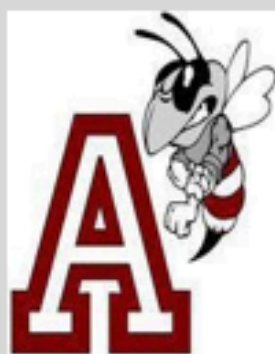
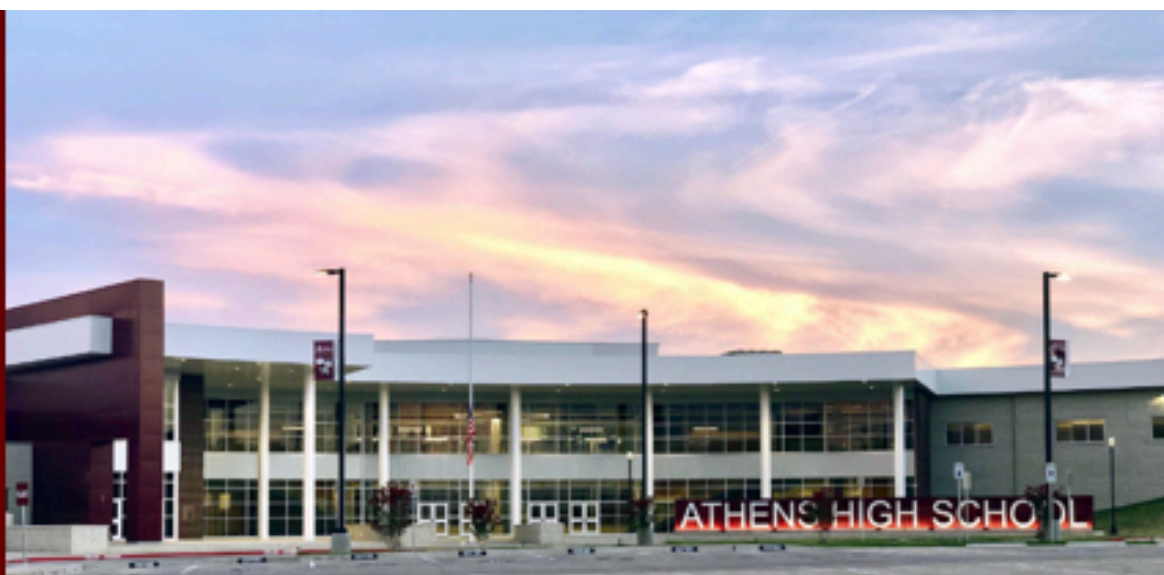


2026



2025



Athens High School's

2025-2026

Academic Handbook

Athens Independent School District

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Deputy Superintendent of Schools

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Director of Secondary Curriculum and Instruction, UIL District Coordinator

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Tony Sikes..... Dean of PINNACLE Early College High School,

Assistant Principal

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.....Assistant Principal

Miles

Brown.....

.....AssistantPrincipal

Zach

Tappan.....

.....CTE Coordinator

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Functional Education

Cinda Warren.....Counselor,
11th Grade, Dual Credit

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Hope.....Counselor,
9-10th Grades

Julie Fowler.....Counselor, 9-12th Grades,
PINNACLE ECHS Jennifer
Nicholson.....PINNACLE
LE/TVCC Liaison

Sarah

Davidson.....
.....Diagnostician

Leslie

Bell.....
.....Registrar

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PUBLIC NOTIFICATION OF NONDISCRIMINATION

It is the policy of the Athens Independent School District not to discriminate on the basis of race, color, national origin, sex, or handicap in its programs, services, or activities 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. The Athens Independent School District will take steps to assure that the lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Athens ISD Title IX Coordinator, Dr. Janie Sims, and Section 504 Coordinator, Lindsay Conner, 104 Hawn Street, Athens, Texas, (903)677-6900.

SCHEDULING INFORMATION

All students, grades 9-12, must carry a full load of assigned classes. Since the number of sections needed for each course will be determined from pre-enrollment choices, make deliberate requests when inputting schedule requests on the computer.

Schedule changes will be made in courses in the following cases

- Failure of a required course
- Failure of an End of Course Assessment
- Summer course completion
- Class balancing
- Staff changes
- Change in course offering
- Graduation requirements
- Endorsement decision

Failure to complete course selection activities or computer entry of course requests will not be a valid reason for requesting a schedule change or correction. It is the student's responsibility to complete the course selection process before the deadline. After that time, counselors will assign courses based on graduation requirements and available classes for students who do not complete course selection activities or computer entry of course requests.

REQUEST FOR TEACHERS

A parent/guardian may request a change of instructor. All teacher changes require administrative approval. Before a teacher change request is made, the parent/guardian must schedule and attend a parent/teacher conference. If, after meeting with the teacher, the change is still desired, the parent/guardian should contact a campus administrator. Requests may be denied due to teacher availability and class size.

CREDIT REQUIREMENT INFORMATION

In compliance with the laws of the state of Texas, the Athens Independent School District curriculum is organized on a semester system. Athens High School's day is organized on a schedule offering a potential of eight (8) credits per year.

For students entering grade 9 in 2014-15 and beyond, HB 5(House Bill 5) the following credits are required for graduation:

- *Foundation High School Program – 22*
- *Foundation High School Program with endorsement – 26 with a minimum of one of the following endorsements*
- *Distinguished Level of Achievement – 26, must include Algebra II, with a minimum of one of the following endorsements:*
 - *STEM*
 - *Business and Industry*
 - *Arts and Humanities*
 - *Public Service*
 - *Multidisciplinary Studies*

For students entering grade 7 in 2010-11 and beyond, instruction in Cardiopulmonary Resuscitation (CPR) is required.

For students entering grade 9 in 2018-19 and beyond, instruction on proper interaction with peace officers is required.

Additionally, Athens High School students are required to enroll and earn credit in Algebra II. Algebra II is required for Top 10% senior graduation recognition.

A credit is a unit value given to each high school class taken and passed. Credits are awarded at the end of each semester except when taken prior to ninth grade in which case they will be awarded after completion of the eighth grade. When a local credit is earned in a course, the credit must be in addition to the total numbers of credits required for graduation by the Texas Education Agency. Credit will be determined by semester averages. In a one-credit course, for example, English I, first and second semesters will be averaged together for a final grade. If the final grade is 70 or more, one credit will be awarded. In a ½ credit course, for example government, credit will be determined by the semester average, with 70 or more earning ½ credit.

FAFSA/TASFA REQUIREMENT

Texas Education Code states that starting with the 2021–22 school year, potential graduates must take one of the following actions to graduate:

- Complete and submit the Free Application for Federal Student Aid (FAFSA)
- Complete and submit the Texas Application for State Financial Aid (TASFA)
- Submit a signed opt-out form* *

Note: Under certain conditions, students can choose to decline the graduation requirement by submitting a signed opt-out form..

Financial aid is money to help pay for college or training after high school. By submitting the FAFSA or the TASFA, students can get financial aid for the upcoming school year. Even if your student isn't sure about attending college or feels the family income is too large, completing an application leaves the door open for this decision later in the year and for money the student isn't expecting. Many scholarship applications require that the FAFSA has been completed and submitted..

CLASSIFICATION REQUIREMENTS

Student classification will be determined at the beginning of the fall semester of the current school year. Only state credit courses will be included in the classification. Grade classification will not be changed during the school year. The only exception will be made for graduating juniors who will be reclassified at mid-term of the year of graduation.

The following credits are required for classification:

- *Sophomores: completed at least one year of high school and have a minimum of six (6) credits*
- *Juniors: completed at least two years of high school and have a minimum of twelve (12) credits*
- *Seniors: completed at least three years of high school and have a minimum of eighteen (18) credits*

ATTENDANCE REQUIREMENTS INFORMATION

Students must attend 90% of all classes according to Texas state law in order to receive credit for each class. Failure to do so will result in loss of course credit. In order to receive credit, retaking the course is required. Students with attendance concerns need to contact the assistant principal's office. The attendance committee will consider options on an individual basis.

GRADES

The district grading policy can be located here: [Student Handbook](#).

TRANSFER STUDENTS

Only an out of state transfer course which receives credit for a grade below 70 will be recorded as a grade of 70 on the AHS transcript. All transfer students will receive the credit awarded by a transferring accredited district. Letter grades receiving credit in any other district shall be converted to numerical grades according to the following schedule regardless of the value assigned in the student's previous district:

A+ = 98	B+ = 88	C+ = 78	D+ = 70	F=50
A = 95	B = 85	C = 75	D = 70	P=70 unless official numeric documentation is provided
A- = 92	B- = 82	C- = 72	D- = 70	

COLLEGE VISITS

Students may be allowed to take college visits under the following conditions:

- o Maximum of 4 days for visits during the junior or senior year
- o Prior approval and completion of college visit form by campus principal (available in attendance office)
- o Signed document from college as proof of visit to AHS.

AISS EARLY COLLEGE HIGH SCHOOL

PINNACLE EARLY COLLEGE HIGH SCHOOL

Participating In Novel Networking and Challenging Learning Experiences

Athens ISD and Trinity Valley Community College (TVCC) have partnered to offer an early college high school experience to AHS students. The students participating in this program attend classes at TVCC and at AHS. Upon completion of the four year experience, these students will earn a high school diploma and may earn an associate's degree at no expense to the student or family. Students enter the program as incoming freshmen and must apply during the 8th grade year to gain acceptance into the program. Students enrolled in PINNACLE follow the same grading guidelines as AHS, including rank and GPA.

COLLEGE FOR ALL

All Athens High School students will have access to dual credit coursework at minimal cost to the student. When funds and grants are available, Athens High School may pay for courses taken at the TVCC campus for all approved Core Curriculum courses (see table in appendix). College textbooks are not provided by AISD and are the responsibility of the student. Students who drop, fail, or whose instructor drops the student from a course must repay all tuition and fees to Athens High School. Enrollment in future coursework is contingent on the repayment by the students of any tuition or fees paid by Athens ISD on the student's behalf.

ALTERNATIVE METHODS OF EARNING HIGH SCHOOL CREDIT

All AHS students must have prior written approval from a principal to have earned credits (taken off of the AHS campus) posted to his/her transcript.

o DISTANCE LEARNING

Per AISD board policy EHDE Legal, Athens High School accepts distance learning or correspondence credit from Texas Tech University, the University of Texas at Austin, and other public institutions of higher education approved by the commissioner.

o CREDIT BY EXAMINATION

In accordance with Education Code 28.02319TAC 74.24, Athens ISD offers credit by examination (CBE). The examination score(s) shall be placed on the student's permanent record only if credit is awarded. Student must earn a 70 or higher to receive credit by exam. Credit by examination may not be used to gain eligibility for

participation in extracurricular activities. Grades earned through credit by examination will be included in GPA and class rank according to current AISD policy. See *Class Ranking and Academic Achievement Information*.

o **CREDIT RECOVERY**

AHS offers credit recovery to students in at-risk situations. Grades earned through credit recovery will be included in GPA and class rank according to current AISD policy. See “Class Ranking and Academic Achievement Information.”

o **DUAL CREDIT**

Dual credit is when a student takes a college course that also counts as high school credit. AHS partners with TVCC to offer this opportunity for students. Please refer to the TVCC information under the heading “*Dual Credit through Trinity Valley Community College*.”

o **HOMESCHOOL/UNACCREDITED PRIVATE SCHOOL**

Students enrolling from home school or an unaccredited private school are given probationary grade placement. It is the student’s and parent/guardian’s responsibility for initiating placement testing to be completed during the semester enrolled. If credits are not received through testing within the end of the semester enrolled, the student will be placed according to credits received by the AHS registrar and accepted according to AHS policy. Students must show documentation of courses that have been taken at his/her home school or unaccredited private school. To receive credit by testing for courses taken, appropriate assessment(s) may be purchased from Texas Tech University. In order to receive credit for each course, a CBE grade of 70 or higher must be achieved. The student will test within the semester enrolled. This grade will be recorded as the course grade on the student’s academic achievement record and be included in their GPA and rank according to district policy.

o **SUMMER SCHOOL**

A student may earn credits through enrollment in AISD summer school or another state-approved summer school session. Students must receive prior approval to take summer school courses outside of Athens ISD.

