial Photography - Lagrone			
BUSIM (1)	Principles of Arts, A/V Tech & Communications (1)	Commercial Photography I (2)	Commercial Photography II (2)
Hospitality and Tourism			
Lodging and Resort Management - Lagrone			
	BUSIM (1)	Hospitality Services (2)	Practicum in Hospitality Services (2)
Information Technology			
Information Technology Support & Services - Lagrone			
	BUSIM (1)	Computer Maintenance (2)	Computer Technician (2)

Networking Systems (CISCO) - Lagrone			
	Computer Science (1)	Cisco Internetworking Technologies I (1) and Cisco Interworking Technologies II (1)	Practicum in Information Technology - Cisco III & IV (2)
Manufacturing			
Welding - Lagrone			
	BUSIM (1)	Welding I (2)	Welding II (2)
Transportation, Distribution and Logistics			
Automotive Technology - Lagrone			
	Principles of Transportation Systems (1) and Automotive Basics (1)	Automotive Technology I (2)	Automotive Technology II (2)
Aviation Maintenance - Lagrone			
	BUSIM (1)	Intro to Aircraft Technology (2)	Aircraft Airframe Technology (2)
PUBLIC SERVICES			
Education and Training			
Education – Lagrone			
		Instructional Practices in Education and Training (2)	Practicum in Education and Training (2)
Human Services			
Cosmetology – Lagrone			
	Principles of Cosmetology (1) /Intro to Cosmetology (1)	Cosmetology I (2)	Cosmetology II (2)
Law, Public Safety, Corrections and Security			
Legal Studies - Lagrone			
	Principles of Law, Public Safety, Corrections & Security (1)	Courts Systems and Practices (2)	Pre-Law Practicum (2)
Emergency Services (Firefighter) - Lagrone			
	Principles of Health Science (1)	Fire Fighter I (2)	Fire Fighter II (2)

Non-Discrimination Policy

The Argyle Independent School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in any of its career and technical education programs, services, or activities and provides equal access to the Boy Scouts and other designated youth groups as required by Title VI of the Civil Rights Act of 1964 as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

For inquiries regarding non-discrimination policies under Title VI, Title IX, and Section 504, contact Dr. Deana Steeber, Assistant Superintendent, via email at deana.steeber@argyleisd.com or by phone at 940-464-7241. Dr. Steeber can also be reached at Argyle ISD's central offices, 6701 Canyon Falls Drive in Flower Mound, TX.

Title VI, Title IX, & Section 504 Coordinator
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Credits

Awarding Units of Credit

A ½ unit (credit) is earned for satisfactory completion of each semester of coursework. In a 2 semester course, the average of both semesters must be at least a 70 for a full credit to be awarded.

Local Credit

Local credits do not count toward the credits required for graduation and are not calculated into the grade point average. The grade earned in a local credit course is recorded on the transcript.

Elective Credit

Any course taken for credit that is not a graduation requirement is considered an elective credit.

Dual Enrollment Credit

When a student takes a college course for both high school and college credit it is considered a dual enrollment credit. The student must meet the college requirements and have high school approval for enrollment.

Advanced Placement Courses

Advanced Placement courses are designed for highly motivated students. These courses provide students with the opportunity to earn college credits by successfully passing the AP exams which are taken in May of each school year. With a successful score, students may earn 3 to 6 hours of credit per course at many colleges and universities.

Credit Options

Credit for Remediation

Correspondence Courses - Correspondence/on-line courses offered through Texas Tech University Extended Studies Program. Students register online and take course/s from home and have 6 months to complete. You will take your final exam in the AHS counseling office. Approximate cost is $250.00 per .5 credit plus cost of books. **Limit of 2.0 credits through correspondence courses.** Please see your counselor before ordering a correspondence course for acceleration. **MUST BE COMPLETED PRIOR TO START OF SENIOR YEAR.**

Credit by Exams - Credit-by-exams may be offered to students that need to repeat a course due to failure. Students who fail a class due to absences are not eligible to take a CBE to recover credit. See your counselor before ordering the exam. You will take the CBE in the AHS testing office. Approximate cost - $50 per exam.

AHS Credit Recovery (APEX) - In school program in which students work at their own pace on computer programs to earn credit. Cost - $50.00 per .5 credit. You must have counselor and administrative approval. Core classes are offered for credit recovery only.

Summer School - Students can take summer school through AISD or any other school district. Prices vary.

Credit for Acceleration

Texas Virtual School Network (TxVSN) - Online courses offered through Texas Virtual School provider. See your counselor for more information. Students can only take up to 2.0 credits of on-line courses.

Correspondence Courses - Correspondence/on-line courses offered through Texas Tech University Extended Studies Program. Students register online. Take the course from home and have 6 months to complete. You will take your final exam in the AHS counseling office. Approximate cost is $225.00 per .5 credit plus cost of books. Limit of 2.0 credits through correspondence courses. Please see your counselor before ordering a correspondence course for acceleration. **ALL COURSES MUST BE APPROVED BY THE HIGH SCHOOL PRINCIPAL AND COMPLETED PRIOR TO START OF SENIOR YEAR.**

Credit for Acceleration Exams - Offered to students to earn additional credit. A student must earn an **80% or above** to receive credit. See your counselor before ordering the exam. You will take the CBE in the AHS Counseling office.

Summer School - Students can take summer school through AISD or any other accredited school district. Must be a course that is specified for acceleration, so please see your counselor before registering. Prices vary.

These credits DO NOT calculate into overall GPA

CLASS OF 2019 & BEYOND
Grade Point Average/Rank

Grade Point Average

GPA is a cumulative average of semester grades earned throughout high school.

Grades 9-12

The District shall include in the calculation all grades earned in grades 9-12 for state credit.

Grades 7-8

Class of 2019 and beyond – Credits earned for high school in grades 7-8 are included in GPA calculation.

Exclusions –

- Grades earned by credit by examination
- Summer school programs
- Courses repeated for local credit
- Courses repeated due to failure
- Distance Learning courses
- Correspondence courses
- Marching band in the fall semester for state credit
- On-line instruction

Weighted Credits

For Class of 2025 and Prior - Pre-AP and Honors courses will be weighted by 7% of the semester grade. (This includes UIL courses.) AP and Dual courses will be weighted by 10% of the semester grade. The grade earned will be reflected on the transcript and report card. The weight is added into the calculation of the GPA.

Starting with the Class of 2026 - Honors and Dual Credit courses will be weighted by 7% of the semester grade. (This includes UIL courses.) AP courses will be weighted by 10% of the semester grade. The grade earned will be reflected on the transcript and report card. The weight is added into the calculation of the GPA.

Rank

The overall cumulative GPA determines rank in class.

STAAR Testing
(State of Texas Assessments of Academic Readiness)

Meeting minimum standards on the five EOC assessments is required for graduation.

The STAAR End-of-Course (EOC) assessments include:

- English I
- English II
- Algebra I
- Biology
- US History

Students who do not meet minimum standards will be given another opportunity to test in the summer.

If the summer score is below the minimum standard or if the student is unable to take the summer assessment(s), the student will be placed in a test preparation/acceleration course, and will test again in the fall.

Schedule Change Policy:

The AHS staff strongly encourages students to think very carefully about their course selections and have schedule change decisions made by May 19, 2023 as school finishes for the summer break.

In the event that a schedule change is necessary in the fall, please complete a schedule change request form. Schedule changes **will not** be made after the first week of each semester unless there is an error. The schedule change forms will be located in the Counseling Office. Please note that we will not modify a schedule simply to change teachers or lunch period.

Any student enrolled in an honors class, an AP class, or a dual credit class will have 3 opportunities to level down for the fall semester (if needed):

1. Anytime during the first week of school,
2. At the end of the third week of school, or
3. At the end of the sixth week of school.

NOTE: When a student levels down from an honors, AP, or dual credit class, the grade earned to that point in the semester will transfer to the new class.

Once the sixth week of school has ended for the fall semester, schedule changes to level down will only be made in rare cases when extenuating circumstances arise. In these rare cases, there must be unanimous agreement between the parent, student, teacher, principal, and counselor to make the change.

During the spring semester, students will only be given the first week of classes to level down from an honors, AP, or dual credit class. Students wishing to drop a Dual Credit course must adhere to the drop policies of Texas Women's University.

Course Descriptions

*All courses marked with an asterisk are weighted credits.

ENGLISH

REQUIRED: Four credits of English: English I, II, III, & IV

English I (9th)	ALL-YEAR	Credit: 1
This course provides an interrelated study of literature, language, and composition. Students will concentrate on developing and applying reading skills, essay fundamentals, and vocabulary through the study of various texts. The world literature covered ranges from short stories and novels to poetry and plays. Composition skills will focus on the structure of ideas, basic grammar and include the completion of a research project.		
Prerequisite: None		

English I Honors* (9th)	ALL-YEAR	Credit: 1
This course is designed to prepare students for the rigors associated with the AP English classes. Students should have advanced skills in reading, composition, and grammar. Numerous selections from world literature are covered, and analytical essays over the texts, fiction as well as non-fiction, are expected every six weeks. The ability to read and write on an advanced academic level is a necessity since the critical analysis of fiction, non-fiction, and poetry is stressed. Close reading skills will be developed and SAT vocabulary will be integrated. Timed writings will be introduced. A research project or paper is required.		
Prerequisite: None ***(Summer assignments are required, and students will receive this information from their English teacher during the last six weeks of school. It will also be published on the high school website.)***		

English II (10th)	ALL-YEAR	Credit: 1
This course continues to build on the skills developed in English I. Students are expected to mature in their ability to read and write effectively. Vocabulary development will emphasize the knowledge of roots, prefixes, and suffixes. Once again, the world literature covered ranges from short stories and novels to poetry and plays. A research project or paper is required.		
Prerequisite: English I		

English II Honors* (10th)	ALL-YEAR	Credit: 1
This course broadens the skills introduced in Honors English I and familiarizes students with the expectations and formats of the AP English exams. An overview of British and American literature is provided, and students are expected to apply close reading skills on a constant basis. Most writing assignments are designed to promote critical thinking while preparing students for the timed aspect of the exams. In addition, SAT vocabulary is integrated. Once again, the ability to read and write on an advanced level is a necessity since the critical analysis of fiction, non-fiction, and poetry is stressed. A research project or paper is required.		
*Prerequisite: English I or English I Honors (**Summer assignments are required, and students will receive this information from their English teacher during the last six weeks of school. It will also be published on the high school website.)***		

English III (11th)	ALL-YEAR	Credit: 1
This course develops advanced composition and reading skills, promotes mastery of language and grammar usage, and fosters understanding of the major literary periods and forms characterizing American literature. Vocabulary is enhanced with a study of roots and etymology. A research paper with an American literature or vocational focus is required.		
Prerequisite: English II		

English III AP Language/Dual Credit Composition 1013 & 1023* (11th)	ALL-YEAR	Credit: 1
This course prepares students to take the AP Language and Composition Examination. An emphasis is placed on becoming skilled readers of prose (mainly non-fiction) written in a variety of periods, disciplines, and rhetorical contexts, as well as becoming skilled writers who compose for a variety of purposes. A strong vocabulary and solid grammar skills are essential for success.		
*Prerequisite: English II or Pre-AP English II **(Summer assignments are required, and students will receive this information from their English teacher during the last weeks of school. It will also be published on the high school website. Students must meet TWU requirements to enroll in dual credit. Dual Credit courses have a separate attendance policy.)***		

English IV (12th)	ALL-YEAR	Credit: 1
This course continues to develop advanced composition and reading skills and promote mastery of language and grammar usage. Students will gain an understanding of the major literary periods and forms characterizing British literature. A critical analysis research paper involving British literature is required.		
Prerequisite: English III		

English IV AP/Dual Credit World Literature 2043 & 2013* (12th)	ALL-YEAR	Credit: 1
This course prepares students to take the AP Literature and Composition Exam and is a survey of World Literature. An emphasis is placed on the critical analysis of literary works, mainly fiction and poetry. Writing assignments will cover a variety of forms and encourage style development.		
Prerequisite: AP English III Language/Dual Credit 1301 & 1302 Mastered Exit Level ELA TAKS ***(Summer assignments are required, and students will receive this information from their English teacher during the last weeks of school. It will also be published on the high school website. Students must meet TWU requirements to enroll in dual credit. Dual credit courses have a separate attendance policy.)***		

The Bible: The impact on history and literature of Western Civilization (9th-12th)	ALL-YEAR	Credit: 1
Using the Hebrew Scriptures, including the Old Testament and New Testament, this elective course is designed to teach knowledge of biblical content, characters, poetry, and narratives that are prerequisites to understanding contemporary society and culture, including literature, art, music, mores, oratory, and public policy.		
Prerequisite: NONE		

Independent Study in English I, II, III* (10th-12th)	ALL-YEAR	Credit: 1
This course offers a student the chance for in-depth preparation in an English-related UIL Academic event. At the beginning of the year/semester, an individual education plan will be developed based on the student's particular event(s) and needs. Once a student finishes competition (regardless of level), he will complete an analysis of his overall performance and then switch to a personal-interest research project.		
Prerequisite: ***Teacher approval***		

Journalism I - Intro to Journalism (9th-12th)	ALL-YEAR	Credit: 1
In this course the student will learn the basic principles of journalism. The student will develop an awareness of media law, rights and responsibilities, news values, journalistic style and story types. The student will practice composing and editing a variety of stories for both print and digital forums, and will learn to adhere to the accepted standards of professional ethics and responsibility. The course will be taught by lecture, discussion, hands-on practice, simulation, and field trip or guest lecture, depending upon availability.		
Prerequisite: NONE		

Advanced Journalism: Newspaper I, II, III (10th-12th)	ALL-YEAR	Credit: 1
Students enrolled in Advanced Journalism: Newspaper I, II, III communicate in a variety of forms for a variety of audiences and purposes. High school students are expected to plan, draft, and complete written and/or visual compositions on a regular basis, carefully examining their copy for clarity, engaging language and the correct use of the conventions and mechanics of written English. Students are expected to become analytical consumers of media and technology to enhance their communication skills. In addition, students will practice journalistic ethics and standards. Writing, technology, visual and electronic media are used as tools for learning as students create, clarify, critique, write and produce effective communications. Students will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare multimedia project(s).		
Prerequisite: Journalism I, application, ***and teacher approval*** *Prefer applicants with strong writing, computer and/or photography skills.*		

Advanced Journalism: Yearbook I, II, III (10th-12th)	ALL-YEAR	Credit: 1
Students will plan, draft, and complete written and/or visual compositions on a regular basis, carefully examining their copy for clarity, engaging language and the correct use of the conventions and mechanics of written English. The students are expected to become analytical consumers of media and technology to enhance their communication skills. In addition, students will learn journalistic ethics and standards. Writing, technology, visual and electronic media are used as tools for learning as students create, clarify, critique, write and produce effective communications. Students enrolled in Advance Journalism: Yearbook I, II, III will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare a published yearbook as a class.		
Prerequisite: Journalism I, application, ***and teacher approval***		

Debate I, II, III* UIL (9th-11th)	ALL-YEAR	Credit: 1
Controversial issues arise in aspects of personal, social, public, and professional life in modern society. Debate and argumentation are widely used to make decisions and reduce conflict. Students enrolled in Debate are expected to develop skills in argumentation and debate, to become interested in current issues, to develop sound critical thinking, and to sharpen communication skills. They acquire life-long skills for intelligently approaching controversial issues.		
Prerequisite: ***Teacher approval***		

Independent Study in Debate* UIL (12th)	ALL-YEAR	Credit: 1
Communication skills are important in all aspects of life. Students who have mastered concepts and developed skills in introductory courses should be provided with opportunities to extend their knowledge and expand their skills in more advanced study. Independent Study in Speech provides opportunities for advanced students to plan, organize, produce, perform, and evaluate a project that enables them to develop advanced skills in communication, critical thinking and problem solving.		
Prerequisite: ***Successful completion of Debate I, II and III***		

Creative Writing (9th-12th)	ALL-YEAR	Credit: 1
Creative Writing, a rigorous composition course, asks high school students to demonstrate their skill in such forms of writing as fictional writing, short stories, poetry, and drama. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop peer and self-assessments for effective writing, and set their own goals as writers.		

Analysis of Visual Media: Film (12th)	SEMESTER	Credit: 0.5
This elective course teaches students to become active, critical viewers of film, including those intended to inform, entertain, and persuade. Students will recognize strategies and critique visual and sound techniques of media. The films shown in this class will be narratives with all the basic elements of literature; these will be analyzed, examined and discussed, applying the same methods used in English literature classes. Because many significant films are based on books, students will also consider the relationship between films and the written word. Students will write critical analysis essays, reviews, and research reports, create their own media project, and will participate in class discussions.		
Prerequisite: ***Parent approval*** *for viewing of films*		

Literary Genres: Fiction (12th)	SEMESTER	Credit: 0.5
Students enrolled in Literary Genres will analyze the fictional and poetic elements of literary texts and read to appreciate the writer's craft. Students will discover how well written literary texts can serve as models for their own writing and will respond to oral, written, and electronic text to connect their knowledge of the world. Readings will mostly come from American writers. Students will write analysis essays and produce creative writing. Reading quizzes and essay exams will also be given throughout the semester.		

MATH

REQUIRED:

DISTINGUISHED & MULTIDISCIPLINARY PLAN: 4 Credits of Math: Algebra I, Geometry, Algebra II & Advanced Math
FOUNDATION PLAN: 3 Credits of Math: Algebra I, Geometry & Advanced Math
STEM ENDORSEMENT: 5 Credits of Math: Algebra I, Geometry, Algebra II & 2 Advanced Math courses (5 credits)

Students should take math courses in sequence listed below since the skills in one course build upon skills mastered in previous courses. Therefore, it is important that when registering for courses, students pay careful attention to prerequisite courses and teacher recommendations.

Mathematics Course Sequence				
8th Grade	**9th Grade**	**10th Grade**	**11th Grade**	**12th Grade**
8th Grade Math	Algebra I	Geometry	Math Models	Algebra II
8th Grade Math	Algebra I	Geometry	Algebra II	AQR Pre-Calculus Statistics & Decision Making
8th Grade Math	Honors Algebra I	Honors Geometry	Honors Algebra II	AQR Pre-Calculus AP Pre-Calculus Dual Credit Pre-Cal Stats & Dec Making
8th Grade Math	Honors Algebra I	Honors Geometry and Honors Algebra II	Dual Credit Pre-Calculus AP Pre-Calculus Pre-Calculus Statistics & Decision Making	AP Calculus BC AP/DC Calculus AB Statistics & Decision Making AP Statistics
Honors Algebra I	Honors Geometry Geometry	Honors Algebra II Algebra II	Dual Credit Pre-Cal AP Pre-Cal Pre-Calculus	AP Calculus BC AP/DC Calculus AB AP Statistics
Honors Geometry	Honors Algebra II Algebra II	Dual Credit Pre-Calculus Honors Pre-Calculus Pre-Calculus	AP Calculus BC AP/DC Calculus AB	AP Statistics

Algebra I (8th-9th)	ALL-YEAR	Credit: 1
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. This course may NOT be taken concurrently with any other math course. This course is meant to develop the structure of the real number system in a variety of ways. Students will learn to solve and graph linear equations and inequalities, factor expressions, and solve quadratic equations. Students are taught to use algebra in real life applications. Students in this course will become proficient in using the graphing calculator.		
Prerequisite: None		

Algebra I Honors* (8th-9th)	ALL-YEAR	Credit: 1
Honors Algebra I is the first in a series of rigorous college preparatory courses in secondary mathematics at the Honors and AP level. Review of material covered in previous years will be minimal and strong performance in previous mathematics courses should be considered essential. Basic concepts are the same as Algebra I, but major emphasis is placed upon higher level thinking skills. Included in this course is the study of number systems, operations, equations, inequalities, exponents, polynomials, linear equations, linear inequalities, absolute value equations, absolute value inequalities, quadratic equations, rational expressions, relations, functions, systems of equations, radicals and statistics.		
Prerequisite: None		

Geometry (9th-10th)	ALL-YEAR	Credit: 1
Geometry is a course designed to strengthen the student's reasoning abilities through techniques learned in developing deductive and inductive proofs. This class also enhances the student's awareness of geometry in nature as well as in man-made creations.		
Prerequisite: Algebra I (Algebra II may be taken concurrently with approval)		

Geometry Honors* (9th-10th)	ALL-YEAR	Credit: 1
Honors Geometry provides an enriched course of study in geometry for strong mathematics students. The basic content is the same as regular geometry, but major emphasis is placed upon higher level thinking skills. Applications of geometric concepts to problem solving in algebra and trigonometry are also stressed. Students will investigate non-Euclidean geometry.		
Prerequisite: Algebra I (Algebra II may be taken concurrently with approval)		

Math Models (10th-11th)	ALL-YEAR	Credit: 1
In Mathematical Models with Applications, students continue to build on Algebra I and Geometry foundations as they expand their understanding through other mathematical experiences. Students use algebraic, graphical and geometric reasoning to recognize patterns and structure, to model information and to solve problems from various disciplines. Students use mathematical methods to model and solve real-life applied problems involving money, data, chance patterns, music, design and science.		
Prerequisite: Algebra I and Geometry		

Algebra II (9th-11th)	ALL-YEAR	Credit: 1
Algebra II extends the concepts learned in Algebra I to the complex number system. Emphasis is placed on the study of functions, graphing, factoring, and equation solving within the field of complex numbers.		
Prerequisite: Algebra I and Geometry (Geometry may be taken concurrently with approval)		

Algebra II Honors* (9th-11th)	ALL-YEAR	Credit: 1
Honors Algebra II includes an advanced study of the complex number system, with emphasis on the use of algebra to solve real-world problems. Major emphasis is placed on higher level thinking skills.		
Prerequisite: Algebra I or Geometry (Pre-AP Geometry is strongly recommended)		

Advanced Quantitative Reasoning (11th-12th)	ALL-YEAR	Credit: 1
Students continue to build upon their K–8, algebra, and geometry foundations and expand their understanding through further mathematical experiences. The primary focal points of Advanced Quantitative Reasoning include the analysis of information using statistical methods and probability, modeling change and mathematical relationships, mathematical decision making in finance and society, and spatial and geometric modeling for decision making. In Advanced Quantitative Reasoning, students will learn to become critical consumers of the quantitative data that surround them every day, knowledgeable decision makers who use logical reasoning, and mathematical thinkers who can use their quantitative skills to solve problems related to a wide range of situations.		
Prerequisite: Algebra II		

Pre-Calculus (11th-12th)	ALL-YEAR	Credit: 1
Pre-Calculus is designed to provide the student with the skills in trigonometry, elementary analysis, and analytical geometry necessary for success in physics and calculus. Emphasis is placed on fundamental trigonometric properties and the study of functions and relations.		
Prerequisite: Geometry and Algebra II		
AP Pre-Calculus* (11th-12th)	ALL-YEAR	Credit: 1
AP Precalculus prepares students for other college-level mathematics and science courses. The contents of this course are foundational for careers in mathematics, physics, biology, health science, and data science. Focus is on higher level skills necessary to prepare students for Advanced Placement Calculus.		
Prerequisite: Geometry and Algebra II (Honors are strongly recommended)		
Pre-Calculus Dual Credit* (11th-12th)	ALL-YEAR	Credit: 1
Dual Credit Pre-Calculus consists of College Algebra in the fall and College Trigonometry in the spring. College Algebra reinforces concepts of Algebra II. It emphasizes equations and inequalities; functions and graphs; polynomial functions; exponential and logarithmic functions, systems of equations; sequences and series; applications. College Trigonometry explores algebraic, exponential, logarithmic, and trigonometric functions; an introduction to matrix algebra; complex numbers, sequences, the binomial theorem.		
Prerequisite: Geometry and Algebra II (Honors are strongly recommended and student must meet TWU requirements to enroll in dual credit)		
AP Calculus AB/Dual Credit Math* (12th)	SEMESTER	Credit: .5
AP Calculus AB is primarily concerned with developing the student's understanding of the concepts of calculus and providing experience with its methods and applications. This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations also are important. Technology is used regularly by students and teachers to reinforce the relationships among the multiple representations of functions to confirm written work, to implement experimentation, and to assist in interpreting results. Calculus AB is equivalent to the first semester of college calculus.		
Prerequisite: Pre-Calculus (Student must meet TWU requirements to enroll in dual credit)		

AP Calculus BC Math* (12th)	ALL-YEAR	Credit: 1
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. This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations also are important. Technology is used regularly by students and teachers to reinforce the relationships among the multiple representations used by students and teachers to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. Calculus BC is an extension of Calculus AB rather than an enhancement. AP Calculus BC includes all the topics covered in the AB course as well as some additional ones. Successful completion of AP Calculus BC is equivalent to the first two semesters of college calculus.		