ALTERNATIVE METHODS OF EARNING COLLEGE CREDIT

o **ADVANCED PLACEMENT PROGRAM**

The College Board Advanced Placement Program (AP) is a nationally recognized program for introducing students to college-level work while they are still in high school. Students who enroll in higher-level academic courses identified as AP may be eligible to receive college credit based on national AP examination performance. Colleges and universities vary in their policies regarding AP performance standards. Students should check individual university websites to see what scores earn college credit through AP exams.

Athens ISD will take reasonable steps to provide trained instructors in designated content areas:

- | | |
|-----------------------|------------------------------|
| Art History | European History |
| Art Studio Drawing | Human Geography |
| Biology | Macroeconomics |
| Calculus | Physics |
| Chemistry | Statistics |
| English Language | U.S. Government and Politics |
| English Literature | U.S. History |
| Environmental Science | World History |

Test administration will occur in May of each year according to the College Board AP calendar of test dates. Test information will be disseminated in time to afford all participating students an opportunity to plan for testing. Students must take the AP test to receive Level 1 weighted grade points.

ADVANCED PLACEMENT AND HONORS COURSE PLACEMENT PREREQUISITES

Honors course:

- o In the preceding school year- have passed state mandated test in that content area with an ($= > 85\%$) raw score
- o Principal and/or teacher recommendation

Advanced Placement (AP) course:

- o In the preceding school year-have passed state mandated test in that content area with an ($= > 85\%$) raw score, including a score of (3 or $>$) on the English writing portion
- o Maintain at minimum an 80 average the previous year in the content area, without any weighted points
- o Should a student fail to meet the above criteria, the student may be admitted with approval from the principal

Removal for Failure

- o Students who fail an AP or Pre-AP class for the 9 weeks will be placed on probation for the remainder of the year in that class. If the student fails that class another 9 weeks during the school year, he/she may be removed from the class
- o Students who are removed from an AP or Pre-AP class at the end a nine weeks grading period, will have their grades elevated by the same number of points that the class is weighted. Example: A student is removed from Algebra 2 Pre-AP (Level 2 Class) with a 60 average. In accordance to the AHS Grade Conversion Table in the AHS Academic Handbook, the student's grade will be elevated to 66 upon removal

AP Program Notes:

- o Students enrolled in AP courses will be required to take the AP Exam for that corresponding course if the student wishes to receive Level 1 weighted grade points. Any student who chooses to not attempt the exam will forfeit one level of GPA weight and revert back to Pre-AP GPA weight for the calculation of class ranking and GPA.
- o Students enrolling in AP Classes should expect the possibility of summer required reading, writing, labs, work packets, and mini- seminars leading into the regular school year of study.

CREDIT BY EXAMINATION

Credit by examination (CBE) taken at a college or university offers students an opportunity to demonstrate college-level knowledge and earn college credit by examination or by petitioning a college or university for credit after documentation of appropriate experience. Students demonstrate knowledge by taking College Board CLEP exams (academic courses) or college or university departmental exams (academic and technical courses). The calculation of class rank shall exclude grades earned by credit by examination, with or without prior instruction, and in core courses substituted for physical education. Contact the Principal at AHS.

DUAL CREDIT THROUGH TRINITY VALLEY COMMUNITY COLLEGE

Dual credit guidelines are as follows:

- o The student must first meet the requirements for admission to Trinity Valley Community College (TVCC), including testing, and then register for the dual courses with the AHS dual credit coordinator/counselor.
- o One TVCC course must be scheduled during the corresponding AHS class meeting times to be released from campus.
- o For classes taken off campus, proof of college enrollment that includes the specific course taken for dual credit during the TVCC release periods will be reported to the counselor's office and included on the student's AHS schedule.
- o Athens High School students will be allowed to take classes on the TVCC campus only if the classes at TVCC do not conflict with classes on the AHS campus.
- o Non-attendance and/or dropping a class during release periods necessitates rescheduling one course per period on the AHS campus. The student must obtain a change of status form and approval from the counselor in order to drop a class.

- **Dropping and/or failing a class will incur repayment of all tuition and fees and will only be allowed with prior approval of an AHS administrator or designee. Enrollment in future coursework is contingent on the repayment by the student of any tuition or fees paid by Athens ISD on the student's behalf.**
- If a student drops a course in the same semester, the student will enroll in an alternate format of the closest equivalent course. The entire course must be completed to earn the high school credit attempted.
- All dual credit courses taken will be recorded on the student transcript. TVCC will report numerical grades to AHS which will be recorded on the transcript and included in rank and GPA according to policy.
- For dual credit classes that are dropped, a WDD (withdrawal dual) will be recorded on the high school transcript.
- Students must receive a grade of "C" or higher on their college transcript to receive high school credit for the course.
- **College textbooks are not provided by AISD and are the responsibility of the student.**

Due to TEA regulations, students in dual credit classes must be present during the Athens High School instructional calendar. If TVCC is not in session or the student does not have a class period due to the alternating college class times, the student must still attend Athens High School for TEA attendance purposes. Students shall be enrolled in a Dual Credit Readiness course during the offset time periods.

GRADUATION PLANS

In order to participate in commencement exercises, students must complete all course, attendance, and testing requirements plus any additional graduation requirements mandated by TEA. . Texas State Graduation Requirements for Students Entering Grade 9 in 2014-2015 and beyond can be found in the Texas Education Code Chapter 74. Curriculum Requirements Subchapter B. Graduation Requirements Statutory Authority: The provisions of this Subchapter F issued under the Texas Education Code, §§7.102(c)(4), 28.002, and 28.025(a), unless otherwise noted.

§74.61. High School Graduation Requirements

HOUSE BILL 5 GRADUATION REQUIREMENTS

To receive a high school diploma, a student entering grade 9 in the 2014-2015 school year and thereafter must complete the following:

- 1) Curriculum requirements for the Foundation High School Program
- 2) Curriculum requirements for at least one endorsement
- 3) All testing requirements
- 4) .5 credit in speech/professional communications
- 5) .5 credit in health
- 6) 1.0 credit in Algebra II
- 7) .5 credit in interpersonal studies (local requirement)
- 8) .5 credit in college & career readiness (local requirement)
- 9) 1.0 credit in Pathways Beyond AHS (local requirement)

A student may earn a distinguished level of achievement by successfully completing the curriculum requirements for the Foundation High School Program and the curriculum requirements for at least one endorsement required by the Texas Education Code including four credits in science and four credits in mathematics to include Algebra II.

STAAR END OF COURSE ASSESSMENTS

Students must pass End of Course Exams in English I, English II, Algebra I, biology, and U.S. history. If a student fails an EOC exam, the student will be enrolled in an intervention class regardless of earned credit in the EOC subject.

Seniors who owe STAAR after the December retest may not receive scores in time to participate in commencement ceremonies.

EARLY GRADUATION

A parent is entitled to request, with the expectation that the request will not be unreasonably denied, that the parent's child be permitted to graduate from high school earlier than the child would normally graduate, if the child completes each course required for graduation. The decision of a board concerning the request is final and may not be appealed. Education Code 26.003(a)(3)(C), 26.003(b).

The deadline for applying for early graduation is the spring campus course registration deadline in the year prior to the requested early graduation date. If hoping to graduate at the end of the junior year, the application must be submitted the spring of the sophomore year; if hoping to graduate after the 7th semester, the application must be submitted the spring of the junior year. Applications are available during spring course registration and/or from your counselor.

Early graduates:

- will not be eligible for recognition as Valedictorian or Salutatorian.
- will be ranked in the class in which he/she graduates.
- may participate in graduation ceremonies with the class in which he/she graduates if
 - State graduation requirements are met
 - Local graduation requirements are met, and
 - State testing graduation requirements are met

EXCHANGE STUDENT PROGRAM

Exchange students are accepted for enrollment if sponsored by programs recognized in the National Advisory list of the National Association of Secondary School Principals. Exchange Students must be approved by the campus principal prior to enrollment at AHS. Exchange students are:

- Classified based on administrative approval
- Unless students meet all state and local requirements for graduation, they are:
 - Not tested in state-mandated assessments (STAAR EOC, etc.)
 - Not candidates for AHS graduation
 - Scheduled on an individual basis

GIFTED AND TALENTED (GT)

Courses that receive higher grade points include Honors/Pre-AP, AP, and dual credit courses that by nature have an enhanced curriculum. Students previously identified as gifted and talented (GT) are served through the high school program in Honors/Pre-AP, AP and dual credit classes. GT students are required to select at least one of these courses, which are designed to provide appropriate challenges for capable students.

SCHOLARSHIP AND GRANT INFORMATION

AHS keeps an updated list of scholarship opportunities posted on the AHS website (www.athensisd.net). Additional scholarship opportunities are available through various websites. Senior students complete the FAFSA or TASFA beginning in October of the senior year. Many local scholarships are also available during the spring of the senior year. Students are encouraged to apply and visit with the financial aid offices of the colleges they wish to attend for scholarship and grant opportunities (Texas Grant Program, Texas B-On-Time Student Loan Program, etc.). Athens High School cannot guarantee the availability or payment of financial aid received by AHS graduates.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION

National Collegiate Athletic Association (NCAA) Eligibility Center registration is required for all student athletes interested in competing for university athletic scholarships. Student athletes interested in pursuing athletic scholarships from a major university should be aware of specific course requirements and minimum ACT and/or SAT test scores required by NCAA. Student athlete information is made available to athletic recruiters through the NCAA Eligibility Center. Students who may receive an athletic scholarship should register at www.ncaa.org and request transcripts to be

sent by the AHS registrar at the completion of the junior year of high school. It is the student athlete's responsibility to send required documentation and payment to NCAA. Fee waivers are available for eligible students. Information and assistance is available in the athletic office.

CLASS RANKING AND ACADEMIC ACHIEVEMENT

Class ranking is a system of placing students in descending order according to their Grade Point Average (GPA). Rank in class will be determined by a weighted system including all years of high school enrollment. Courses are assigned a weighted value, with more difficult courses earning higher grade point values (see grade point value tables).

DATE FOR CALCULATING CLASS RANK

Unofficial class ranking, for informational purposes only, is calculated after semester 2 grades are finalized for outgoing freshmen and sophomores. Official class ranking is calculated at the end of the first and second semester of the junior and senior year. This is an administrative policy decision. Final calculation of class rank for seniors only shall be made after all academic grades are received. Rank is calculated on a weighted 100 point scale.