AP Statistics* (12th)	ALL-YEAR	Credit: 1
AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions and conclusions.		
Prerequisite: Pre-Calculus		

Statistics and Business Decision Making (11th-12th)	ALL-YEAR	Credit: 1
Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions. Students will explore careers in the area of risk management and will learn to plan, monitor, and control day-to-day activities to enable continued functioning in finance. Students will analyze accounting systems to examine financial stability. Students will explain the role and impact of dividends in corporate finance. Students will access, process, maintain, evaluate, and disseminate financial information to assist decision making.		
Prerequisite: Algebra II		

Independent Study in Math UIL* (9th-12th)	SEMESTER(S)	Credit: .5 or 1
Students will extend their mathematical understanding beyond Algebra II level in a specific area or areas of mathematics, such as theory of equation, number theory, non-Euclidean geometry, advanced survey of mathematics, or history of mathematics. Students will study areas of special interests including SAT Prep, ACT Prep, UIL Number Sense, UIL Calculator Applications, and UIL Mathematics.		
Prerequisite: Algebra I, Geometry & Algebra II must be completed for this course to count as a state credit		

SCIENCE

REQUIRED:

FOUNDATION PLAN: Three Credits of Science: Biology, IPC or Chemistry or Physics, and one laboratory science course where prerequisites have been met.
DISTINGUISHED & MULTIDISCIPLINARY PLAN: Four Credits of Science: Biology, IPC or Chemistry or Physics, and two additional laboratory science courses where prerequisites have been met.
STEM ENDORSEMENT: Five Credits of Science: Biology, Chemistry, Physics, and two additional laboratory science courses (not including IPC) where prerequisites have been met.

Biology (9th)	ALL-YEAR	Credit: 1
Biology is a required science course that focuses on the major concepts in biology, including cell structure, function, reproduction, ecology, genetics, classification and an overview of the 6 kingdoms. This course is designed to provide the students with a strong foundation and conceptual understanding of biology.		
Prerequisite: None		

Biology Honors* (9th)	ALL-YEAR	Credit: 1
Biology Honors is designed as a college prep class with emphasis on preparation for the Biology AP course. It takes the concepts of biology and expands them to include a more in-depth study, including a greater emphasis on biochemistry and genetic engineering. This course is rigorous in pacing, depth, and expectations. It is recommended for people who plan to stay on the Honors/AP science track throughout high school.		
Prerequisite: Recommended 90 or above in current science class and attained advanced or standard level performance on the STAAR 8 assessment.		

Biology Dual Credit* (11th-12th or 10th with Teacher Approval)	ALL-YEAR	Credit: 1
Biology Dual Credit is a course designed to be the equivalent of a college introductory biology course. The college course in biology differs significantly from the usual first high school course in biology with respect to the textbook used, the range and depth of topics covered, the kind of lab work done by the students, and the time and effort required by the students. Students will earn college credit from both the lecture and lab.		
Prerequisite: (Students must meet TWU requirements to enroll in dual credit.) *Biology, Chemistry, and Algebra I. Recommended 85 or above in Biology*		

Biology AP* (11th-12th or 10th with Teacher Approval)	ALL-YEAR	Credit: 1
Biology AP is a course designed to go beyond a college introductory biology course. This course is designed to meet the needs of students who are gifted and talented, college bound, and/or have a desire to pursue advanced course work. Course topics include statistical analysis, in depth cell communication, and genetic engineering. Advanced lab investigations involving independent data analysis and study are a major part of the course. The student will be given the opportunity to take the AP test in May to receive college credit.		
Prerequisite: Biology Pre-AP, Chemistry, and Algebra I. Recommended 85 or above in Biology Honors.		

Integrated Physics & Chemistry (IPC) (10th)	ALL-YEAR	Credit: 1
This is an introductory level course covering the fundamental principles of the structure and interactions of matter (chemistry) and the forms of energy and laws of motion (physics). Students will discover these topics in a laboratory setting using the scientific process.		
Prerequisite: None		

Chemistry (10th-11th)	ALL-YEAR	Credit: 1
Chemistry is the study of the composition, structure and properties of substances and the changes they undergo. This college preparatory course emphasizes problem solving and mathematical applications.		
Prerequisite: Biology and Algebra I		

Chemistry Honors* (10th-11th)	ALL-YEAR	Credit: 1
This course is designed for students showing advanced aptitude toward science and math. This college preparatory course is designed to provide the advanced science student an enriched and expanded chemistry curriculum in preparation for enrollment in AP chemistry. Emphasis problem solving, mathematical applications, lab techniques, and critical thinking.		
Prerequisite: Recommended 90 or above in Biology I and Algebra I		

Chemistry AP/Dual Credit* (11th-12th)	ALL-YEAR	Credit: 1
This course is designed to provide the material found in college general chemistry for science and engineering students. The course includes topics such as qualitative and quantitative analysis, quantum mechanics, kinetics, equilibrium, and solution chemistry, with an emphasis on mathematical problem solving. Advanced lab investigations involving independent data analysis and study are a major part of the course. The student will be given the opportunity to take the AP test in May, or may enroll through TWU to receive dual credit.		
Prerequisite: Chemistry and Algebra II. Honors Chemistry and Precalculus are highly recommended. (Students must meet TWU requirements to enroll in dual credit.)		

Physics (11th-12th)	ALL-YEAR	Credit: 1
This is an introductory course designed to give students a good understanding of the basic principles of mechanics, electricity, and magnetism. Knowledge of algebra is required for the course. Newtonian mechanics, thermal physics, electricity, magnetism, waves, optics, atomic, and nuclear physics will be studied.		
Prerequisite: Biology, Chemistry or IPC, Algebra I		

Honors Physics (11th-12th)	ALL-YEAR	Credit: 1
The Honors Physics course explores the fundamental laws that govern the universe. Concepts such as velocity, acceleration, force, momentum, and energy are used to investigate motion, gravity, friction, pressure, heat, waves, and electromagnetism. Labs provide concrete demonstrations of physical principles. Students make substantial use of Algebra 1 and Geometry to describe and predict action in the physical world. There will be significantly higher academic expectations of students in honors level courses.		
Prerequisite: Honors Algebra 1 and Honors Geometry		

AP Physics I* (10th-12th)	ALL-YEAR	Credit: 1
AP Physics I is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. It is a full-year course that is the equivalent of a first-semester introductory college course in algebra-based physics and students can earn a semester of college physics credit through AP examination.		
Prerequisite: At least one high school science credit, Geometry and Algebra II or higher		

AP Physics II* (11th-12th)	ALL-YEAR	Credit: 1
AP Physics II is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based investigations as they explore the concepts of fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic and nuclear physics. It is a full-year course that is the equivalent of a second-semester introductory college course in algebra-based physics and students can earn a semester of college physics credit through AP examination.		
Prerequisite: AP Physics 1 and Pre-calculus (or concurrent enrollment in Pre-calculus)		

AP Physics C - Mechanics* (11th-12th)	ALL-YEAR	Credit: 1
AP Physics C is a two-semester, calculus-based physics course. Methods of calculus are used in formulating physical principles and in applying them to problems. The student will apply their knowledge of physics, from classwork and hands-on laboratory procedures, and be able to apply it to problems they have never seen, which may include calculus. The course covers big ideas of systems, interactions, changes between the systems, fields, and conservation within a system. The topics of mechanics cover: kinematics, dynamics, vectors, energy conservation, momentum and collisions, center of mass, rotation, static equilibrium, oscillations, and gravitation. Students will use representations and models, apply mathematics, engage in scientific questioning, plan and implement data collection strategies, perform data analysis, work with scientific explanations and theories, and connect and relate knowledge across various scales, concepts, and representations in AP Science classes. AP Physics C Mechanics is the equivalent of a first semester Engineering Physics course which is taken by science, engineering, medical and telecommunications majors.		
Prerequisite: AP Physics 1 OR Honors Physics, Concurrent Enrollment in AP Calculus		

AP Physics C - Electricity and Magnetism* (11th-12th)	ALL-YEAR	Credit: 1
AP Physics C: Electricity and Magnetism is a two-semester, calculus-based, college-level physics course. It is especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. AP Physics C Electricity and Magnetism is the equivalent of a second semester Engineering Physics course which is taken by science, engineering, medical and telecommunications majors.		
Prerequisite: AP Physics 1 or Honors Physics, AP Physics C - Mechanics or concurrent enrollment, Concurrent Enrollment in AP Calculus		

Anatomy & Physiology (11th-12th)	ALL-YEAR	Credit: 1
Anatomy/Physiology is a study of the structure and function of the human body. Students will be required to fully understand all body systems at the microscopic and macroscopic level. This involves dissections of other mammalian organisms in order to better understand the correlated human systems. This course is a rigorous preparatory course designed for students interested in healthcare professions.		
Prerequisite: Biology & Chemistry		

Environmental Systems (11th-12th)	ALL-YEAR	Credit: 1
Students conduct field and laboratory investigations while studying a variety of topics that include: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; sources and flow of energy through an environmental system; relationship between carrying capacity and changes in populations and ecosystems; and changes in environments.		
Prerequisite: Biology & Chemistry		

AP Environmental Systems (11th-12th)	ALL-YEAR	Credit: 1
The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry and geography.		
Recommended prerequisites: Algebra I, two years of high school laboratory science, including one year of life science and one year of physical science.		

Food Science I (12th)	ALL-YEAR	Credit: 1
Students will investigate food science as an integral part of our daily lives. Food Science is a lab-based class where students will engage in food labs 40% of the time. Food science is the study of the nature of foods, the causes of deterioration, the principles of underlying food processing, and the improvement of foods for the consuming public. Students will make informed decisions using critical thinking with food as the experimental focus. Learn how to apply science in order to elevate your culinary skills. This course satisfies a high school science graduation requirement.		
Prerequisite: Three units of science, including Biology & Chemistry		

Forensic Science (12th)	ALL-YEAR	Credit: 1
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.		
Prerequisite: Biology I and Chemistry I ; Recommended prerequisite or corequisite: any Law, Public Safety, Corrections, and Security Career Cluster course		

Aquatic Science (12th)	ALL-YEAR	Credit: 1
In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Investigations and field work in this course may emphasize freshwater or marine aspects of aquatic science depending primarily upon the natural resources available for study near the school. Students who successfully complete Aquatic Science will acquire knowledge about a variety of aquatic systems, conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical-thinking and problem-solving skills.		
Prerequisite: Biology & Chemistry		

SOCIAL STUDIES

REQUIRED:

DISTINGUISHED & MULTIDISCIPLINARY PLAN: Four credits of Social Studies Credits: World Geography, World History, United States History, United States Government (.5) & Economics (.5)
FOUNDATION PLAN: Three Credits of Social Studies: World Geography or World History, U.S. History, U.S. Government (.5) & Economics (.5)
ARTS & HUMANITIES ENDORSEMENT: Five Social Studies Credits: World Geography, World History, U.S. History, U.S. Government (.5) & Economics (.5), plus one additional Social Studies credit.

The social studies curriculum is designed to aid students in the development of appropriate knowledge, skills, and attitudes required to be responsible, contributing citizens in our society. Possible careers for students with social studies training: anthropologist, art historian, civic service, economist, foreign affairs, politics.

World Geography (9th-10th)	ALL-YEAR	Credit: 1
World Geography is the study of people, human adaptation and cultures, physical environments, and geographic factors. This course emphasizes map study, continents and oceans, environmental issues, the relationship between physical and cultural geography, and the impact that environment has on social, cultural, and economic life.		
Prerequisite: None		

World Geography Honors* (9th-10th)	ALL-YEAR	Credit: 1
This course covers all of the essential elements of the on-level course at a faster pace and in greater depth. It also includes independent study and research to enable students to develop additional knowledge and critical-thinking skills. This course is designed to meet the needs of students who are gifted and talented, college bound, and/or have a desire to pursue advanced course work.		
Prerequisite: None		

Human Geography AP* (9th-10th)	ALL-YEAR	Credit: 1
This college-level course is an in-depth study of patterns and processes that shape human understanding, including how humans use the earth and alter 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, urban land use, industrialization, and economic development. This course fulfills the graduation requirement for World Geography. Students will have the opportunity to take the AP test and may earn college credit.		
Prerequisite: None		

World History (9th-10th)	ALL-YEAR	Credit: 1
This course is a survey of humankind's accomplishments and failures from ancient civilizations to the present. The purpose of the course is to provide an overview of the history of humankind as well as a study of Western heritage and of significant non-Western cultures. Additionally, it provides a continuous record of humankind's progress and failures and of today's civilizations as an accumulation of these experiences and achievements.		
Prerequisite: None		

World History AP* (10th)	ALL-YEAR	Credit: 1
This course covers world history from 1200 to the present, but at a faster pace and in greater depth than the on-level class. It also includes independent study and research to enable students to develop additional knowledge and critical-thinking skills. This course is designed to meet the needs of students who are gifted and talented, college bound, and/or have a desire to pursue advanced course work. Students will have the opportunity to take the AP test and may earn college credit.		
Prerequisite: World Geography or Human Geography AP		

U.S. History (11th)	ALL-YEAR	Credit; 1
This is a study of economic, political, cultural, and geographic trends in United States history, from Reconstruction through the modern era. The course will emphasize social, political, and economic affairs and the U.S. as a world power. Also included is study of the relationship between geography and the social and cultural development of the people in the U.S. over time. Students will study political leaders and the three branches of the federal government.		
Prerequisite: World Geography or World History		

U.S. History AP/Dual* (11th)	ALL-YEAR	Credit: 1
The first semester of this course is a general survey of American history from the earliest discovery period through the Civil War and Reconstruction. The second semester is a general survey of American history from Reconstruction to the present. This course covers all of the essential elements of the on-level course at a faster pace and in greater depth. It also includes independent study and research to enable students to develop additional knowledge and critical-thinking skills. This course is designed to meet the needs of students who are gifted and talented, college bound, and/or have a desire to pursue advanced course work. Students will have the opportunity to take the AP test and may earn college credit.		
Prerequisite: World Geography or World History (TWU Dual Credit students are required to meet entrance requirements, register and pay tuition for the class through the providing college prior to the beginning of the fall semester)		

European History AP (11th-12th)	ALL-YEAR	Credit: 1
AP European History is equivalent to an introductory college course in European History. This course is a study of European history from the High Renaissance (1450) to the present. Emphasis will be placed on the investigation, understanding, and assessment of the principal themes in modern European history such as the intellectual, cultural, political, diplomatic, social, and economic developments. Analysis of historical evidence - and expressing that analysis and understanding in writing - will be required.This course is designed to meet the needs of students who are gifted and talented, college bound, and/or have a desire to pursue advanced course work. Students will have the opportunity to take the AP test and may earn college credit.		
Prerequisite: None		

United States Government (12th)	SEMESTER	Credit .5
This required semester-long course examines United States government and politics. Content includes the Constitution, federalism, political institutions (particularly the three branches of the federal government), political parties, campaigns and elections, interest groups, the media, political culture, and civil rights and liberties.		
Prerequisite: U.S. History, World Geography, or World History		

United States Government and Politics AP/DUAL* (12th)	SEMESTER	Credit .5
This course provides an analytical and critical study of U.S. government and politics, with a focus on preparation for the United States Government and Politics Advanced Placement exam. Topics include but are not limited to: the U.S. Constitution, federalism, political socialization and culture, so-called "linkage institutions", Congress, the presidency, the bureaucracy, the judicial system, civil rights and liberties, and the policy-making process. Instruction is primarily lecture- and discussion-based, and assignments reflect college-level reading loads and writing requirements. Students are also often required to familiarize themselves with current events via newspapers, television news reports, and the internet. This course is designed to meet the needs of students who are gifted and talented, college bound, and/or have a desire to pursue advanced course work. Students will have the opportunity to take the AP test and may earn college credit.		
Prerequisite: U.S. History, World Geography, or World History (TWU Dual Credit students are required to meet entrance requirements, register and pay tuition for the class through the providing college prior to the beginning of the fall semester)		

Economics (12th)	SEMESTER	Credit: .5
This required semester-long course studies economics, with emphasis on the American economic system. Topics include but are not limited to: basic concepts in economics, the free enterprise system, government involvement with the free enterprise system, comparative economic systems, and the position of the American economy in the world market. Students will also study the skills necessary to become a prudent participant in the economy.		
Prerequisite: U.S. History, World Geography, or World History		

Macroeconomics AP/DUAL* (12th)	SEMESTER	Credit: .5
This course provides an introduction to and overview of economics, specifically macroeconomics, with a focus on preparation for the Macroeconomics Advanced Placement exam. This course introduces some basic general economic concepts, but the bulk of the class will focus on macroeconomics, the division of economics that analyzes economies and decision-making on a large scale. Topics include but are not limited to: market dynamics, trade, inflation, unemployment, fiscal and monetary policy, and economic growth. This course is designed to meet the needs of students who are gifted and talented, college bound, and/or have a desire to pursue advanced course work. Students will have the opportunity to take the AP test and may earn college credit.		
Prerequisite: U.S. History, World Geography, or World History (TWU Dual Credit students are required to meet entrance requirements, register and pay tuition for the class through the providing college prior to the beginning of the fall semester)		

Microeconomics AP/DUAL* (12th)	SEMESTER	Credit: .5
This course provides an introduction to and overview of economics, specifically microeconomics, with a focus on preparation for the Microeconomics Advanced Placement exam. This course introduces some basic general economic concepts, but the bulk of the class will focus on microeconomics, the division of economics that analyzes economies and decision-making on the level of the individual person, firm, industry, market, etc. Topics include but are not limited to: market dynamics, trade, product market structures, factor markets, and the effects of government policy on efficiency and equity.		
Prerequisite or Corequisite: Macroeconomics Advanced Placement/Dual (TWU Dual Credit students are required to meet entrance requirements, register and pay tuition for the class through the providing college prior to the beginning of the fall semester)		

Special Topics in Social Studies for UIL* (10th-12th)	ALL-YEAR	Credit: 1
This course offers in-depth preparation for a social studies-related UIL Academic event. Admission requires permission for the relevant UIL teacher(s).		
Prerequisite: ***Teacher Approval***		

Psychology (10th-12th)	SEMESTER	Credit: .5
In this elective course students learn the science of behavior and mental processes. Students examine the full scope of the science of psychology, including the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.		
Prerequisite: None		

Sociology (10th-12th)	SEMESTER	Credit: .5
This elective course is an introductory study of social behavior and the organization of human society. This course will describe the development of the field as a social science, identify methods and strategies of research, and promote an understanding of how the individual relates to society. Students will also learn the importance and role of culture, social structure, socialization, and social change.		
Prerequisite: None		

Special Topics in Social Studies: World War II (11th-12th)	SEMESTER	Credit: .5
This course is a semester-long study of World War II. Course content includes an introduction to basic military history and analysis of consequential individuals, groups, and events. Students will explore the causes and effects of World War II and learn about the major historical figures involved. This is not an AP course; UIL eligibility requirements are not waived.		
Prerequisite: None		

Special Topics in Social Studies: The World Since WWII (11th-12th)	SEMESTER	Credit: .5
Focusing on Germany and the former Soviet Union in the second half of the 20th century, this course explores political, social, and economic changes that have impacted the United States and the world since World War II. Students will explore history from the Cold War through the present, including the major political and social leaders and movements. This is not an AP course; UIL eligibility requirements are not waived.		
Prerequisite: None		

FOREIGN LANGUAGE (Languages other than English)

REQUIRED:
DISTINGUISHED & MULTIDISCIPLINARY PLANS: Two credits of the same language
FOUNDATION PLAN: Two credits of the same language
ARTS & HUMANITIES PLAN: Four courses of the same language, or two of one language and two of a different language.

Spanish I	ALL-YEAR	Credit: 1
Students begin their introduction to Spanish by focusing on the four key areas of world language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy. Each unit consists of a new vocabulary theme and grammar concepts, that are in line with reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities that practice and reinforce vocabulary and grammar.		
Prerequisite: None		

Spanish II	ALL-YEAR	Credit: 1
Students continue their study of Spanish by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of new vocabulary themes and grammar concepts that are in line with the reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities that practice and reinforce vocabulary and grammar. This course is significantly taught in Spanish.		
Prerequisite: Spanish I		

Spanish II Honors*	ALL-YEAR	Credit: 1
Students continue their study of Spanish by further expanding their knowledge of advanced key vocabulary topics and an intense study of the grammatical patterns for present and past tense concepts. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of new advanced vocabulary themes and intense grammar concepts used while reading and practicing during listening comprehension activities, speaking and writing activities, through multimedia cultural presentations, and interactive activities that practice and reinforce vocabulary and grammar. This course is significantly taught in Spanish the first semester and 100% in Spanish the second semester.		
*Recommended Prerequisite: Spanish I Honors with an 85 or above **OR** a 90 or above in Spanish 1 On level with a teacher's recommendation*		

Spanish III	ALL-YEAR	Credit: 1
A Spanish program designed to expand level I and II knowledge by enabling students to acquire a deeper understanding of the language and culture. An equal emphasis will be placed on developing the four language skills as well as studying the culture of the Spanish-speaking world. Students further deepen their understanding of Spanish by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities that teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in more formal spoken and written contexts.		
Prerequisite: Spanish II ***Students enrolled in Spanish III may enter Spanish IV AP with teacher recommendation only.***		

Spanish III Honors*	ALL-YEAR	Credit: 1
Students further deepen their understanding of Spanish by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities that teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in more formal spoken and written contexts. The course is conducted almost entirely in Spanish and designed to expand level I and II knowledge with an equal emphasis on developing the four language skills as well as studying the culture of the Spanish-speaking world.		
Recommended Prerequisite: Spanish II Honors		

Spanish IV AP*	ALL-YEAR	Credit: 1
Spanish IV AP provides students the opportunity to explore a variety of themes in the Spanish language driven by the AP College Board. This course is equivalent to an intermediate level college course and prepares students to earn college credit through successful completion of the Spanish Language AP exam. Spanish IV AP allows students to deepen their understanding of the target language and gain proficiency in all four language skills. Students will create original materials, participate in open-ended, engaging activities focused on direct oral and written communication, and demonstrate understanding of spoken and written language. Students will make comparisons and connections to their own culture through authentic resources, and interpret culturally authentic materials. This course is conducted entirely in Spanish.		
Recommended Prerequisite: Both Spanish II and III Honors		

French I	ALL-YEAR	Credit: 1
French I 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.		
Prerequisite: None		

French II	ALL-YEAR	Credit: 1
French II emphasizes the further development of vocabulary and oral skills, reading comprehension, writing compositions, and cultural appreciation. Presentation of verb tense construction and grammatical structures continues. The students contrast English with French language operations to strengthen the language-learning process.		
Prerequisite: French I		

French II Honors*	ALL-YEAR	Credit: 1
French II Honors is an intense study of grammatical elements, and develops a more advanced vocabulary. This class focuses on the improvement of the student's ability to listen, speak, read and write using authentic material. Literacy and communicative proficiency is emphasized. French culture is also an important aspect of the class as it further develops an understanding of the diversity of the Francophone world.		
Prerequisite: Recommend an "A" in French I		

French III Honors*	ALL-YEAR	Credit: 1
French III Honors is designed to upgrade listening, speaking, reading, and writing skills from the production of essential messages to original compositions. Literacy and communicative proficiency continue to be emphasized. An awareness of culture, literature, and conversational patterns is enhanced with the use of authentic video and audio selections, news articles, and literary selections. French is spoken almost exclusively.		
Prerequisite: French II or French II Honors		

French IV AP*	ALL-YEAR	Credit: 1
AP French IV is designed to prepare the student for the AP French exam. Communicative and grammar proficiency in listening, speaking, reading, and writing is emphasized through daily practice. An awareness of culture, literature, and conversational patterns is enhanced through the use of authentic documents. French is spoken almost exclusively.		
Prerequisite: French III Honors		

American Sign Language I	ALL-YEAR	Credit: 1
This is an introductory course to acquire basic skills in American Sign Language (ASL). Emphasis will be placed on the communicative use of American Sign Language. It will also include the study of Deaf culture and history. This course is primarily taught using ASL, gestures, and written English, and requires the discipline of daily study.		
Prerequisite: None		

American Sign Language II	ALL-YEAR	Credit: 1
This course builds on the skills acquired in ASL I. Students will learn more complex grammar, vocabulary, and cultural materials. This course is taught in ASL and written English.		
Prerequisite: American Sign Language I		

American Sign Language III	ALL-YEAR	Credit: 1
This course builds on the skills acquired in ASL II. Students will engage in more independent learning using prior knowledge and tools. Lessons are targeted for students to engage in many exchanges and begin looking at how to apply learned knowledge in the community. Class taught exclusively in ASL.		
Prerequisite: American Sign Language II		

CAREER & TECHNOLOGY EDUCATION

Argyle High School CTE Programs of Study

Cybersecurity (STEM)
Programming & Software Development (STEM)
Engineering (STEM)
Business Management (Business and Industry)
Accounting & Financial Services (Business and Industry)
Marketing & Sales (Business and Industry)
Digital Communications (Business and Industry)
Culinary Arts (Business and Industry)
Healthcare Therapeutic (Public Services)
Law Enforcement (Public Services)
Teaching and Training (Public Services)

The Argyle Independent School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in any of its career and technical education programs, services, or activities, in accordance with Title VI of the Civil Rights Act of 1964 as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

For inquiries regarding non-discrimination policies under Title VI, Title IX, and Section 504, contact Dr. Deana Steeber, Assistant Superintendent, via email at deana.steeber@argyleisd.com or by phone at 940-464-7241. Dr. Steeber can also be reached at Argyle ISD's central offices, 6701 Canyon Falls Drive in Flower Mound, TX.