GPA is calculated on an unweighted 4.0 point scale with the following conversions:

90 and above	4 pts.
80 to 89	3 pts.
70 to 79	2 pts.
Below 70	0 pts.

COURSES NOT TAKEN IN GRADES 9-12

Any course taken before entering the ninth grade shall not be included for ranking purposes even if the course receives high school graduation credit.

RANK AND GPA (ATHENS ISD BOARD POLICY EIC LOCAL)

Final rank in class shall be determined by a weighted system that includes all four years of high school enrollment. Subjects shall be assigned a weighted value with more difficult subjects earning higher grade point values. If a student repeats a course, both grades shall be included in determining class rank. The calculation of class rank shall exclude grades earned by credit by examination, with or without prior instruction,

Only those courses defined by the Texas Education Code Chapter 74, Subchapter B, as the core subjects of English Language Arts I- IV, mathematics, science, and social studies shall be used to calculate a student's weighted grade point average (GPA).

Grade points awarded will be determined using the following course level chart:

Level 1 – Advanced Placement Courses and Honors Dual Credit

Level 2 – Pre-Advanced Placement Courses and Dual Credit

Level 3 – On-Level courses on campus

All other courses in which a student enrolls will receive no grade points toward rank and grade point average (GPA). The rank to be used in college admission shall be decided at the college's discretion.

Ties in class rank shall be resolved using the following criteria in the order listed:

1. Grade point average computed to a sufficient number of decimal places
2. Number of AP course credits (taken in grades 9-12)
3. Highest grade point average in AP course credits

GRADE POINT VALUES

CALCULATION OF GRADE AVERAGES FOR FINAL CLASS RANK

The numerical semester grade shall be converted to an adjusted point value according to the Grade Conversion Table. Grade Point Average (GPA) is the average of the adjusted point values.

POINT CONVERSION TABLE

A Grade of ...	In Level 4 Class	In a Level 3 Class	In a Level 2 Class	In a Level 1 Class
100	90.0	100	110.0	115.00
99	89.1	99	108.9	113.85
98	88.2	98	107.8	112.70
97	87.3	97	106.7	111.55
96	86.4	96	105.6	110.40
95	85.5	95	104.5	109.25
94	84.6	94	103.4	108.10
93	83.7	93	102.3	106.95
92	82.8	92	101.2	105.80
91	81.9	91	100.1	104.65
90	81.0	90	99.0	103.50
89	80.1	89	97.9	102.35
88	79.2	88	96.8	101.20
87	78.3	87	95.7	100.05

A Grade of ...	In Level 4 Class	In a Level 3 Class	In a Level 2 Class	In a Level 1 Class
48	43.2	48	52.8	55.20
47	42.3	47	51.7	54.05
46	41.4	46	50.6	52.90
45	40.5	45	49.5	51.75
44	39.6	44	48.4	50.60
43	38.7	43	47.3	49.45
42	37.8	42	46.2	48.30
41	36.9	41	45.1	47.15
40	36.0	40	44.0	46.00
39	35.1	39	42.9	44.85
38	34.2	38	41.8	43.70
37	33.3	37	40.7	42.55

COURSE OFFERINGS

ENGLISH LANGUAGE ARTS

Four (4) credits in English are required for graduation. Satisfactory performance is required on the English I and English II STAAR End of Course exams for graduation.

RECOMMENDED SEQUENCE OF COURSES

- English I or English I Honors
- English II or English II Honors
- English III, English III AP, Dual Credit ENG 1301 & 1302
- Business English, English 4, English 4 AP, or Dual Credit ENG 2322 & 2323

ENGLISH I

Grade: 9

Credit: 1 / GPA Level 3

Prerequisite: None

An End of Course Exam will be required in this course. A state mandated minimum score is required for graduation.

Students will be introduced to a study of basic grammar, composition, and literature. The course stresses grammar, oral communication, written composition, and interpretation of literature.

ENGLISH II

Grade: 10

Credit: 1 / GPA Level 3

Prerequisite: English I

An End of Course exam is required in this course. A state mandated minimum score is required for graduation.

Students enrolled in this course will study English grammar, language usage, punctuation, and spelling. Students will also study literature with emphasis on the general appeal of various types of literature with their cultural and practical aspects.

ENGLISH III

Grade: 11

Credit: 1 / GPA Level 3

Prerequisite: English II

Students enrolled in this course will study the practical aspects of grammar, language usage, and composition. This course also surveys American literature and its relationship to the ideals, problems, and privileges of the American democracy. A research paper must be completed to receive credit.

ENGLISH IV

Grade: 12

Credit: 1 / GPA Level 3

Prerequisite: English III

Students enrolled in this course will study the practical aspects of grammar, language usage, and composition. This course also surveys British literature. A research paper must be completed to receive credit. This course is recommended to meet NCAA eligibility requirements.

BUSINESS ENGLISH

Grade: 12

Credit: 1 / GPA Level 3

Prerequisite: English III recommended

Students recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts for business reproduction. This course does not meet NCAA eligibility requirements.

APPLIED ENGLISH LANGUAGE ARTS I, II, III, AND IV

Grade: 9-12

Credit: 1/ GPA Level 3

Prerequisite: Placement by ARD Committee

An End of Course Exam will be required in this course. A state mandated minimum score is required for graduation

These courses emphasize English as it applies to everyday life. Emphasis is on life skills such as writing letters, resumes, building vocabulary, critical thinking skills, and reading comprehension. This course is for students in the special education program.

FUNCTIONAL ENGLISH LANGUAGE ARTS I, II, III, AND IV

Grade: 9-12

Credit: 1/ GPA Level 3

Prerequisite: Placement by ARD Committee

This is a self-contained instructional setting teaching basic reading skills. This course is for students in the special education program.

ADVANCED ENGLISH LANGUAGE ARTS

ENGLISH I HONORS

Grade: 9

Credit: 1 / GPA Level 2

Prerequisite: In the preceding school year- have passed state mandated test in that content area with an (= > 85%) raw score, principal, and/or teacher recommendation,

An End of Course Exam will be required in this course. A state mandated minimum score is required for graduation.

Students will be introduced to a study of English grammar, composition, and literature interpretation. All students planning to take the AP English classes should take this course as freshmen.

ENGLISH II HONORS

Grade: 10

Credit: 1 / GPA Level 2

Prerequisite: English I

An End of Course Exam will be required in this course. A state mandated minimum score is required for graduation.

English II Honors is a second year course of instruction in English grammar, composition, and literature. Extensive reading is required for successful completion of this course. This level is recommended in preparation for AP coursework. All students who plan to take the AP English classes should take this course as a sophomore.

AP ENGLISH LANGUAGE AND COMPOSITION (AP ENGLISH III)

Grade: 11

Credit: 1 / GPA Level 1 after completion of AP exam; GPA Level 2 without completion of AP exam

Prerequisite: English II

The Advanced Placement English Language and Composition course offers the student the opportunity to complete college-level work while still in high school. The student will be expected to do extensive reading outside of class. This course is available to qualified academically oriented students in the eleventh grade. This is part one of a two-year course of study. Upon completion, the student will be qualified to take the nationally administered Advanced Placement Examination. The Advanced Placement English objectives will focus on advanced language, composition, and literature.

AP ENGLISH LANGUAGE AND COMPOSITION (AP ENGLISH III) with DUAL OVERLAY

Grade: 11

Credit: 1 / GPA Level 1 after completion of AP exam; GPA Level 2 without completion of AP exam

Prerequisite: English II, TVCC admission

The Advanced Placement English Language and Composition course offers the student the opportunity to gain college credit and complete college-level work while still in high school. The student will be expected to do extensive reading outside of class. This course is available to qualified academically oriented students in the eleventh grade who have successfully registered for the course each semester at TVCC. This is part one of a two-year course of study. Upon completion, the student will have had the opportunity to earn 3 college hours of ENGL 1301 and 3 college hours of ENGL1302 as well as be qualified to take the nationally administered Advanced Placement Examination. The Advanced Placement English objectives will focus on advanced language, composition, and literature, and a genuine desire to do college -level work.

AP ENGLISH LITERATURE AND COMPOSITION (AP ENGLISH IV)

Grade: 12

Credit: 1 / GPA Level 1 after completion of AP exam; GPA Level 2 without completion of AP exam

Prerequisite: Successful completion of English III

The Advanced Placement English Literature and Composition course offers the student the opportunity to complete college-level work while still in high school. The student will be expected to do extensive reading outside of class. This course is available to qualified academically oriented students in the twelfth grade. This is part two of a two-year course of study. Upon completion, the student will be qualified to take the nationally administered Advanced Placement Examination. The Advanced Placement English objectives will focus on advanced language, composition, literature, and a genuine desire to do college -level work.

AP ENGLISH LITERATURE AND COMPOSITION (AP ENGLISH IV) with DUAL OVERLAY

Grade: 12

Credit: 1 / GPA Level 1 after completion of AP exam; GPA Level 2 without completion of AP exam

Prerequisite: Successful completion of English III, English 1301, TVCC admission

The Advanced Placement English Literature and Composition course offers the student the opportunity to gain college credit and complete college- level work while still in high school. The student will be expected to do extensive reading outside of class. This course is available to qualified academically oriented students in the twelfth grade who have met the prerequisites and have successfully registered for the course each semester at TVCC. This is part two of a two-year course of study. Upon completion, the student will have had the opportunity to earn 3 college hours of ENGL 2322 and 3 college

hours of ENGL 2323 as well as be qualified to take the nationally administered Advanced Placement Examination. The Advanced Placement English objectives will focus on advanced language, composition, literature, and a genuine desire to do college-level work.

ENGLISH LANGUAGE ARTS ELECTIVES

DUAL CREDIT READINESS/PASS

Grade: 9-12

Credit: 0 / No GPA

Prerequisite: Enrolled in TVCC; available to ECHS students taking college coursework

This course will provide students enrolled in dual credit college coursework the opportunity to maximize learning and success required for the academic rigor of college curriculum. Time management and study skills will be utilized and practiced. Various modes of technology will be available for research and independent study.

COLLEGE TRANSITION

Grade: 11

Credit: .5 / No GPA

Prerequisite: None

This locally required course prepares students to be college and career ready. Emphasis will be placed on career exploration and choice, skills in writing, vocabulary enrichment, effective communication, problem solving, and study skills. Specific skills required for the ACT, SAT, and TSI will be introduced and reinforced. Students will be exposed to a selection of community colleges, universities, vocational/technical schools, and military branches in order to narrow their choices for applying in October of their senior year.

CREATIVE WRITING

Grade: 12

Credit 1/No GPA if taken as an elective course; GPA level 3 if taken as a 4th English credit

Prerequisite: None as an elective; completion of English 1, 2, and 3 if taken as a 4th English.

May satisfy the requirement of the fourth year English.

This course will provide students who like to write with guided practice in writing and experience in editing. Students will study and generate poetry, short stories, essays, and journalism articles. Activities will include keeping a daily writing journal and creating a portfolio for publishing to showcase output of the class.

DEBATE I

Grade: 10-12

Credit: 1/No GPA

Prerequisite: Public Speaking, teacher approval

The students examine the historical and contemporary role of debate in the democratic process. They apply standards to analyze and evaluate propositions and construct valid approaches to both affirmative and negative arguments. Students will use effective extemporaneous speaking skills and provide valid and constructive critiques of others. Student participation in several competitions is required.

DEBATE II

Grade: 11-12

Credit: 1 / No GPA

Prerequisite: Debate I, teacher approval

An emphasis on debate and extemporaneous speaking will be provided to develop the cognitive affective and psychomotor domains. Independent research will be used extensively to expand the basic concepts presented and to allow development

of creativity. Assignments and projects stress individual studies as the culmination of research, reasoning, argumentation, and development of speaking skills. The major concepts of debate include higher thinking skills, use of evidence and reasoning, and application of persuasive speaking skills in life. Students will be required to attend debate tournaments.

DEBATE III

Grade: 12

Credit: 1 / No GPA if taken as an elective course; GPA level 3 if offered and taken as a 4th English credit

Prerequisite: Debate II, successful completion of English I, II, III, principal and teacher approval

May satisfy the requirement of the fourth year English

An emphasis on debate and extemporaneous speaking will be provided to develop the cognitive affective and psychomotor domains. Independent research will be used extensively to expand the basic concepts presented and to allow development of creativity.

Assignments and projects stress individual studies as the culmination of research, reasoning, argumentation, and development of speaking skills. The major concepts of debate include higher thinking skills, use of evidence and reasoning, and application of persuasive speaking skills in life. Students will be required to attend debate tournaments.

ENGLISH LANGUAGE DEVELOPMENT & ACQUISITION

Grade: 9-12

Credit 1/GPA Level 3

Prerequisite: Native Spanish Speaker, Non-English speaker

In this class ELL students apply English speaking, listening, reading, and writing skills to academic, job-related, or civic-oriented situations helping each to learn English as efficiently and as quickly as possible as well as progress academically to meet grade-level standards, promotion, and graduation requirements. In this way, immigrants and English learners improve their English language skills and learn content that is most relevant to them,

ORAL INTERPRETATION I, II, III

Grade: 9-12

Credit: 1 / No GPA

Prerequisite: Previous Oral Interpretation class, if level II or III

Students study the oral reading or performance of a literary text as a communication art. Students enrolled in Oral Interpretation I, II, and III will select, research, analyze, adapt, interpret, and perform literary text. Students focus on intellectual, emotional, sensory, and aesthetic levels of text to attempt to capture the entirety of the author's work. Individual or group performances of literature will be presented and evaluated. Students will be required to participate in several competitions.

PUBLIC SPEAKING

Grade: 9-12

Credit 1/No GPA

Prerequisite: None

In order to have full participation in the democratic process, students must have a good understanding of public dialogue. The students must learn the concepts and skills related to preparing and presenting public messages and to analyzing and evaluating the messages of others. Within this process, students will gain skills in reading, writing, speaking, listening, and thinking and will examine areas such as invention, organization, style, memory, and delivery. Students will receive their required speech credit upon successful completion of the course. Student participation in several competitions is required.s.

SPEECH

PROFESSIONAL COMMUNICATIONS

Grade: 11-12

Credit: .5/No GPA

Prerequisite: None

Professional Communications blends written, oral and graphic communication in a career based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct internet research.

MATHEMATICS

Four (4) credits in mathematics are required for graduation. Three of the credits must be Algebra I, Geometry, and Algebra II. The fourth math must be a state-approved advanced math course. **Satisfactory performance on the STAAR Algebra I End of Course exam is required for graduation.**

RECOMMENDED SEQUENCE OF COURSES

- Strategic Learning in High School Math
- Algebra I or Algebra I Honors
- Geometry or Geometry Honors
- Algebra II or Algebra II Honors
- Advanced math course.

ALGEBRA I

Grade: 9

Credit: 1 / GPA Level 3

Prerequisite: Scoring above 70% on the 8th grade EOC exam.

An End of Course Exam will be required in this course. A state mandated minimum score is required for graduation.

Algebra I is the fast-paced first course in the academic mathematics sequence. This course is designed to teach all the essentials of basic algebra to students.

GEOMETRY

Grade: 10

Credit: 1 / GPA Level 3

Prerequisite: Algebra I

Geometry builds on work from the middle school geometry curriculum, formalizing these concepts within a broader context. This course connects to algebra throughout the term. It is academically challenging but accessible to all students with algebra skills

ALGEBRA II

Grade: 11

Credit: 1 / GPA Level 3

Prerequisite: Algebra I

Algebra II extends concepts learned in Algebra I with an emphasis on exploring functions, relations, and their graphs. Data handling and analysis using various techniques are covered, and emphasis is placed on problem solving using available technology.

MATHEMATICAL MODELS WITH APPLICATIONS

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisite: Algebra 1

This course addresses practical applications of algebra in real-life situations involving money, data, chance, patterns, music, design, and science. Students use technology to link modeling techniques and mathematical concepts.

ALGEBRA III

Grade: 12

Credit: 1 / GPA Level 3

Prerequisite: Algebra 2 or Algebra 2 Honors completed successfully at 75% or higher; passed Alg I STAAR EOC

Algebra III extends concepts learned in Algebra II with an emphasis on quadratics, conics, polynomials, functions, logarithms, factorizations and substitutions, systems of equations, sequences and series, symmetric sums, advanced factoring methods, classical inequalities, and functional equations. It includes and extends many challenging aspects of algebraic problem solving learned in a typical Algebra II course. This class may satisfy the fourth year math credit for graduation.

MATHEMATICAL APPLICATIONS IN AGRICULTURE, FOOD AND NATURAL RESOURCES

Grade: 12

Credit: 1 / GPA Level 3

Prerequisite: Principles of Agriculture Food and Natural Resources (AFNR) is recommended

Mathematical Applications in Agriculture, Food and Natural Resources prepares students for careers in agriculture, food, and natural resources. Students must acquire technical knowledge in the discipline as well as apply academic skills in mathematics. Students should apply knowledge and skills related to mathematics, including algebra, geometry, and data analysis in the context of agriculture, food, and natural resources. This class may satisfy the fourth year math credit for graduation.

FINANCIAL MATH

Grade: 12

Credit: 1/GPA Level 3

Prerequisite: Algebra 1

Financial Mathematics is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors. Financial Mathematics will integrate career and postsecondary education planning into financial decision making. When possible, students will apply mathematics to problems arising in everyday life, society, and the workplace. Students will use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution. Students will select appropriate tools such as real objects, manipulatives, paper and pencil, and technology and techniques such as mental math, estimation, and number sense to solve problems. Students will use mathematical relationships to generate solutions and make connections and predictions. This class may satisfy the fourth year math credit for graduation.

PRE-CALCULUS

Grade: 11-12

Credit: 1/GPA Level 3

Prerequisite: Algebra II or Algebra II Pre-AP, successful completion of STAAR EOC Algebra I exam in previous year(s) strongly recommended

Pre-Calculus is the integrated study of analytical geometry, trigonometry, elementary analysis, probability, and statistics. This step in the vertical alignment of Pre-AP and AP classes uses functions, equations, and limits to prepare the student for college-level coursework. This course may be taken concurrently with AP Statistics. This class may satisfy the fourth year math credit for graduation.

APPLIED MATH (STRATEGIC LEARNING HIGH SCHOOL MATH, ALGEBRA I, GEOMETRY, ALGEBRA 2, FINANCIAL MATH)

Grade: 9-12

Credit: 1/GPA Level 3

Prerequisite: Placement by ARD Committee

Applied math covers the basic skills of addition, subtraction, multiplication, division of whole numbers, fractions, and decimals. Emphasis is placed on consumer applications such as earning, spending, and managing money. Each course is designed for students who are in the special education program.

FUNCTIONAL MATH (ALGEBRA I, GEOMETRY, ALGEBRA 2)

Grade: 9-12

Credit: 1/GPA Level 3

Prerequisite: Placement by ARD Committee

This is a self-contained instructional setting teaching math skills involved in daily living activities. Each course is a course designed for students who are in the special education program.

ADVANCED MATHEMATICS

ALGEBRA I HONORS

Grade: 9

Credit: 1 / GPA Level 2

Prerequisite: Scoring 85% or higher on the 8th grade EOC exam.

An End of Course Exam will be required in this course. A state mandated minimum score is required for graduation.

Algebra I Pre-AP is a college-preparatory course whose purpose is to create a deeper understanding of mathematics through a rigorous curriculum. Pre-AP classes give students the foundation needed to succeed in college-level coursework.

GEOMETRY HONORS

Grade: 10

Prerequisite: Algebra 1

Credit: 1 / GPA Level 2

Geometry Pre-AP is designed to investigate the TEKS-based regular geometry in a rigorous curriculum. Skills, concepts, and assessment methods required for success in AP classes are introduced. Pre-AP classes give students the foundation needed to succeed in college-level coursework. This course may be taken concurrently with Algebra II Pre-AP enabling students the opportunity to complete AP Calculus the senior year.

ALGEBRA II HONORS

Grade: 10- 11

Credit: 1 / GPA Level 2

Prerequisite: Algebra I or Algebra I Honors

Pre-AP Algebra II is a college-preparatory course whose purpose is to create a deeper understanding of mathematics through a rigorous curriculum. Pre-AP classes give students the foundation needed to succeed in college-level coursework.

This course may be taken concurrently with geometry Pre-AP in the 10th grade enabling students the opportunity to complete additional upper level math coursework in their 11th -12th grades, such as AP Calculus.

PRE-CALCULUS AP

Grade: 11-12

Credit: 1 / GPA Level 1

Prerequisites: Algebra II or Algebra II Honors , successful completion of STAAR EOC Algebra I exam in previous year(s) strongly recommended.

AP Precalculus will prepare students for other college-level mathematics and science classes. The skills learned in this course are foundational not only for success in required college math courses, but also to careers in math, physics, biology, health science, data science and social science. Students will gain a deep conceptual understanding of functions and their graphs, learning how to model and interpret models of functions. By the end of the course, the student will have established a strong foundation of higher math skills This class may satisfy the fourth year math credit for graduation

STATISTICS AP

Grade: 11-12

Credit: 1 / GPA Level 1

Prerequisite: Algebra 2

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring data: observing patterns and departures from patterns, 2. Planning a study: deciding what and how to measure, 3. Anticipating patterns: producing models using probability theory and simulation, and 4. Statistical inference: confirming models. Upon completion, the student will be qualified to take the College Board Advanced Placement Statistics exam. This course may be taken concurrently with AP Pre-Calculus. This class may satisfy the fourth year math credit for graduation

CALCULUS AP

Grade: 12

Credit: 1 / GPA Level 1

Prerequisite: Pre-Calculus or teacher approval

Calculus is an integrated course with emphasis on relations and functions and their properties, differential calculus, and integral calculus. This course is designed for college-bound students with a solid mathematics background. Upon completion, the student will be qualified to take the College Board Advanced Placement Calculus AB Exam for college credit. This class may satisfy the fourth year math credit for graduation

MATHEMATICS ELECTIVES

STRATEGIC LEARNING HIGH SCHOOL MATH

Grade: 9

Credit: 1 / GPA Level 3

Prerequisite: None

Strategic Learning in High School Math is the first course in the academic mathematics sequence for students not successful on the 8th grade EOC exam.. This course is designed to address gaps in math concepts as well as support Algebra 1 concepts. This course does not satisfy state requirements for math. It is a math elective state credit

SCIENCE

Four (4) credits in science are required for graduation. The state of Texas requires a credit of biology, a credit of chemistry, and a credit of advanced science. It is recommended that students check university admission requirements for the

requirements of physics. **Satisfactory performance is required on the Biology STAAR End of Course exam for graduation.**

RECOMMENDED SEQUENCE OF COURSES

- Biology or Biology Honors
- IPC, Chemistry, or Chemistry Honors

2 ADVANCED SCIENCE COURSES FROM THE FOLLOWING:

- Advanced Animal Science
- Advanced Plant & Soil Science
- Anatomy & Physiology
- Aquatic Science
- Biology AP or Biology AP with Dual Overlay
- Chemistry AP
- Environmental Science AP
- Forensics
- Integrated Physics & Chemistry (IPC)
- Physical Science (dual credit only)
- Physics 1 AP or Dual Credit Physics
- Principles of Technology

ADVANCED ANIMAL SCIENCE

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisite: Principles of AFNR recommended

Course may be used as a 3rd or 4th science credit.