Title VI, Title IX, & Section 504 Coordinator
Dr. Deana Steeber
Assistant Superintendent
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Flower Mound, TX 76226
deana.steeber@argyleisd.com
940-464-7241

Science, Technology, Engineering, and Mathematics Career Cluster

The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing, scientific research and professional and technical services, including laboratory and testing services, and research and development services.

Cybersecurity
Statewide Program of Study

The Cybersecurity program of study includes the occupations and educational opportunities related to planning, implementing, upgrading, or monitoring security measure for the protection of computer networks and information. This program of study may also include exploration into responding to computer security breaches and virus and administering network security measures.

Secondary Courses for High School Credit

Level 1

Level 2
- Computer Science I

Level 3
- AP Computer Science A-Math
- AP computer Science B-LOTE

Level 4
- Independent Study in Technology Applications

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
• Join TSA • Job shadow a computer system analyst or information security analyst	• Obtain a cybersecurity IBC

Postsecondary Opportunities

Associates Degrees
- System Networking, and LAN/WAN Management
- Information Technology
- Computer and Information Sciences, General
- Computer Science

Bachelor's Degrees
- Computer Systems Networking and Telecommunications
- Computer Systems Networking and Telecommunications
- Computer and Information Sciences, General
- Computer Science

Master's, Doctoral, and Professional Degrees
- Computer Systems Analysis/Analyst
- Information Technology
- Computer Information Sciences, General
- Computer Science

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Information Security Analysts	$91,915	814	29%
Network and Computer System Administrators	$82,597	2,814	19%
Computer System Analysts	$87,568	5,937	29%

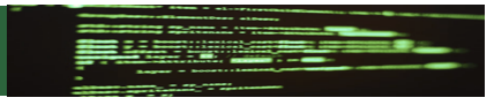
Successful completion of the Cybersecurity program of study will fulfill requirements of the Business and Industry or STEM Endorsement if this math and science requirements are met. Revised – October 2022

Science, Technology, Engineering, and Mathematics Career Cluster

The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing, scientific research and professional and technical services, including laboratory and testing services, and research and development services.

Programming and Software Development

Statewide Program of Study



The Programming and Software Development program of study explores the occupations and education opportunities associated with researching, designing, developing, and testing operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computer applications. This program of study may also include exploration into creating, modifying, and testing the codes, forms, and script that allow computer applications to run.

Secondary Courses for High School Credit

Level 2
- Computer Science I

Level 3
- AP Computer Science A, MATH
- AP Computer Science A, LOTE

Level 4
- Independent Study in Technology Applications

Postsecondary Opportunities

Associates Degrees
- Computer Programming/Programmer General
- Computer Software Engineer
- Computer Science
- Certified Software Analyst

Bachelor's Degrees
- Management Information Systems, General
- Computer Software Engineer
- Computer Science
- Information Science/ Studies

Master's, Doctoral, and Professional Degrees
- Computer Software Engineer
- Computer Science
- Information Science/ Studies

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
• Join TSA • Participate in coding club at school	• Obtain an industry-based certification

Industry-Based Certifications

- Certified Entry-Level Python Programmer (PCEP)
- Certified Professional Programmer

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Software Developer, Systems Software	$103,334	2,985	25%
Software Developers, Application	$104,499	6,311	30%
Computer Programmers	$79,893	1,454	9%

Successful completion of the Programming and Software Development program of study will fulfill requirements of the Business and Industry endorsement and STEM endorsement if the math and science requirements are met. Revised – August 2022

Computer Science I (9th-12th)	ALL-YEAR	Credit: 1
The course will train the student to work effectively as entry-level developers. The beginning students learn the fundamentals of computer programming using one specific object-oriented Programming language. Afterwards, students will learn the system development process. They will work on individual projects reflecting industry work scenarios. At the end of course, the students are expected to: be able to understand the flow and logic of a program; be able to create an algorithm and flowchart from the given program or problem; create a program using programming tools; connect the program to the database application; manage the database with professionalism; design, develop, and analyze significant software systems; and be able to defend the developed system.		
Prerequisite: Algebra I		

AP Computer Science A* (10th-12th)	ALL-YEAR	Credit: 2
The curriculum of AP Computer Science in Java is based on the syllabus developed by the College Board. Topics include program design and implementation, algorithm analysis, standard data structures, and object-oriented programming design. AP Computer Science in Java emphasizes programming methodology with an emphasis on problem solving and algorithm development. It is intended to serve both as introductory courses for computer science majors, and for students who will major in disciplines that require significant involvement with computing. AP Computer Science is an approximate equivalent to a one- to two-semester, university-level introductory computer science curriculum. By taking this class, students will learn to design, implement, debug, and document computer programs; write programs using the Java programming language, an industry standard; design and implement modular software components that can be tested, integrated with others, and reused; represent information in an object-oriented manner; read and understand APIs, which enable you to learn how to use other language features on your own later. **This course will earn students one credit in Math and one credit in LOTE for a total of 2 credits, but will only be factored into the GPA one time.**		
Recommended Prerequisite: Computer Science I		

Independent Study in Technology Applications I, II, III (10^{th}-12^{th})	ALL-YEAR	Credit: 1
Through the study of technology applications foundations, including technology-related terms, concepts, and data input strategies, students learn to make informed decisions about technologies and their applications. The efficient acquisition of information includes the identification of task requirements; the plan for using search strategies; and the use of technology to access, analyze, and evaluate the acquired information. By using technology as a tool that supports the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create a solution, and evaluate the results. Students communicate information in different formats and to diverse audiences. A variety of technologies will be used.		
*Prerequisite: **Teacher approval***		

Science, Technology, Engineering, and Mathematics Career Cluster

The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing, scientific research and professional and technical services, including laboratory and testing services, and research and development services.

Engineering
Statewide Program of Study

The Engineering program of study focuses on the design, development, and use of engines, machines, and structures. CTE learners will learn how to apply science, mathematical methods, and empirical evidence to the innovation, design, construction, operation, and maintenance of different manufacturing systems.

Secondary Courses for High School Credit

Level 1
- Engineering Essentials (PLTW)
- Intro to Engineering Design (PLTW)

Level 3
- Aerospace Engineering (PLTW)
- Engineering and Design and Development (PLTW)

Postsecondary Opportunities

Associates Degrees
- Electrical and Electronics Engineering
- Drafting and Design Technology/ Technician, General
- Engineering Technology

Bachelor's Degrees
- Electrical and Electronics Engineering
- CAD/CADD Drafting and/or Design Technology/ Technician
- Bioengineering and Biomedical Engineering
- Construction Engineering Technology/ Technician

Master's, Doctoral, and Professional Degrees
- Electrical and Electronics Engineering
- Mechanical Engineering
- Bioengineering and Biomedical Engineering

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
• Participate in Skills USA competitions	• Intern at an engineering firm • Shadow a machinist

Industry-Based Certifications

- Autodesk Associate (Certified User) AutoCAD
- Autodesk Associate (Certified User) Fusion 360
- Autodesk Associate (Certified User) Inventor for Mechanical Design
- Autodesk Associate (Certified User) Revit Architecture
- Autodesk Associate (Certified User) Revit for Electrical
- Autodesk Associate (Certified User) Revit for Structural Design
- Autodesk Certified Professional Fusion 360
- Autodesk Certified Professional in AutoCAD for Design and Drafting
- Autodesk Certified Professional in Civil 3D for Infrastructure Design
- Autodesk Certified Professional in Inventor for Mechanical Design
- Autodesk Certified Professional in Revit for Architectural Design
- Autodesk Certified Professional in Revit for Electrical Design
- Autodesk Certified Professional in Revit for Structural Design
- C-103 Certified Industry 4.0 Associate - Robot System Operations
- Engineering Technology Foundations
- Lean Six Sigma Green Belt Certification
- Pre-Engineering/Engineering Technology - Job Ready

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Aerospace Engineers	$110,843	481	9%
Industrial Engineers	$97,074	1,263	10%
Mechanical Engineers	$91,107	1,535	11%
Chemical Engineers	$112,819	474	9%
Electrical Engineers	$98,405	1,137	105

Successful completion of the Engineering program of study will fulfill requirements of the Business and Industry or STEM endorsement if the math and science requirements are met. Revised – November 2022

Engineering Essentials (9th-10th)	ALL-YEAR	Credit: 1
Engineering Essentials is a first-exposure experience to inspire students of all backgrounds to explore the breadth of engineering-related career opportunities. Throughout the course, students explore global engineering challenges and sustainability goals, the impact of engineering, and the variety of career paths available to them. By the end of the course, students will understand the various disciplines within the engineering field and how they apply to today's world and future career opportunities, approach and solve problems in different ways including process solutions, mechanical solutions, electronic solutions, and infrastructure solutions. They will use a variety of industry tools such as geographical information system, computer-aided design, and electrical circuit simulation and build an engineering mindset and proficiency in key STEM-related career competencies including technical communication, collaboration, computational thinking, systems thinking, project management, and ethical reasoning.		
Prerequisite: None		

Introduction to Engineering Design (10th-11th)	ALL-YEAR	Credit: 1
Students are introduced to the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to develop and document design solutions using engineering notebooks and modeling software.		
Prerequisite: Engineering Essentials		

Aerospace Engineering (11th-12th)	ALL-YEAR	Credit: 1
This course deepens the skills and knowledge of an engineering student within the context of atmospheric and space flight. Students explore the fundamentals of flight in air and space as they bring the concepts to life by designing and testing components related to flight such as an airfoil, propulsion system and a rocket. They learn orbital mechanics concepts and apply these by creating models using industry-standard software. They also apply aerospace concepts to alternative applications such as a wind turbine and parachute. Students simulate a progression of operations to explore a planet, including creating a map of the terrain with a model satellite and using the map to execute a mission using an autonomous robot.		
Prerequisite: Engineering Essentials and Intro to Engineering Design		

Engineering and Design and Development (12th)	ALL-YEAR	Credit: 1
The knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.		
Prerequisite: The first three levels of the Engineering Program of Study		

Business, Marketing, and Finance Career Cluster

The Business, Marketing, and Finance Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Business Management
Statewide Program of Study

The Business Management program of study teaches CTE learners how to plan, direct, and coordinate the administrative services and operations of an organization. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, and allocate the use of materials and human resources. This program of study will also introduce students to mathematical modeling tools and organizational evaluation methods.

Secondary Courses for High School Credit

Level 1
- Principles of Business, Marketing, and Finance
- Business Information Management I

Level 2
- Virtual Business
- Business Information Management II

Level 3
- Business Management

Level 4
- Statistics and Business Decision Making

Postsecondary Opportunities

Associates Degrees
- Business Administration
- Business/Commerce
- Public Administration
- Business Management

Bachelor's Degrees
- Business Administration
- Business/Commerce
- Public Administration
- Management Science

Master's, Doctoral, and Professional Degrees
- Business Administration
- Business Management
- Public Administration
- Management Science

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
• Participate in Business Professional of America, Future Business Leaders of America, or DECA	• Intern with a local business or chamber of commerce

Industry-Based Certifications

- Microsoft Office Specialist 2016 Master
- Microsoft Office Specialist: Microsoft Access Expert (Access and Access 2019)
- Microsoft Office Specialist: Microsoft Excel Expert (Excel and Excel 2019)
- Microsoft Office Specialist: Microsoft Word Expert (Word and Word 2019)

- Microsoft Office Specialist-Excel*
- Microsoft Office Specialist-Word*

*IBC sunsetting 8/31/24

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Administrative Service Managers	$96,138	2,277	21%
Management Analysts	$87,651	4,706	32%
General and Operations Managers	$107,640	18,679	20%
Supervisors of Administrative Support Works	$57,616	14,982	20%

Successful completion of the Business Management program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022

Business Information Management I (9th-12th)	ALL-YEAR	Credit: 1
Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.		
Prerequisite: None		

Principles of Business, Marketing, and Finance (9th-12th)	ALL-YEAR	Credit: 1
In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and 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.		
Prerequisite: None		

Virtual Business (10th-12th)	SEMESTER	Credit: .5
Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating project-management skills. Students will also demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business.		
Prerequisite: None		

Business Information Management II (10th-12th)	ALL-YEAR	Credit: 1
Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.		
Prerequisite: Business Information Management I		

Business Management (11th-12th)	ALL-YEAR	Credit: 1
Students will prepare for a rapidly evolving global business environment that requires flexibility and adaptability. The primary functions of management and leadership will be analyzed. Topics will incorporate social responsibility of business and industry. Students will develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent managers, employees, and entrepreneurs.		
Prerequisite: BUSIM II		

Statistics and Business Decision Making (11th-12th)	ALL-YEAR	Credit: 1
Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions. Students will explore careers in the area of risk management and will learn to plan, monitor, and control day-to-day activities to enable continued functioning in finance. Students will analyze accounting systems to examine financial stability. Students will explain the role and impact of dividends in corporate finance. Students will access, process, maintain, evaluate, and disseminate financial information to assist decision making.		
Prerequisite: Algebra II		

Business, Marketing, and Finance Career Cluster

The Business, Marketing, and Finance Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Accounting and Financial Services
Statewide Program of Study

The Accounting and Financial Services program of study teaches CTE learners how to examine, analyze, and interpret financial records. Through this program of study, students will learn the skills necessary to perform financial services, prepare financial statements, interpret accounting records, give advice, or audit and evaluate statements prepared by others. This program of study will also introduce students to mathematical modeling tools.