This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through 40% field and laboratory experiences.

ADVANCED PLANT AND SOIL SCIENCE

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisite: One credit from AFNR courses recommended

Course may be used as a 3rd or 4th science credit.

Plant and soil science provides a learning venue to the natural world. Students will learn how plant and soil science influences many other fields of science. This course is designed to prepare students for careers in the food and fiber industry. Students will learn, reinforce, apply, and transfer their knowledge in a scientific setting.

ANATOMY AND PHYSIOLOGY

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisite: Biology

Recommended Prerequisite: Medical Terminology

Course may be used as a 4th science credit.

This is a laboratory and lecture college preparatory course designed to study the structures and functions of the human body. It is an extensive study of medical terminology, body organization, body tissues, and embryology. The following body systems will be studied in depth: integumentary, skeletal, muscular, circulatory, cardiovascular, digestive, respiratory, excretory, and reproduction. This course is very useful for students who are interested in all areas of medicine such as nursing, medical technology, surgical technology, and pharmacology. This course must include at least 40% laboratory

investigation and fieldwork using appropriate scientific inquiry. Enhanced curriculum content and a research component are included.

AQUATIC SCIENCE

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisite: Biology, Chemistry

Course may be used as the 4th science credit.

Aquatic science is the study of freshwater and marine systems. Emphasis is placed on the nature of science, scientific inquiry, science and social ethics, and scientific systems.

BIOLOGY

Grade: 9

Credit: 1 / GPA Level 3

Prerequisite: None

An End of Course Exam will be required in this course. A state mandated minimum score is required for graduation.

This is an introductory course designed to study plant and animal life. Emphasis will be placed on cells, genetics, taxonomy, microbiology, and an understanding of the structure and functions of living organisms. Basic laboratory techniques will be introduced. Course will be 40% laboratory and fieldwork to meet the requirements identified in TAC §74.3(b) (2) (C).

CHEMISTRY

Grade: 10

Credit: 1 / GPA Level 3

Prerequisite: One credit of high school science

Chemistry is the study of the structure of matter and the changes it undergoes. The first semester of this course focuses on the study of measurement, properties of matter, atomic structure and function, nuclear chemistry, naming and formula writing, and the periodic table. The second semester involves a substantial amount of mathematics. It focuses on the study of measurement, chemical equations, stoichiometry, gas laws, acids and bases, and solutions. Chemistry challenges students to use problem solving and critical thinking skills. Students must also perform several laboratory experiments to further investigate specific topics in chemistry. This course will be 40% laboratory and fieldwork to meet the requirements identified in TAC §74.3(b) (2) (C).

EARTH AND SPACE SCIENCE

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisite: Biology, Chemistry

Course may be used as the 4th science credit.

Earth and Space Science is designed to build on students' prior scientific and academic knowledge and skills to develop understanding of Earth's system in space and time, through strands of systems, energy, and relevance. Units of study include Earth and Space in time as relates to cosmology, theories of the origin, evolution, and structures of the universe and the development of the Earth and Moon System, including geologic, atmospheric and chemical evidence and analysis. Students will apply scientific and mathematical investigations in understanding course concepts. This course must include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry

FORENSIC SCIENCE

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisite: Biology, Chemistry

Course may be used as the 4th science credit.

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. Students will explore the nature of science, use scientific inquiry, apply science and social ethics and analyze scientific systems in terms of its components and how these components relate to each other, to the whole, and to the external environment.

INTEGRATED PHYSICS AND CHEMISTRY

Grade: 10-11

Credit: 1 / GPA Level 3

Prerequisite: Biology

Course may be used as a 2nd science credit. Either IPC, a chemistry, or a physics is a requirement for graduation.

Learning about matter, energy, and technology and their involvement with all forms of life has become increasingly important for living in today's complex world. Through laboratory and classroom experiences, students will integrate introductory concepts in chemistry and physics to life and earth sciences. Enrichment and application will be emphasized through the use of experiments, research, critical thinking, problem-solving and multicultural connections. It will also integrate the disciplines of physics and chemistry in the following topics: motion, waves, transformations, properties of matter, changes in matter and solution chemistry.

PRINCIPLES OF TECHNOLOGY

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisite: Biology, Chemistry, and past or concurrent enrollment in Algebra 2

Course may be used as 3rd or 4th science credit.

This laboratory science course provides a study of the laws and applications of mechanics, heat, and sound. The student will have an understanding of matter and energy relating to light, electricity, magnetism, and structural nuclear physics.

FUNCTIONAL SCIENCES: (BIOLOGY, CHEMISTRY, AND PHYSICS)

Grade: 9-12

Credit: 1/GPA Level 3

Prerequisite: Placement by ARD Committee

This is a self-contained instructional setting teaching functional science skills involved in daily living activities. It is a course designed for students who are in the special education program.

ADVANCED SCIENCE

BIOLOGY AP with DUAL OVERLAY

Grades: 11-12

Credit: 1 / GPA Level 1

Prerequisites: Honors Biology or Honors Chemistry & TVCC admission or instructor recommendation

This course is offered for those students who are seeking additional experience in the area of biological science. AP Biology is an intensive study of cells, theories, plants, animals, genetics, and human anatomy and physiology. This course is available to qualified academically oriented students who have successfully registered for the course each semester at TVCC. Upon completion, the student will have the opportunity to earn 4 college hours of BIO1406 and 4 college hours of BIO1407 as well as be qualified to take the College Board Advanced Placement Biology Exam.

BIOLOGY HONORS

Grade: 9

Credit: 1 / GPA Level 2

Prerequisite: Scoring 85% or higher on the 8th grade EOC exam

An End of Course Exam will be required in this course. A state mandated minimum score is required for graduation.

This course involves a more in-depth study of plant and animal life than the biology course. Emphasis will be placed on cells, genetics, taxonomy, microbiology, and an understanding of the structures and functions of living organisms. It is taught as a college preparatory course with upper-level thinking and reasoning in the form of fill-in-the-blank and listing exams, essay exams, in-depth laboratory study, and independent projects. Emphasis is placed on class notes, independent projects, and laboratory study in this course.

CHEMISTRY AP

Grades: 11-12

Credit: 1 / GPA Level 1

Prerequisites: Honors Chemistry & Algebra II

Course may be used as the 4th science credit.

This course is a laboratory science of advanced study and higher-level chemistry. This class is designed for the student who is planning to pursue a degree in science, mathematics, or engineering in college. Topics covered are stoichiometry, thermodynamics, kinetics, mechanics, and atomic theory. Extensive problem solving activities are required. Upon completion, the student will be qualified to take the College Board Advanced Placement Chemistry exam.

CHEMISTRY HONORS

Grade: 10

Credit: 1 / GPA Level 2

Prerequisites: Algebra II, Biology Honors, or instructor recommendation

This course is a laboratory science of advanced study and higher-level chemistry. This class is designed for the student who is planning to pursue a degree in science, mathematics, or engineering in college. Topics covered are stoichiometry, thermodynamics, kinetics, mechanics, and atomic theory. Extensive problem solving activities are required. This course is a college preparatory course with upper level thinking and reasoning.

ENVIRONMENTAL SCIENCE AP

Grades: 11-12

Credit: 1 / GPA Level 1

Prerequisites: Honors Biology, Honors Chemistry, & Honors Algebra I or instructor recommendation

Course may be used as the 4th science credit.

This course emphasizes a variety of topics that include abiotic factors in habitats; ecosystems and biomes; interrelationships among resources within a local 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; and the impact of human activities on the environment. Upon completion, the student will be qualified to take the College Board Advanced Placement Environmental Systems exam

PHYSICS 1 AP

Grade: 11-12

Credit: 1 / GPA Level 1

Prerequisites: completion or current enrollment in Algebra II

Course may be used as the 4th science credit.

The AP Physics 1 course is equivalent to a first-semester college course in algebra-based physics. This introductory course will explore the foundational principles of physics with hands-on laboratory learning. The units included in this course and exam are: Kinematics, Dynamics, Circular Motion and Gravitation, Energy, Momentum, Simple Harmonic Motion, Torque and Rotational Motion.

Upon completion, the student will be qualified to take the College Board Advanced Placement Physics 1 Exam.

SCIENTIFIC RESEARCH AND DESIGN

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisites: Geometry, 3rd science, & completion or current enrollment in Algebra II

Course may be used as the 4th science credit.

Students will engage in authentic student-driven research. Students will practice scientific research methods and apply statistical analysis to research results. In the first semester students develop two of their own research projects. One of these projects will be presented at the East Texas Regional Science Fair. In the second semester students will continue their first semester projects and continue learning college level lab skills. This course is mostly student self paced and students will choose their individual research topics.

SOCIAL STUDIES

Three (3) credits of social studies are required for graduation. **Satisfactory performance on the STAAR U.S. History End of Course exam is required for graduation.**

RECOMMENDED SEQUENCE OF COURSES

- World History, World History AP or World Geography (beginning 2023-24)
- United States History or United States History AP (beginning 2023-24)
- Personal Financial Literacy
- US Government, US Government AP, or Dual credit Government
- Economics, Macroeconomics AP, or Dual credit Macroeconomics

UNITED STATES HISTORY

Grade: 10

Credit: 1 / GPA Level 3

Prerequisite: World History or World Geography

An End of Course Exam will be required in this course. A state mandated minimum score is required for graduation.

This is a study of the years 1877 to present. Content includes politics, foreign affairs, the economy, urbanization, culture, and American values. The course emphasizes the study of the modern period.

WORLD GEOGRAPHY

Grade: 9-12

Credit 1:/GPA Level 3

Prerequisite: None

In this course, students examine people, places, and environments at local, regional, national, and international scales. Students describe the influence of geography on events of the past and present. A significant portion of the course centers on the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climate, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of world population; relationships among people, places, and environments; and the concept of region.

WORLD HISTORY

Grade: 9-12

Credit: 1 / GPA Level 3

Prerequisite: None

This course will offer a general survey of major world cultures, geography, history, and politics. A special emphasis will be placed on the involvement of the United States with other countries.

PERSONAL FINANCIAL LITERACY

Grade: 10-12

Credit: .5 / No GPA

Prerequisite: None

This course will offer a general survey of earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and post-secondary education, and training.

ECONOMICS

Grade: 12

Credit: .5/ GPA Level 3

Prerequisite: None

This course is a study of economics with emphasis on free enterprise and financial literacy.

UNITED STATES GOVERNMENT

Grade: 12

Credit: .5/ GPA Level 3

Prerequisite: None

This course is an introduction to American government, including general analysis of the constitution and its amendments, the realm of American political parties and elections, and a comprehensive study of the three branches of government.

FUNCTIONAL COMMUNITY CITIZENSHIP

W GEOGRAPHY or W HISTORY, US HISTORY, US GOVERNMENT, AND ECONOMICS

Grade: 9-12

Credit: 1/GPA Level 3

Prerequisite: Placement by ARD Committee

This is a self-contained instructional setting that teaches community citizenship. It is a course designed for students who are in the special education program.

ADVANCED SOCIAL STUDIES

UNITED STATES HISTORY AP

Grade: 10

Credit: 1/GPA Level 1 after completion of AP exam; GPA Level 2 without completion of AP exam

Prerequisites: A score of 85% or higher on the 8th grade US History EOC exam.

Grading: A student's course grade is 40% daily grades, 60% exam/major project grades.

Testing: An End of Course Exam is required in this course. A state mandated minimum score is required for graduation.

This is a one year United States history course for students who are prepared for college level work that includes an intense reading schedule and the continual production of rhetoric to demonstrate course mastery. AP US History extends the study of the major aspects of United States history in a number of ways. Students must be able to read a college-level

textbook independently. Supplemental readings in the form of documents, essays, primary sources, and secondary sources provide AP learners with both a chronological and thematic study of the United States' development from before the first colonial settlements to the present day. Course activities emphasize critical thinking, independent study, research, and the synthesis of newly learned ideas presented through rhetoric backed by well researched and well reasoned facts. The course provides students with opportunities to demonstrate high-ability achievement while preparing them to take the College Board Advanced Placement U.S. History Examination.

WORLD HISTORY AP

Grade: 9-12

Credit: 1 / GPA Level 1 after completion of AP exam; GPA Level 2 without completion of AP exam

Prerequisite: Students should be able to read a college level textbook and write grammatically correct complete sentences.

Grading: A student's course grade is 40% daily grades, 60% exam/major project grades.

This is a one year world history course for students who would like to prepare for college-level work. In addition to covering the major aspects of world history, the course extends the study in a number of ways: inclusion of more detail, emphasis upon archeological concerns and methods, use of primary materials and documents, comparative study of the great religions, and interdisciplinary focus emphasizing art and architecture, study of the background for the development of U.S. government and economics, and application of historical concepts to current events. The emphasis is upon critical thinking, independent study, and research. The course provides students with opportunities to demonstrate high-ability achievement while preparing them to take the College Board Advanced Placement World History Examination.

EUROPEAN HISTORY AP

Grade: 11-12

Credit: 1/GPA Level 1 after completion of AP exam; GPA Level 2 without completion of AP exam

Prerequisite: Students should be able to read a college level textbook and write grammatically correct complete sentences.

Grading: A student's course grade is 40% daily grades, 60% exam/major project grades.

AP European History focuses on developing students' abilities to think conceptually about European history from approximately 1450 to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — interaction of Europe and the world, poverty and prosperity, objective knowledge and subjective visions, states and other institutions of power, and individual and society — provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. The course also allows teachers flexibility to teach certain topics of their choice in depth. The course provides students with opportunities to demonstrate high-ability achievement while preparing them to take the College Board Advanced Placement European History Examination.

MACROECONOMICS AP

Grade: 12

Credit: .5/ GPA Level 1 after completion of AP exam; GPA Level 2 without completion of AP exam

Prerequisite: Ability to read a college level textbook and write grammatically correct complete sentences that explain a detailed process. Ability to graph and explain linear slope functions.

Grading: A student's course grade is 40% daily grades, 60% exam/major project grades.

Macroeconomics will give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. The course provides students with opportunities to demonstrate high-ability achievement while preparing them to take the College Board Advanced Placement Macroeconomics Examination.

UNITED STATES GOVERNMENT AP

Grade: 12

Credit: .5/ GPA Level 1 after completion of AP exam; GPA Level 2 without completion of AP exam

Prerequisite: Ability to read a college level textbook and write grammatically correct complete sentences that explain cause and effect relationships and describe organizational structures.

Grading: A student's course grade is 40% daily grades, 60% exam/major project grades.

This is a one semester college level course for students who wish to take a challenging course in U.S. government and politics. In addition to covering the essential elements of government, the course extends the study in many areas. This course is an introduction to American government, including analysis of the Constitution and its amendments, the realm of American political parties and elections, and a comprehensive study of the three branches of government. AP United States Government will include additional research and reading assignments leading to an in-depth discussion and study of democratic principles, leading to student-led simulations during each unit of study. This course prepares students for the College Board Advanced Placement U.S. Government and Politics Exam.

HUMAN GEOGRAPHY AP

Grade: 11-12

Credit: 1.0/ GPA Level 1 after completion of AP exam; GPA Level 2 without completion of AP exam

Prerequisite: Students should be able to read a college level textbook and write grammatically correct complete sentences.

Grading: A student's course grade is 40% daily grades, 60% exam/major project grades.

AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. This course prepares students for the College Board Advanced Placement Human Geography Exam.

LANGUAGES OTHER THAN ENGLISH

For students graduating under the HB 5 requirements, two (2) credits of a foreign language are required for all graduation plans.

SPANISH I

Grade: 9-12

Credit: 1 / No GPA

Prerequisite: None

This course introduces basic reading, writing, listening, and speaking skills. Instruction will be in Spanish and English.

SPANISH II

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Spanish I or Spanish I for Spanish Speakers

This second-year course will continue the student's development of reading, writing, listening, and speaking the language. Instruction will be in Spanish and English.

ADVANCED LANGUAGES OTHER THAN ENGLISH

AP SPANISH LANGUAGE AND CULTURE

Grade: 09-12

Credit: 1 / No GPA

Prerequisite: Students should be able to read, write and speak Spanish

This is an advanced course designed to develop Spanish language proficiency and to develop an understanding of Hispanic culture. Students will participate in interpersonal, interpretive, and presentational communication. At the end of this course, the student will be qualified to take the College Board Advanced Placement Exam.

AP SPANISH LITERATURE AND CULTURE

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Spanish I, Spanish I for Spanish Speakers or AP Spanish Language and Culture. Students should be able to read, write and speak Spanish

This is an advanced course designed to introduce students to representative texts. Extensive reading is involved. Students will continue to develop their interpersonal, interpretive, and presentational communication; and continue to develop an understanding of Hispanic culture. At the end of this course, the student will be qualified to take the College Board Advanced Placement Exam.

PHYSICAL EDUCATION

One credit of physical education is required under all graduation plans. In physical education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically active lifestyle. The student exhibits a physically active lifestyle and understands the relationship between physical activity and health throughout the lifespan.

LIFETIME FITNESS AND WELLNESS PURSUITS

Grade: 9 Credit: 1 / No GPA
GPA

Prerequisite: None

This course is a prerequisite for all other physical education courses. Foundations for personal fitness represent a new approach to physical education and the concept of personal fitness. The basic purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on health and wellness. Students improve their fitness within the class and learn the process of becoming fit. The concept of wellness, striving to reach optimal levels of health, is the cornerstone of this course and is exemplified by one of the course objectives: students designing their own personal fitness program.

SKILL-BASED LIFETIME ACTIVITIES

Grade: 10
Credit: 1 / No GPA

Prerequisite: None

Students in aerobic activities are exposed to a variety of activities that promote health-related fitness. A major expectation of this course is for the student to design a personal fitness program that uses aerobic activities as a foundation.

LIFETIME RECREATION AND OUTDOOR PURSUITS

Grade: 11
Credit: 1 / No GPA
Prerequisite: None

Students enrolled in individual/team sports are expected to participate in a wide range of individual/team sports that can be pursued for a lifetime. The continued development of health-related fitness and the selection of individual/team sport activities that are enjoyable is a major objective of this course. Students enrolled in individual/team sports are expected to develop health-related fitness and an appreciation for teamwork and fair play. Like the other high school physical education courses, individual/team sports focuses on incorporating physical activity into a lifestyle beyond high school.

FUNCTIONAL RECREATION AND LEISURE I, II, III, IV

Grade: 9-12

Credit: 1

Prerequisite: Placement by ARD Committee

This is a self-contained instructional setting that promotes recreation, leisure, and a healthy lifestyle. It is a course designed for students who are in the special education program.

PHYSICAL EDUCATION SUBSTITUTES

Effective in the 2010-2011 school year, the following activities may receive Physical Education substitution credit for high school graduation under all graduation plans:

- o **Athletics - four credits maximum**
- o **Cheerleading - one credit maximum**
- o **Drill Team - one credit maximum**
- o **Marching Band - one credit maximum**

There are no specific semester designations for physical education substitutions. In order for a student to earn physical education substitution credit for one of the above activities, the activity must include a minimum of 100 minutes per five-day school week of moderate to vigorous physical activity. Substitution credit may not be earned for any physical education course more than once, and no more than four substitutions may be earned through any combination of allowable substitutions. Students may no longer substitute two- or three-credit Career and Technical Education (CTE) work-based training courses for physical education substitution credit.

ATHLETICS

Grade: 9-12

Credit: 1 / No GPA

Prerequisite: None

Athens High School participates in the University Interscholastic League (UIL) athletic programs. Because these are competitive programs, a student must maintain a high degree of proficiency and skill. The student must also have the coach's approval, be a full-time student, and meet certain other academic requirements for participation.

ATHLETICS – BOYS 9TH – 12TH Grade

- Football
- Basketball
- Baseball
- Soccer
- Tennis
- Trainer
- Golf
- Swim

ATHLETICS – GIRLS 9TH – 12TH Grade

- Volleyball
- Basketball
- Softball
- Soccer
- Tennis
- Trainer
- Golf
- Swim

-Track
-Powerlifting

-Track
-Powerlifting

CHEER TEAM I

Grade: 9-12

Credit: 1 / No GPA

Prerequisite: Audition

Cheer team will offer precision cheer team experiences as a member of the Athens High School Cheerleaders. The cheerleaders promote school spirit, create interest in school activities, and perform at school events. This course will receive up to 1 credit in physical education.

DRILL TEAM I

Grade: 9-12

Credit: 1 / No GPA

Prerequisite: Audition

Drill team will offer precision drill team experiences as a member of the Athens High School Stingerettes. The Stingerettes promote school spirit, create interest in school activities, and perform at school events. In the fall semester, students are involved in the half-time performance of all varsity football games. In the spring, students prepare for dance competition. This course will receive up to 1 credit in physical education.

MUSIC BAND I, II

Grade: 9-12

Credit: ½ / No GPA

Prerequisite: Teacher Approval

The Pride of the Hornet is the performing band for Athens High School. Half-time performances and UIL Marching Band contests constitute the first term's curriculum. The band members perform individually for UIL solo and ensemble contests and perform collectively in concerts and UIL Concert and Sight-Reading contests. Students who complete the fall semester will receive ½ credit in physical education. In addition, successful completion of the both semesters will receive 1 Fine Arts credit. One credit of physical education is required under all graduation plans. In physical education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically active lifestyle. The student exhibits a physically active lifestyle and understands the relationship between physical activity and health throughout the lifespan.