Secondary Courses for High School Credit

Level 1
- Principles of Business, Marketing, and Finance
- Money Matters
- Business Information Management I

Level 2
- Accounting I
- Banking and Financial Services

Level 3
- Accounting II

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
• Participate in Business Professionals of America, Future Business Leaders of America, or DECA	• Intern with a local accounting firm • Earn Microsoft Office certifications

Industry-Based Certifications

- Accounting Foundations
- MB-920: Microsoft Dynamics 365 Fundamentals Finance and Operations Apps

Postsecondary Opportunities

Associates Degrees
- Real Estate
- Financial, General
- Financial Planning and Services
- Certified Income Specialist

Bachelor's Degrees
- Accounting
- Financial, General
- Financial Planning and Services
- Certified Income Specialist

Master's, Doctoral, and Professional Degrees
- Financial Accounting
- Business Administration
- Financial Planning

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Accountants and Auditors	$71,469	14,436	22%
Loan Officers	$68,598	2,419	19%
Personal Financial Advisors	$86,965	1,861	52%
Administrative service Managers	$96,138	2,277	21%
Insurance Underwriters	$66,206	594	14%

Successful completion of the Accounting and Financial Services program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022

TEA Texas Education Agency

Business Information Management I (9th-12th)	ALL-YEAR	Credit: 1
Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.		
Prerequisite: None		

Principles of Business, Marketing, and Finance (9th-12th)	ALL-YEAR	Credit: 1
In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and 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.		
Prerequisite: None		

Money Matters (9th-12th)	ALL-YEAR	Credit: 1
Students will investigate global economics with emphasis on the free enterprise system and its impact on consumers and businesses. Students apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to set long term financial goals based on those options. Students will determine methods of achieving long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning, and estate planning.		
Prerequisite: None		

Banking and Financial Services (10th-12th)	SEMESTER	Credit: .5
Students develop knowledge and skills in the economic, financial, technological, international, social, and ethical aspects of banking to become competent consumers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society.		
Prerequisite: Principles of Business, Marketing, and Finance		

Accounting I & II* (11th-12th)	ALL-YEAR	Credit: 1
Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.		
Prerequisite: Accounting I required for Accounting II		

Business, Marketing, and Finance Career Cluster

The Business, Marketing, and Finance Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Marketing & Sales
Statewide Program of Study

The Marketing and Sales program of study teaches CTE learners how to collect information to determine potential sales of a product or service and/or create a marketing campaign to market or distribute goods and services. Through this program of study, students will learn the skills necessary to understand and apply data on customer demographics, preferences, needs, and buying habits.

Secondary Courses for High School Credit

Level 1
- Principles of Business, Marketing, and Finance

Level 2
- Sports and Entertainment Marketing
- Virtual Business
- Marketing

Level 3
- Statistics and Business Decision Making

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
• Participate in Business Professionals of America, Future Business Leaders of America, or DECA	• Intern with a local marketing firm • Shadow a real estate agent • Operate a school store on campus

Postsecondary Opportunities

Associates Degrees
- Marketing/ Marketing Management, General
- Consumer Merchandising/ Retailing Management
- International Marketing
- Business

Bachelor's Degrees
- Marketing/ Marketing Management, General
- Business Administration
- Applied Economics
- Marketing Research

Master's, Doctoral, and Professional Degrees
- Marketing
- Business Administration
- Applied Economics
- Advertising

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Marketing Research Analysts and Marketing Specialists	$70,346	4,664	40%
Insurance Sales Agent	$43,181	5,886	30%
First-Line Supervisors of Retail Sales Workers	$72,550	2,826	15%
Wholesale and Retail Buyers	$51,106	1,229	19%

Successful completion of the Marketing and Sales program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022

Principles of Business, Marketing, and Finance (9th-12th)	ALL-YEAR	Credit: 1
In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and 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.		
Prerequisite: None		

Marketing (10th-12th)	ALL-YEAR	Credit: 1
Marketing explores the seven core functions of marketing which include: marketing planning - why target market and industry affect businesses; marketing-information management - why market research is important; pricing - how prices maximize profit and affect the perceived value; product/service management - why products live and dies; promotion - how to inform customers about products; channel management - how products reach the final user; and selling - how to convince a customer that a product is the best choice. Students will demonstrate knowledge in hands-on projects which may include conducting research, creating a promotional plan, pitching a sales presentation, and introducing an idea for a new product/service.		
Recommended Prerequisite: Principles of Business, Marketing and Finance		

Sports & Entertainment Marketing (11th-12th)	ALL-YEAR	Credit: .5
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 and management techniques.		
Recommended Prerequisite: Principles of Business, Marketing and Finance		

Virtual Business (11th-12th)	SEMESTER	Credit: .5
Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating project-management skills. Students will also demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business.		
Recommended Prerequisite: Principles of Business, Marketing and Finance		

Statistics and Business Decision Making (11th-12th)	ALL-YEAR	Credit: 1
Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions. Students will explore careers in the area of risk management and will learn to plan, monitor, and control day-to-day activities to enable continued functioning in finance. Students will analyze accounting systems to examine financial stability. Students will explain the role and impact of dividends in corporate finance. Students will access, process, maintain, evaluate, and disseminate financial information to assist decision making.		
Prerequisite: Algebra II		

Arts, Audio/Video Technology, and Communications Career Cluster

The Arts, A/V Technology and Communications (AAVTC) Career Cluster focuses on careers in designing, producing, exhibiting, pe
multimedia content including visual and performing arts and design, journalism, and entertainment services. Careers in the AAVT
aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in ora

This present

Digital Communications
Statewide Program of Study

The Digital Communications program of study explores the occupations and educational opportunities associated with the production of audio and visual media formats for various purposes, such as TV broadcasts, advertising, video production, or motion pictures. This program of study may also include exploration into operating machines and equipment to record sound and images, such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment.

Secondary Courses for High School Credit

Level 1
- Principles of Arts, Audio/Video Technology, and Communications

Level 2
- Audio/Video Production I

Level 3
- Audio/Video Production II

Level 4
- Practicum of Audio/Video Production

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
• Shadow a production team • Participate in SkillsUSA or TSA	• Intern at a local television station or video production company • Work with a local company on a project

Industry-Based Certifications

- Adobe Certified Professional in Visual Design
- Adobe Certified Professional in Visual Design Using Adobe Photoshop
- Digital Video Production Foundations

Postsecondary Opportunities

Associates Degrees
- Recording Arts Technology/Technician
- Cinematography and Film/Video Production
- Radio and Television Broadcasting Technology/Technician
- Music Technology

Bachelor's Degrees
- Recording Arts Technology/Technician
- Cinematography and Film/Video Production
- Radio and Television
- Agricultural Communication/Journalism

Master's, Doctoral, and Professional Degrees
- Communications Technology/Technician
- Cinematography and Film/Video Production
- Radio and Television
- Agricultural Communication/Journalism

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Sound Engineering Technicians	$39,562	79	27%
Camera Operators, Television, Video, and Motion Picture	$50,024	129	9%
Audio and Video Equipment Technicians	$40,581	757	29%
Film and Video Editors	$47,382	118	23%

Successful completion of the Digital Communications program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022

TEA Texas Education Agency

Principles of Arts, Audio/Video Technology, and Communications (9th-11th)	ALL-YEAR	Credit: 1
Careers in the Arts, Audio/Video Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.		
Prerequisite: None		

Audio/Video Production I (10th-12th)	ALL-YEAR	Credit: 1
Careers in audio and video technology and film production span all aspects of the audio/video communication industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.		
Recommended Prerequisite: Principles of Arts, Audio/Video Technology, and Communications		

Audio/Video Production II (11th-12th)	ALL-YEAR	Credit: 1
Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production activities. This course may be implemented in an advanced format, including both audio and video.		
Prerequisite: Audio/Video Production I		

Practicum in Audio/Video Production (12th)	ALL-YEAR	Credit: 2
Building upon the concepts taught in A/V Production II, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. Students in this class will develop advanced knowledge and skills in their chosen field of study related to audio and video production. Students develop portfolios that assist them in gaining entry level employment, earning admittance into college film/video, television/radio broadcasting and audio production programs, as well as working toward securing post-secondary scholarships. Additional time beyond regular school hours is required for productions. Material and supply fees may be required.		
Prerequisite: Audio/Video Production II		

Hospitality and Tourism Career Cluster

The Hospitality and Tourism Career Cluster focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services. Students acquire knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success.

Culinary Arts
Statewide Program of Study

The Culinary Arts program of study introduces CTE learners to occupations and educational opportunities related to the planning, directing, or coordinating activities of a food and beverage organization or department. This program of study also explores opportunities involved in directing and participating in the preparation and cooking of food.

Secondary Courses for High School Credit

Level 1
- Introduction to Culinary Arts

Level 2
- Culinary Arts

Level 4
- Food Science

Postsecondary Opportunities

Associates Degrees
- Hotel and Restaurant Management
- Restaurant Culinary and Catering Management
- Hospitality Administration/ Management, General
- Culinary Arts/ Chef Training

Bachelor's Degrees
- Hotel and Restaurant Management
- Food Service Systems Administration/ Management
- Hospitality Administration/ Management, General
- Culinary Science and Food Service Management

Master's, Doctoral, and Professional Degrees
- Hotel and Restaurant Management
- Food Service Systems Administration/ Management
- Hospitality Administration/ Management, General
- Business Administration Management, General

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
• Participate in Family, Career, and Community Leaders of America, SkillsUSA, American Culinary Federation, or the Texas Restaurant Association	• Plan a catering event or work for a catering company • Participate in a cooking course • Work in a restaurant

Industry-Based Certifications

- ServSafe Manager

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Food and Beverage Managers	$55,619	1,561	28%
Chef and Head Cooks	$43,285	1,366	25%
Food Science Technicians	$34,382	236	11%

Successful completion of the Culinary Arts program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022

Introduction to Culinary Arts (9th-10th)	ALL-YEAR	Credit: 1
The Hospitality and Tourism Career Cluster focuses on the management, marketing, and operations of restaurants and other food/beverage services. This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. It will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry-level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.		
Prerequisite: None		

Culinary Arts 1 (10th – 11th)	ALL-YEAR	Credit: 2
Culinary Arts combines science and creativity. Students will learn and demonstrate the fundamentals of cooking and baking. Students will plan, prepare and present food for a variety of events. Students will continue to learn industry standards for effective restaurant management. This course also includes management and production skills and techniques.		
Prerequisite: Intro to Culinary Arts		

Food Science I (11th-12th)	ALL-YEAR	Credit: 1
Students will investigate food science as an integral part of our daily lives. Food Science is a lab-based class where students will engage in food labs 40% of the time. 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. Students will make informed decisions using critical thinking with food as the experimental focus. Learn how to apply science in order to elevate your culinary skills. This course satisfies a high school science graduation requirement.		
Prerequisite: Three units of science, including Biology and Chemistry.		

Health Science Career Cluster

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Healthcare Therapeutic
Statewide Program of Study

The Healthcare Therapeutic program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an introduction to the opportunities associated with providing treatment and counsel to patients as well as rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.