TECHNOLOGY APPLICATIONS

COMPUTER SCIENCE I

Grade 9-12

Credit: 1/No GPA

Prerequisite: None

This course will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

COMPUTER SCIENCE II

Grade 10-12

Credit: 1/No GPA

Prerequisite: Computer Science I, Algebra I

In this course, students will develop products and generate new understandings by extending existing knowledge. Students will collaborate with peers and will use software engineering to work in software design teams. Students will locate, analyze, process, and organize data while using critical thinking, problem solving, and decision making. Students will explore and understand safety, legal, cultural, and societal issues relating to the use of technology and information

FINE ARTS

ART I

Grade: 9-12

Credit: 1 / No GPA

This course is the prerequisite for all other art classes.

Students will explore all areas of art education. The principles and elements of design will be the focus. This course will experience both drawing and sculpture techniques. It is designed to expose students to a variety of skills and relevant artists.

ART II, III, IV DRAWING

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Art 1

Courses should be taken in II, III, and IV order.

This course is designed for students who are interested in developing their 2D drawing skills. Students will work with a variety of media from Ebony pencil, colored pencils, watercolor, acrylic paint, pen and ink, and pastels. This course supports the four basic strands - perception, creative expression/performance, historical/cultural heritage, and critical evaluation of the art essential knowledge and skills. Students will study relevant artists' work throughout art history.

ART II, III, IV 3-D SCULPTURE AND CERAMICS

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Art 1

Courses should be taken in II, III, and IV order.

This course is designed for students who are interested in developing their 3D sculpture skills. Students will explore and create different types of sculpture, such as wire, paper mache and clay. However, the primary focus will be in clay. This course supports the four basic strands - perception, creative expression/performance, historical/cultural heritage, and

critical evaluation of the art essential knowledge and skills. Students will study relevant sculptors' work throughout art history.

FLORAL DESIGN

Grade: 9-12

Credit: 1 / No GPA

Prerequisite: Principles of Agriculture Food and Natural Resources (AFNR) recommended

This course may satisfy a fine arts credit.

This course prepares for careers in floral design. This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. Students may obtain a Floral Certification with this course.

TENOR/BASS CHOIR I

Grade: 9-12

Credit: 1/No GPA

Prerequisite: None

This is a non-auditioned choir for males who desire to sing and learn to read music. Participants should have an interest in improving their ability to sing and perform. Students in this choir will sing a variety of songs ranging from basic to challenging music from a variety of different backgrounds and time periods. They will also learn to sight-read and learn music theory. Tenor/Bass Choir performs at 4-5 evening concerts each year. Participation in concert performance is required.

TENOR/BASS CHOIR II, III, IV

Grade: 10-12

Credit: 1/No GPA

Prerequisite: Successful completion of previous level, Teacher approval

This is a non-auditioned choir for males who desire to sing and learn to read music. Participants should have an interest in improving their ability to sing and perform. Students in this choir will sing a variety of songs ranging from basic to challenging music from a variety of different backgrounds and time periods. They will also learn to sight-read and learn music theory. Tenor/Bass Choir performs at 4-5 evening concerts each year. Participation in concert performance is required.

TREBLE CHOIR I

Grade: 9-12

Credit: 1/No GPA

Prerequisite: None

This is a non-auditioned choir for females who desire to sing and learn to read music. Participants should have an interest in improving their ability to sing and perform. Students in this choir will sing a variety of songs ranging from basic to challenging music from a variety of different backgrounds and time periods. They will also learn to sight-read and learn music theory. The Treble Choir performs at 4-5 evening concerts each year. Participation in concert performance is required.

TREBLE CHOIR II, III, IV

Grade: 10-12

Credit: 1/No GPA

Prerequisite: Successful completion of previous level, Teacher approval

This is a non-auditioned choir for females who desire to sing and learn to read music. Participants should have an interest in improving their ability to sing and perform. Students in this choir will sing a variety of songs ranging from basic to challenging music from a variety of different backgrounds and time periods. They will also learn to sight-read and learn

music theory. The Treble Choir performs at 4-5 evening concerts each year. Participation in concert performance is required.

VARSITY CHOIR I

Grade: 9-12

Credit: 1/ No GPA

Prerequisite: Individual audition with the teacher

This is an auditioned choir designed for advanced vocalists with a strongly established foundation in vocal music. The ability to read musical notation and sight-reading accurately is required. This ensemble performs a variety of advanced choral literature from all style periods. Varsity Choir participates in 4-5 evening concerts throughout the school year, UIL Concert and Sight-Reading contest in the spring, and numerous other performances both in and outside of school hours. This ensemble will occasionally employ choreography and movement in various performances. Members are required to participate in Region Choir Auditions in the fall and Solo & Ensemble Contest in the spring. Participation in concert performances and extra rehearsals is required.

VARSITY CHOIR II, III, IV

Grade: 10-12

Credit: 1/No GPA

Prerequisite: Successful completion of previous level, Teacher approval

This is an auditioned choir designed for advanced vocalists with a strongly established foundation in vocal music. The ability to read musical notation and sight-reading accurately is required. This ensemble performs a variety of advanced choral literature from all style periods. Varsity Choir participates in 4-5 evening concerts throughout the school year, UIL Concert and Sight-Reading contest in the spring, and numerous other performances both in and outside of school hours. This ensemble will occasionally employ choreography and movement in various performances. Members are required to participate in Region Choir Auditions in the fall and Solo & Ensemble Contest in the spring. Participation in concert performances and extra rehearsals is required.

THEATRE ARTS I

Grade: 9-12

Credit: 1 / No GPA

This course is the prerequisite for all other theatre arts classes.

This course may satisfy a fine arts credit.

This course is designed for students interested in acting and obtaining a basic theatre background. Theatre history, stage movement, vocal techniques, play production, and are included. Participation in after school rehearsals and/or public performances is not required.

TECHNICAL THEATRE I

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Theatre Arts I

This course may satisfy a fine arts credit.

Theater instruction with emphasis on set construction, costume design, sound, lighting, and prop management.

TECHNICAL THEATRE II, III

Grade: 11-12

Credit: 1 / No GPA

Prerequisite: successful completion of Technical Theatre I, teacher approval

This course provides practical hands-on experience stagecraft through the preparation and public performance of plays. This course may meet for a lengthened class period or outside of the regular school hours.

The class will also work on advanced design and construction experience; building portfolios and résumés for college auditions and interviews. All students must participate in main stage productions or other public performances, fundraisers, and attend after school rehearsals.

THEATRE PRODUCTION I

Grade: 9-12

Credit: 1 / No GPA

Prerequisite: Teacher approval, audition required, successful completion of Theatre I or Technical Theatre I

This course provides practical hands-on experience in acting and stagecraft through the preparation and public performance of plays. This course may meet for a lengthened class period or outside of the regular school hours for rehearsals.

Students will continue to explore advanced and in-depth acting techniques and theories and apply those techniques in the development of company warm-ups and performance exercises. Company members will gain further knowledge of critiquing, coaching, and directing procedures and begin developing theatrical résumés, as well as performance and directing portfolios for college auditions and interviews. These company members will be the core group who will be a part of our UIL One-Act Play contest performing company. Any production company member not cast in a role in the UIL OAP show will become part of a student directed one-act which will be held to the same guidelines as the main UIL OAP production. The student directors and actors will share in a public performance of their work. All members of the company must participate in main stage productions or other public performances, haunted house fundraiser, and Athens debate tournament

Technicians who have completed Technical Theatre I and wish to continue to develop their technical backgrounds, may submit an application. Technicians admitted into the production class will be technical leaders for the company and will act as shop supervisors, assistant technical directors, stage managers for main stage productions, and as technical directors for the student directed One-Acts. They will also be a part of the UIL OAP Technical Crew and gain further advanced design and construction experience; building portfolios and résumés for college auditions and interviews. All students must participate in main stage productions or other public performances, fundraisers, and attend after school rehearsals.

THEATRE PRODUCTION II , III, IV

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Successful completion of previous level, teacher approval, audition required

This course provides practical hands-on experience in acting and stagecraft through the preparation and public performance of plays. This course may meet for a lengthened class period or outside of the regular school hours. Participation in public performance is required.

Students will continue to explore advanced and in-depth acting techniques and theories and apply those techniques in the development of company warm-ups and performance exercises. Company members will gain further knowledge of critiquing, coaching, and directing procedures and begin developing theatrical résumés, as well as performance and directing portfolios for college auditions and interviews. These company members will be the core group who will be a part of our UIL One-Act Play contest performing company. Any production company member not cast in a role in the UIL OAP show will become part of a student directed one-act which will be held to the same guidelines as the main UIL OAP production. The student directors and actors will share in a public performance of their work. All members of the company must participate in main stage productions or other public performances, haunted house fundraiser, and Athens debate tournament

Technicians who have completed Technical Theatre 11 or Production I and wish to continue to develop their technical backgrounds, may submit an application. Technicians admitted into the production class will be technical leaders for the company and will act as shop supervisors, assistant technical directors, stage managers for main stage productions, and as technical directors for the student directed One-Acts. They will also be a part of the UIL OAP Technical Crew and gain

further advanced design and construction experience; building portfolios and résumés for college auditions and interviews. All students must participate in main stage productions or other public performances, fundraisers, and attend after school rehearsals.

PARTNERS IN THEATRE ARTS-ACTORS/SUPPORTING ACTORS

Grade: 9-12

Credit: 1 fine arts/ No GPA

Prerequisite: Placement by ARD committee for actors; Application process for supporting actors and teacher approval

This course may satisfy a fine arts credit.

Partners in Theatre Arts is an inclusive course that allows students to work collaboratively to learn the Theatre Arts Texas Essential Knowledge and Skills. This success-oriented course is for students with special learning needs and general education peers. General education students will support a peer with special learning needs to work through the theatrical/artistic process to practice theatre arts allowing for discovery and expression. Students who would like to be a supporting actor will submit an application and attend training upon their acceptance into the course. Training will prepare the general ed support actor to be successful in their mentor role. Initial training will include confidentiality, cueing, prompting, and positive reinforcement and will continue throughout the semester with mini-sessions.

Partners in Theatre Arts is focused on building independence, community, empathy, management skills, and artistic growth in a theatre arts learning environment for students of all levels. Partners in Theatre Arts emphasizes leadership skills in making connections in a partnership that may appeal to future educators, counselors, healthcare workers, or career coaches and advocates. Please see the AHS theatre teacher about the application process.

MUSIC BAND I, II

Grade: 9-12

Credit: 1 fine arts & .5 physical education/ No GPA

Prerequisite: Teacher Approval

The Pride of the Hornets Band is the performing band for Athens High School. Half-time performances and UIL Marching Band contests constitute the first term's curriculum. The band members perform individually for UIL solo and ensemble contests; perform collectively in concerts and UIL Concert and Sight-Reading contest(s). Students who complete the fall semester will receive ½ credit in physical education. In addition, successful completion of both semesters will receive 1 Fine Arts credit.

MUSIC BAND III, IV

Grade: 11-12

Credit: 1 / No GPA

Prerequisite: Teacher Approval

The Pride of the Hornets Band is the performing band for Athens High School. Half-time performances and UIL Marching Band contests constitute the first term's curriculum. The band members perform individually for UIL solo and ensemble contests; perform collectively in concerts and UIL Concert and Sight-Reading contest. In addition, successful completion of both semesters will receive 1 Fine Arts credit.