Secondary Courses for High School Credit

Level 1
- Principles of Health Science

Level 2
- Medical Terminologyl

Level 3
- Health Science Theory
- Anatomy and Physiology

Level 4
- Practicum in Health Science

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
• Participate in SkillsUSA or Health Occupation Students of America	• Volunteer at a community wellness center, hospital, assisted living, or nursing home

Industry-Based Certification

- Certified Clinical Medical Assistant

Postsecondary Opportunities

Associates Degrees
- Dental Hygienist
- Medical/Clinical Assistant

Bachelor's Degrees
- Dental Hygienist

Master's, Doctoral, and Professional Degrees
- Dentist
- Physician Assistant
- Family and General Practitioners
- Pharmacist

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Medical Assistants	$29,598	8,862	30%
Surgical Technologists	$45,032	1,150	20%
Dental Hygienists	$73,507	1,353	38%
Physicians and Surgeons	$213,071	1,151	30%

Successful completion of the Healthcare Therapeutic program of study will fulfill requirements of a Public Service endorsement or STEM endorsement if the math and science requirements are met. Revised – August 2022

TEA Texas Education Agency

Principles of Health Science (9th-10th)	ALL-YEAR	Credit: 1
The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. (Does not count as a state science requirement.)		
Prerequisite: None		

Medical Terminology (10th-11th)	ALL-YEAR	Credit: 1
The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology and pathophysiology.		
Prerequisite: Principles of Health Science		

Health Science Theory (11th-12th)	ALL-YEAR	Credit: 1
This course is designed to develop health care specific knowledge and skills utilizing the following components; effective communications leadership, ethical and legal responsibilities, disease prevention, client care, safety, career opportunities, first aid, and CPR. Health Science prepares the student for the transition to clinical or work-based experiences in health care using classroom and pre-employment laboratory instruction.		
Prerequisite: Medical Terminology $20 Course fee required.		

Anatomy & Physiology (11th-12th)	ALL-YEAR	Credit: 1
Anatomy/Physiology is a study of the structure and function of the human body. Students will be required to fully understand all body systems at the microscopic and macroscopic level. This involves dissections of other mammalian organisms in order to better understand the correlated human systems. This course is a rigorous preparatory course designed for students interested in healthcare professions.		
Prerequisite: Biology & Chemistry		

Health Science II Practicum - Clinical Rotations (12th)	ALL-YEAR	Credit: 2
Practicum in Health Science is designed to provide for the development of multi-occupational knowledge and skills related to a wide variety of health careers. In this course students will go through clinical rotations at an area hospital or health care facility. The rotation areas will include such departments as; radiology, emergency, physical therapy, surgery, and many others. In these rotations, students observe and obtain hands-on training from health professionals in real-life experiences. **Students must provide their own transportation to clinical sites. **Students must have up to date shot records to include TB tine test within the last 3 months to attend clinical sites. Must have a copy of all shot records to the instructor prior to the beginning of rotations.		
Prerequisite: Health Science Theory, $15 Course fee required. Each site may require purchase of supplies & shots. Students will work towards a Medical Assistant Certification as part of the program.		

Law and Public Service Career Cluster

The Law and Public Service Career Cluster focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and fire and emergency services.

Law Enforcement
Statewide Program of Study

The Law Enforcement program of study teaches CTE learners about the development of, adherence to, and protection of various branches of law. Students will learn how to appropriately and legally respond to breaches in the law according to statutory rules and regulations as well as investigate how and why the breaches occurred.

Secondary Courses for High School Credit

Level 1
- Principles of Law, Public Safety, Corrections, and Security

Level 2
- Law Enforcement I

Level 3
- Law Enforcement II

Level 4
- Forensic Science

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
• Join the Texas Public Service Association or local criminal justice clubs	• Attend court hearings and other legal procedures

Industry-Based Certifications

- Non-Commissioned Security Officer Level II
- IAED Emergency Telecommunicator

Postsecondary Opportunities

Associates Degrees
- Criminal Justice/Safety Studies/Law
- Enforcement Administration
- Criminal Justice/Police Science
- Corrections
- Criminalistics and Criminal Science

Bachelor's Degrees
- Criminal Justice/Safety Studies/Law
- Enforcement Administration
- Criminal Justice/Police Science
- Juvenile Corrections
- Cyber/Computer Forensics and Counterterrorism

Master's, Doctoral, and Professional Degrees
- Criminal Justice/Safety Studies/Law
- Enforcement Administration
- Natural Resources
- Law Enforcement and Protective Services

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Police and Sheriff's Patrol Officers	$60,112	5,241	13%
Probation Officers and Correctional Treatment Officers	$44,054	793	9%
Correctional Officers and Jailers	$40,186	4,683	9%
Immigration and Customs Inspectors	$78,104	1,236	9%
First-Line Supervisors of Police and Detectives	$91,312	253	25%

Successful completion of the Law and Public Service program of study will fulfill requirements of the Public Service endorsement. Revised – August 2022

Principles of Law, Public Safety, Corrections and Security (9th-10th)	ALL-YEAR	Credit: 1
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.		
Prerequisite: None		

Law Enforcement I (10th-11th)	ALL-YEAR	Credit: 1
Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime.		
Prerequisite: Principles of Law, Public Safety, Corrections and Security		

Forensic Science (11th-12th)	ALL-YEAR	Credit: 1
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.		
Prerequisite: Biology I and Chemistry I ; Recommended prerequisite or corequisite: any Law, Public Safety, Corrections, and Security Career Cluster course		

Education and Training Career Cluster

The Education and Training Career Cluster focuses on planning, managing, and providing education and training services and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training career cluster.

Teaching and Training
Statewide Program of Study

The Teaching and Training program of study prepares CTE learners for careers related to teaching, instruction, and creation of instructional and enrichment materials. The program of study introduces CTE learners to a wide variety of student groups and their corresponding needs. It familiarizes them with the processes for developing curriculum, coordinating educational content, and coaching groups and individuals.

Secondary Courses for High School Credit

Level 1
- Principles of Education and Training

Level 2
- Human Growth and Development

Level 3
- Instructional Practices

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
• Participate in the Texas Association of Future Educators or Family, Career, and Community Leaders of America	• Teach a community education class • Intern as a teaching assistant or tutor • Serve as a camp counselor

Industry-Based Certifications

- Educational Aide I

Postsecondary Opportunities

Associates Degrees
- Teacher Education
- Education, General (or specific subject area)
- Special Education
- Health and Physical Education/Fitness

Bachelor's Degrees
- Bilingual and Multilingual Education
- Education, General (or specific subject area)
- Special Education
- Health and Physical Education/Fitness

Master's, Doctoral, and Professional Degrees
- Instruction and Learning
- Educational Leadership and Administration, General
- Special Education
- Social and Philosophical Foundations of Education

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Adult Basic and Secondary Education and Literacy Teachers and Instructors	$48,069	862	17%
Middle School Teachers, Except Special and Career/Technical Education	$54,510	6,407	15%
Career and Technical Education Teachers, Secondary School	$56,360	719	9%
Special Education Teachers, Secondary School	$56,720	980	18%

Successful completion of the Teaching and Training program of study will fulfill requirements of the Public Service endorsement. Revised – August 2022

Principles of Education and Training (9th-10th)	ALL-YEAR	Credit: 1
In Principles of Education and Training, students will explore various careers available within the Education and Training Career Cluster. By using self-knowledge as it relates to educational and career information, students will analyze various careers within the Education and Training Career Cluster and develop a graduation plan that leads to a specific career choice in the student's interest area.		
Prerequisite: None		

Additional CTE Courses

Lifetime Nutrition & Wellness (9th-12th)	SEMESTER	Credit: .5
Lifetime Nutrition & Wellness engages students in healthy living principles. Students will learn food preparation techniques for a variety of foods which will allow them to effectively plan and prepare meals. Students will learn nutrition, food budgeting, resource management, meal service, food and nutrition related careers as well as employability skills. Students will be empowered to lead healthy lives and be food wise.		
Prerequisite: None *$25 lab fee required.*		

PHYSICAL EDUCATION

REQUIRED: One credit of physical education or the equivalent.

The following activities are considered the equivalent to physical education. These will be counted as state credits:

Athletics – 4 credits
External PE – 4 credits
Cheerleading – 1 credit
Marching Band – 1 credit (.5 during Marching Season in 9th & 10th grades)
Drill Team I - 1 credit

Outdoor Education I & II (9th-12th)	SEMESTER	Credit: .5-1
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.		
Prerequisite: None		

Athletics - Boys I, II, III, IV & Girls I, II, III & IV	ALL-YEAR	Credit: 1
Football, Volleyball, Cross Country, Track, Boys Basketball, Girls Basketball, Wrestling, Boys Golf, Girls Golf, Boys Soccer, Girls Soccer, Baseball, Softball, Boys Tennis, Girls Tennis.		
Prerequisite: Tryouts required		

Cheerleading (9th-12th)	ALL-YEAR	Credit: 1
This course includes learning and practicing cheerleading skills and stunts for athletic events and UIL competition and includes training in various areas of rhythms, gymnastics, and tumbling. *Selection by tryouts and judging.*		
Prerequisite: None *1st year satisfies 1.0 credit of PE-State Credit. 2nd, 3rd & 4th only receive Local Credit.*		

Aerobic Activities/Dance (9th-12th)	ALL-YEAR	Credit: 1
Students in aerobic activities are exposed to a variety of aerobics that promote health-related fitness. This course counts as a physical education credit for graduation.		
Prerequisite: None		

External PE I, II, III & IV (9th-12th)	SEMESTER	Credit: .5-1
Course requirements must be met for acceptance. See External PE Coordinator or the Argyle ISD Website for application. An administrative fee will be charged by semester.		
Prerequisite: ***Students must complete and submit an application for approval.***		

PE - Foundations of Personal Fitness (9th-12th)	SEMESTER	Credit: .5-1
In Physical Education, students acquire the knowledge and skills for movement that provides the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle.		
Prerequisite: None		

Individual & Team Sports (9th-12th)	SEMESTER	Credit: .5-1
This course includes the basic skills, rules, and offers participation through practice and tournament play in various team sports. Activities may include the sports of flag football, volleyball, basketball, soccer, softball, and track & field, as well as various indoor and outdoor games. The course will include a unit on personal fitness.		
Prerequisite: None		

FINE ARTS

Required for all plans: One credit
Credit may be taken in the area of Art, Music or Theatre.

Art I – Introduction to 2 & 3 Dimensional Design (9th-12th)	ALL-YEAR	Credit: 1
This is a beginning two semester course designed to introduce the student to the elements and principles of design through work with a variety of media and techniques. Development of the student's abilities to make critical judgments about art is addressed and understanding and appreciation of the influences of art from other times and cultures are also developed. The first course should be a prerequisite for further study.		
Prerequisite: None (Purchase art supplies)		

Art II - Drawing (10th-12th)	ALL-YEAR	Credit: 1
This course is designed to help build critical skills that support theme-based artistic practices and build confidence in incorporating modern and contemporary art into a variety of thematic units. By addressing themes and questions that arise in relation to modern and contemporary art, the course will help students to think creatively and tap into students' knowledge and life experience. In this course, students will explore a variety of themes. Students will… - Explore works of modern and contemporary art through a variety of themes that relate to classroom content and student experience. - Research artists and discover their ideas and processes. - Learn about the ways that a thematic approach supports interdisciplinary art and learning. A variety of techniques are used in drawing with pencil, ink, charcoal, and pastel to create artworks within each thematic unit.		
Prerequisite: Art I (Purchase art supplies)		

Art II - Sculpture (10th-12th)	ALL-YEAR	Credit: 1
This course is designed to help build critical skills that support theme-based artistic practices and build confidence in incorporating modern and contemporary art into a variety of thematic units. By addressing themes and questions that arise in relation to modern and contemporary art, the course will help students to think creatively and tap into students' knowledge and life experience. In this course, students will explore a variety of themes. Students will… - Explore works of modern and contemporary art through a variety of themes that relate to classroom content and student experience. - Research artists and discover their ideas and processes. - Learn about the ways that a thematic approach supports interdisciplinary art and learning. Some of the processes covered are assemblage, carving, casting, and relief sculpture. Materials commonly used are wire, plaster, wood, clay and metal.		
Prerequisite: Art I (Purchase art supplies)		

Art II - Painting (10th-12th)	ALL-YEAR	Credit: 1
This course is designed to help build critical skills that support theme-based artistic practices and build confidence in incorporating modern and contemporary art into a variety of thematic units. By addressing themes and questions that arise in relation to modern and contemporary art, the course will help students to think creatively and tap into students' knowledge and life experience. In this course, students will explore a variety of themes. Students will… - Explore works of modern and contemporary art through a variety of themes that relate to classroom content and student experience. - Research artists and discover their ideas and processes. - Learn about the ways that a thematic approach supports interdisciplinary art and learning. Acrylic, watercolor, and tempera paints along with many techniques, are utilized to help all ability levels create a variety of realistic and abstract projects.		
Prerequisite: Art I (Purchase art supplies)		

Art II - Printmaking Basics (10th-12th)	ALL-YEAR	Credit: 1
This course introduces students to the contemporary term "Print Media". This term extends from block print and collagraph to bookbinding, lettering and layout techniques. Students will be guided through a structural program which includes historical, cultural and conceptual aspects of printmaking. This study will enable the student to recognize the major printing and layout techniques and traditional techniques for the production and dissemination of ideas. Basic elements of Art and principles of design will be stressed within printed compositions. A variety of printmaking techniques will be utilized.		
Prerequisite: Art I (Purchase art supplies)		

Art III – Drawing (10th-12th)	ALL-YEAR	Credit: 1
Art level 3 is a non-instructional, syllabus-based, self-motivated course. Artists build on skills and terminology learned in previous courses. Most work is completed outside the classroom setting. Class time is devoted to instructor and peer critique, consultation, and with written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.		
Prerequisite: Art II - Drawing (Purchase art supplies)		

Art III – Sculpture (11th-12th)	ALL-YEAR	Credit: 1
Art level 3 is a non-instructional, syllabus-based, self-motivated course. Artists build on skills and terminology learned in previous courses. Most work is completed outside the classroom setting. Class time is devoted to instructor and peer critique, consultation, and with written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.		
Prerequisite: Art II – Sculpture (Purchase art supplies)		

Art III - Painting (11th-12th)	ALL-YEAR	Credit: 1
Art level 3 is a non-instructional, syllabus-based, self-motivated course. Artists build on skills and terminology learned in previous courses. Most work is completed outside the classroom setting. Class time is devoted to instructor and peer critique, consultation, and with written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.		
Prerequisite: Art II- Painting (Purchase art supplies)		

Art III - Printmaking (11th-12th)	ALL-YEAR	Credit: 1
Exploration of ideas using various printmaking media and techniques. This course builds upon Basic Printmaking fundamentals and introduces additional print processes and combinations of those processes to allow individual expression.		
Prerequisite: Art II - Printmaking Basics (Purchase art supplies)		

Art IV - Drawing (11th-12th)	ALL-YEAR	Credit: 1
Art level 4 is a non-instructional, syllabus-based, self-motivated course. Artists build on skills and terminology learned in previous courses to work their way through thematic units. Much of the work will be developed outside of the classroom setting. Artists create a portfolio of work to be submitted to the Fine Arts Department at the end of the course. Class time is devoted to instructor and peer critique, consultation, and written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.		
Prerequisite: Art III -Drawing (Purchase art supplies)		

Art IV - Printmaking (11th-12th)	ALL-YEAR	Credit: 1
Art level 4 is a non-instructional, syllabus based, self motivated course. Artists build on skills and terminology learned in previous courses to work their way through thematic units. Much of the work will be developed outside of the classroom setting. Artists create a portfolio of work to be submitted to the Fine Arts Department at the end of the course. Class time is devoted to instructor and peer critique, consultation, and written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.For submission in AP Studio Art: 2-D Design Portfolio Exploration of ideas using various printmaking media and techniques. This course builds upon Printmaking I fundamentals and Printmaking III.		
Prerequisite: Art III – Printmaking (Purchase art supplies)		

Art IV - Painting (11th-12th)	ALL-YEAR	Credit: 1
Art level IV is a non-instructional, syllabus-based, self-motivated course. Artists build on skills and terminology learned in previous courses to work their way through thematic units. Much of the work will be developed outside of the classroom setting. Artists create a portfolio of work to be submitted to the Fine Arts Department at the end of the course. Class time is devoted to instructor and peer critique, consultation, and written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.		
Prerequisite: Art III - Painting (Purchase art supplies)		

Art IV - Sculpture (11th-12th)	ALL-YEAR	Credit: 1
Art level IV is a non-instructional, syllabus-based, self-motivated course. Artists build on skills and terminology learned in previous courses to work their way through thematic units. Much of the work will be developed outside of the classroom setting. Artists create a portfolio of work to be submitted to the Fine Arts Department at the end of the course. Class time is devoted to instructor and peer critique, consultation, and written statements generated by the artist. Syllabus and sketch or journal assignments are provided each grading cycle with deadlines established.		
Prerequisite: Art III - Painting (Purchase art supplies)		

AP Studio Art: Drawing Portfolio* (11th-12th)	ALL-YEAR	Credit: 1
The Drawing Portfolio is designed to address a very broad interpretation of drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. Abstract, observational, and inventive works may demonstrate drawing competence. The range of marks used to make drawings, the arrangement of those marks, and the materials used to make marks are endless.		
Recommended Prerequisite: Art I, II, III and discussion with the visual art teacher about course expectations (Purchase art supplies)		

AP Studio Art: 2-D Design Portfolio* (11th-12th)	ALL-YEAR	Credit: 1
This portfolio is intended to address two-dimensional (2-D) design issues. Design involves purposeful decision making about how to use the elements and principles of art in an integrative way. The principles of design (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale, figure/ground relationships), articulated through the visual elements (line, shape, color, value, texture, space), help guide artists in making decisions about how to organize the elements on a picture plane in order to communicate content. Good design is possible whether one uses representational, abstract, or expressive approaches to making art. For this portfolio, students are asked to demonstrate mastery of 2-D design through any two dimensional medium or process, including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking. Videotapes, three-dimensional works, and photocopies of a student's work in other media may not be submitted.		
Recommended Prerequisite: Art I, II, III and discussion with the visual art teacher about course expectations (Purchase art supplies)		

AP Studio Art: 3-D Design Portfolio* (12th)	ALL-YEAR	Credit: 1
The AP Studio Art course is designed to allow students to create a collection of works that show an investigation of the three aspects of the AP Portfolio. Students will exhibit a mastery of concepts, techniques, and ideas used to develop their portfolio. The three sections of the portfolio are Concentration, Breadth and Quality. In the first week of the course all three sections are described and discussed for clarification. Sketch assignments are given throughout each grading period that may be used as ideas for the breadth section of the portfolio. Students will begin to develop a theme for the concentration section by the end of the first grading period.		
Recommended Prerequisite: Art I, II, III and discussion with the visual art teacher about course expectations (Purchase art supplies)		

AP Art History* (11th-12th)	ALL-YEAR	Credit: 1
This course is open to only juniors and seniors. It is a rigorous college level course designed to explore and analyze architecture, sculpture, painting, and the minor arts as they relate to styles and cultures from ancient times to the present. Through readings, research, slides, videos, presentations and projects, students will view significant artworks from around the world. Writing skills will be important in the description, analysis, and comparison of these works. Students are encouraged to keep a notebook to record class discussion on significant historical events, art periods/styles, specific artworks, and issues/themes that connect these artworks. This course will be structured around the big ideas and essential questions of the AP Art History Course and Exam Description. All content meets the requirements as stated in the AP art history exam brochure and website.		
Prerequisite: None		

Band I-IV (9th-12th)	ALL-YEAR	Credit: 1
Bands I-IV are designed to serve as an opportunity for students to participate in an instrumental music ensemble. All levels of student instrumental proficiency are addressed from an introductory class of basic skills in band to delving into the finer points of ensemble playing requiring an extremely high level of proficiency on the student's instrument. Students will receive a high amount of individualized attention that will focus on developing the student's playing skills necessary for success in high school band. Students are encouraged to participate in all-region auditions in the fall and region solo and ensemble competition in the spring. There are several additional performance opportunities, both individually and collectively in which the students will be encouraged to participate. Students are also required to enroll in band for the full school year and participate in all extracurricular activities related to the marching band.		
Prerequisite: Teacher approval		

Choir I-IV (9th-12th)	ALL-YEAR	Credit: 1
An intermediate curriculum for the study of choral music, sight singing, and vocal technique is offered at this level. Performances at UIL and TMEA are an expected part of this course. Graded performances and rehearsals outside of the school day are an expectation for this course.		
Prerequisite: None		

Dance I (9th-12th)	ALL-YEAR	Credit: 1 *
Dance is a broad overview of dance as an art form. This course introduces students to practices, philosophies, terminologies and various styles of dance through movement. Students will study basic choreographic elements and principles and will have the opportunity to perform.		
Prerequisite: None		

Dance II-IV(10th-12th)	ALL-YEAR	Credit: 1
Dance is a broad overview of dance as an art form. This course introduces students to practices, philosophies, terminologies and various styles of dance through movement. Students will study basic choreographic elements and principles and will have the opportunity to perform.		
Prerequisite: Dance I		

Drill Team I-IV (9th-12th)	ALL-YEAR	Credit: 1
The Drill Team is the varsity dance team that serves the school and community. It encourages high academic standards and strong personal qualities. The Drill Team performs at school functions, competitions, and dance productions. Tryouts are required.		
Prerequisite: Audition required		

Tech Theatre I (10th-12th)	ALL-YEAR	Credit: 1
Students will gain foundational knowledge of technical theatre, including theatre vocabulary, types of theatre spaces, parts of the stage, the elements and principles of design, research and design projects, reading and viewing productions, etc. This is a hands-on course in which the students will be drawing, coloring, painting, building props/costumes and other hands-on projects. Will not be working in the scene shop.		
Prerequisite: None		

Tech Theatre II, III, IV (10th-12th)	ALL-YEAR	Credit: 1
Students will learn every aspect of technical theatre, including shop work, lights, sound, costumes, and props. This is a hands-on course in which the students will be interacting with technical theater equipment including drills, saws, paint, and electrics to design and construct sets for upcoming productions. REQUIRES after school time		
Prerequisite: Theatre I or Tech Theatre I, and teacher approval.		

Theatre Arts I (9th-12th)	ALL-YEAR	Credit: 1
An introductory course to theatrical skills and performance with emphasis on pantomime, stage movement, oral interpretation, acting and theatre heritage. Theatre Arts I students will study the cultural contribution of theatre, its structure, the play, and its performance. Enrollment in the course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.		
Prerequisite: None		

Theatre Arts II, III, IV (9th-12th)	ALL-YEAR	Credit: 1
Offered to students who want to further their theatrical skills through work in acting, directing, and theatre heritage. Basic principles of production are studied and applied through performances in various theatrical applications. Enrollment in the course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.		
Prerequisite: Theatre I		

Theatre Production I, II, III, IV (9th-12th)	ALL-YEAR	Credit: 1
Offered to students who audition and will continue the study of theatre with greater emphasis on the historical evolution and cultural contributions of Theatre, production styles, and performance. Students study basic components of production and apply them through performance. Commitment to all Fall and Spring productions is mandatory (i.e. Musical, Fall Show, One Act Play). This means there will be after school rehearsals and crew work to attend. Enrollment in the course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.		
Prerequisite: Audition		

Musical Theatre I, II & III (9th-12th)	ALL-YEAR	Credit: 1
This 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. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. Enrollment in the course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.		
Prerequisite: Audition required		

Music Theory AP* (11th-12th)	ALL-YEAR	Credit: 1
This course introduces the student to first-year college music theory that includes musicianship, theory, musical materials, and procedures. It will integrate the 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 considered an important part of the theory course. The student's ability to read and write musical notation is fundamental to the course. It is also strongly recommended that the student will have acquired at least basic performance skills in voice or on an instrument. This course is a self-motivated class and will require daily note taking and neat handwriting skills. Students are expected to take the AP Music Theory Exam in May in efforts of earning a score of 3 – 5, which will yield credit towards music theory college courses.		
Prerequisite: None		

OTHER ELECTIVES

Sports Medicine I, II & III (9th-12th)	ALL-YEAR	
This class is an introduction to athletic training and will cover basic first aid, injury management, taping techniques, and training room procedures along with practical hands-on application in the following areas: prevention, treatment, and rehabilitation of sports injuries, first aid/CPR and emergency procedures. Students will need to attend practices and games in order to meet class requirements.		
Prerequisite: ***Instructor approval***		

PEER ASSISTANCE AND LEADERSHIP TRAINING (PAL I) (11th-12th)	ALL-YEAR	Credit: 1
The Peer Assistance and Leadership Training Program will address two groups: (1) high school students who will work as peer facilitators with students on their own campus as well as with elementary and middle school students from the feeder schools; and (2) the recipients of the services. Curriculum for PAL peer helpers will include the development of knowledge and skills in social and listening skills, confidentiality and liability issues, group dynamics, communication skills, helping and facilitating strategies, decision-making and problem solving skills, conflict resolution, peer pressure reversal, and dealing with grief and loss.		
Prerequisite: ***Nomination, Application, Recommendation, Interview***		

Student Leadership I (9th-12th)	ALL-YEAR	Credit: 1
This course provides opportunities to study, practice and develop group and individual leadership and organizational skills. These skills include decision-making skills, problem solving techniques, communication skills, leadership roles, human relation skills and understanding the need for civic responsibility. Students enrolled in the course will apply these skills in dealing with peers, school administration and the community. This course is available to all high school students. The course can be customized to meet the needs of a Student Council, but is also adaptable to a broader student population.		
Prerequisite: None		

LAGRONE ADVANCED TECHNOLOGY COMPLEX

Argyle High School students are eligible to attend classes at the LaGrone Advanced Technology Complex in Denton. Please contact your counselor for more information.

For more information: www.dentonisd.org/dentonatc

LaGrone Advanced Technology Complex
1504 Long Rd
Denton TX, 76207
(940) 369-4850