ADVANCED FINE ARTS

AP STUDIO ART: DRAWING PORTFOLIO

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Art 1 and student application

This course is designed for students who are seriously interested in exploring drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth will be explored through a variety of media. This course is designed to prepare the student to submit an AP portfolio. All students are expected to submit a portfolio for Advanced Placement review.

AP STUDIO ART: TWO-DIMENSIONAL DESIGN PORTFOLIO

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Art 1 and student application

This course is designed for students who are seriously interested in exploring 2-D design issues. Students will demonstrate a proficiency in 2-D design using a variety of art forms. These may include, but are not limited to, graphic design, digital imaging, photography, collage, illustration, printmaking, painting, etc. This course is designed to prepare the student to submit an AP portfolio. All students are expected to submit a portfolio for Advanced Placement review.

AP STUDIO ART: THREE-DIMENSIONAL DESIGN PORTFOLIO

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Art 1 and student application

This course is designed for students who are seriously interested in exploring 3-D design issues. Students will demonstrate a proficiency in 3-D design using a variety of art forms. These may include, but are not limited to, graphic design, digital imaging, photography, collage, illustration, printmaking, painting, clay, wood, plaster, mold-making, found objects, papier-mâché, metals, jewelry, glass, plastics, cardboard, paper and fibers, etc. This course is designed to prepare the student to submit an AP portfolio. All students are expected to submit a portfolio for Advanced Placement review.

AP HISTORY OF ART

Grade: 11-12

Credit: 1 / No GPA

Prerequisite: Art 1 and student application

This course will offer an in-depth exploration of the history of art from ancient times to the present. Through reading, research, slides, and videos, students will view significant artworks from around the world. Students will develop writing skills in the description, analysis, and comparison of these artworks. This course will prepare students for the AP Art History exam.

CAREER & TECHNOLOGY (CTE) COURSES

AGRICULTURE, FOOD & NATURAL RESOURCES

Agriculture, Food and Natural Resources Education is committed to preparing students for careers and life skills through education and training in food, fiber and natural resources. Instructional activities provide a well-rounded, practical approach to learning through three components: classroom education, hands-on supervised agricultural experience, and the student leadership organization Future Farmers of America (FFA). Courses provide a background in science, mathematics, and communications as well as hands-on experience in each subject area. FFA membership and participation provide opportunities for developing skills in leadership, cooperation, and citizenship. All courses must have adequate enrollment, staff, and funds to be offered.

RECOMMENDED COHERENT SEQUENCE OF COURSES

Applied Agriculture Engineering (Agriculture Mechanics Related Careers)

- Principles of Agriculture, Food, and Natural Resources (AFNR)
- Agriculture Mechanics and Metal Technologies
- Practicum in AFNR I or Agriculture Structures Design & Fabrications Lab
- Agricultural Equipment Design & Fabrication Lab or Practicum in AFNR 2

Animal Science Livestock Related Careers

- Principles of AFNR
- Small Animal Management(.5) plus Equine Science (.5)
- Livestock Production plus Advanced Animal Science (3rd science)
- Practicum in AFNR I

Animal Science Veterinary Medicine

- Principles of AFNR
- Small Animal Management (.5) plus Equine Science (.5)
- Veterinary Medical Applications plus Advanced Animal Science (3rd science)
- Veterinarian Medical App Lab

Plant Science Related Careers

- Floral Design
- Greenhouse Operation and Production
- Floral Design Lab plus Advanced Plant & Soil Science (3rd science)
- Advanced Floral Design

ADVANCED ANIMAL SCIENCE

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisite: Principles of AFNR recommended

Course may be used as a 3rd or 4th science credit.

This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through 40% field and laboratory experiences.

ADVANCED FLORAL DESIGN

Grade: 12

Credit: 2 / No GPA

Prerequisite: Floral Design

This course will provide more hands-on experiences for students who have successfully completed Floral Design. Students will build on techniques and materials previously learned and will be able to process orders from outside customers to allow for more “real-life” industry experiences. Additionally, the Floral Design Industry Certification through Texas State Workforce will be awarded to students who successfully complete the course.

ADVANCED PLANT AND SOIL SCIENCE

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisite: A minimum of one credit from AFNR courses

Course may be used as a 3rd or 4th science credit.

Plant and soil science provides a learning venue to the natural world. Students will learn how plant and soil science influences many other fields of science. This course is designed to prepare students for careers in the food and fiber industry. Students will learn, reinforce, apply, and transfer their knowledge in a scientific setting.

AGRICULTURE EQUIPMENT DESIGN AND FABRICATIONS LAB

Grade: 12

Credit: 2.0/ No GPA

Prerequisite: None

In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment

AGRICULTURAL MECHANICS AND METAL TECHNOLOGY

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Principles of AFNR

To be prepared for careers in agricultural power, structural, and technical systems, students need to attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metalworking techniques.

AGRICULTURE STRUCTURES DESIGN AND FABRICATIONS LAB

Grade: 11-12

Credit: 2.0/ No GPA

Prerequisite: none

In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication

EQUINE SCIENCE

(Paired with Small Animal Management)

Grade: 10

Credit: .5/ No GPA

Prerequisite: Principles of AFNR

To be prepared for a career in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. To prepare for success, students need to have opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings. Animal species to be addressed in this course may include but are not limited to horses, mules, and donkeys.

FLORAL DESIGN

Grade: 9-12

Credit: 1 / No GPA

Prerequisite: Principles of AFNR recommended

This course may satisfy a fine arts credit.

This course prepares for careers in floral design. This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. Students may obtain a Floral Certification with this course.

FLORAL DESIGN LAB

Grade: 11-12

Credit: 2.0/ No GPA

Prerequisite: None

Floral Design focuses on building advanced skills in floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event

GREENHOUSE OPERATION AND PRODUCTION

Grade: 10-12

Credit: 1.0/ No GPA

Prerequisite: None

Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

HORTICULTURE SCIENCE

Grades: 11-12

Credit: 1.0/ No GPA

Prerequisite: Principles of AFNR

This course is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production.

LIVESTOCK PRODUCTION

Grade: 10-12

Credit: 1.0/ No GPA

Prerequisite: Principles of AFNR

To be prepared for a career in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. To prepare for success, students need to have opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings. Animal species to be addressed in this course may include but are not limited to: beef cattle, dairy cattle, swine, sheep, goats, and poultry.

MATHEMATICAL APPLICATIONS IN AGRICULTURE, FOOD AND NATURAL RESOURCES

Grade: 12

Credit: 1 / GPA Level 3

Prerequisite: Principles of AFNR

Course may be used as the 4th year math credit.

Mathematical Applications in Agriculture, Food and Natural Resources prepares students for careers in agriculture, food, and natural resources. Students must acquire technical knowledge in the discipline as well as apply academic skills in mathematics. Students should apply knowledge and skills related to mathematics, including algebra, geometry, and data analysis in the context of agriculture, food, and natural resources.

PRACTICUM IN AFNR I (AG MECHANICS I, ANIMAL SCIENCE, PLANT SCIENCE)

Grade: 11-12

Credit: 2 - 3/ No GPA

Prerequisite: Agriculture Mechanics and Metal Technologies or Veterinary Applications, Floral Design

This lab course meets the equivalent of two hours per day. Students develop skills in the selection, operation, maintenance, service, and use of power units, machinery, equipment, structures, and utilities. This course also includes planning and selection of materials, mechanical practices associated with irrigation, water management, irrigation systems, land measuring, and leveling

PRACTICUM IN AFNR II (AG MECHANICS II, ANIMAL SCIENCE, PLANT SCIENCE)

Grade: 12

Prerequisite: Practicum in AFNR I

Credit: 2 - 3 / No GPA

This lab course meets the equivalent of two hours per day. Students develop skills in the selection, operation, maintenance, service, and use of power units, machinery, equipment, structures, and utilities. This course also includes planning and selection of materials, mechanical practices associated with irrigation, water management, irrigation systems, land measuring, and leveling.

PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES (AFNR)

Grade: 9-12

Credit: 1 / No GPA

Prerequisite: None

To be prepared for careers in agriculture, food and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings.

SMALL ANIMAL MANAGEMENT

(Paired with Equine Science)

Grade: 10

Credit: .5/ No GPA

Prerequisite: Principles of AFNR

To be prepared for careers in the field of animal science, students need to enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings. Suggested small animals which may be included in the course of study include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats.

VETERINARY MED APPLICATIONS

Grade: 11-12

Credit: .1.0/ No GPA

Prerequisite: Equine Science, Small Animal Management, or Livestock Production

Veterinary Medical Applications course scope and sequence within the Agriculture, Food, and Natural Resources Career Cluster® summarizes the content to be taught, and one possible order for teaching the units of instruction. A brief description of each unit and the corresponding TEKS are included. This scope and sequence may be adapted or adopted by the local education agency.

Vet Med provides an introduction to animal care, handling, health, safety, sanitation, surgical preparation, anatomy, physiology, and medical terminology. Students may be eligible to take the Certified Veterinary Assisting (CVA) exam offered by the Texas Veterinary Medical Association. Upon successful completion of the exam, students will need to properly document an additional 300 hours of clinical experience

VETERINARY MED APPLICATIONS LAB

Grade: 12

Credit: 2.0/ No GPA

Prerequisite: Equine Science, Small Animal Management, or Livestock Production

Veterinary Medical Applications course scope and sequence within the Agriculture, Food, and Natural Resources Career Cluster® summarizes the content to be taught, and one possible order for teaching the units of instruction. A brief description of each unit and the corresponding TEKS are included. This scope and sequence may be adapted or adopted by the local education agency.

Vet Med provides an introduction to animal care, handling, health, safety, sanitation, surgical preparation, anatomy, physiology, and medical terminology. Students may be eligible to take the Certified Veterinary Assisting (CVA) exam offered by the Texas Veterinary Medical Association. Upon successful completion of the exam, students will need to properly document an additional 300 hours of clinical experience.

ARTS, AUDIO/VIDEO (AV) TECHNOLOGY & COMMUNICATION

This comprehensive program provides students with meaningful instruction in arts, audio/visual technology, and communications. Emphasis is placed on designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. All courses must have adequate enrollment, staff, and funds to be offered.

RECOMMENDED COHERENT SEQUENCE OF COURSES

Digital Communications

- Principles of Arts, A/V Technology and Communication
- Audio Video Production 1
- Audio Video Production 2
- Practicum in Audio Video Production

Design & Multimedia Arts (Animation)

- Animation 1
- Animation 2
- Animation 2 Lab
- Practicum in Animation

Design & Multimedia Arts (Graphic Design)

- Graphic Design and Illustration 1
- Graphic Design and Illustration 2
- Graphic Design and Illustration 2 Lab
- Practicum in Graphic Design and Illustration or Career Preparation

ADVANCED ANIMATION

Grade: 11-12

Credit: 22 / No GPA

Prerequisite: Animation with a final average of 80 or above, teacher approval

Careers in animation span all aspects of motion graphics. 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 create two- and three-dimensional animations. The instruction also assists students seeking careers in the animation industry.

ADVANCED AUDIO VIDEO PRODUCTION 1

Grade: 10-12

Credit: 1/ No GPA

Prerequisite: Audio Video Production

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 audio format or an advanced format, including both audio and video.

ADVANCED AUDIO VIDEO PRODUCTION 2

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisite: Audio Video Production 1

Building upon the concepts taught in Audio/Video Production, 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 products. This course may be implemented in an audio format or a format with both audio and video.

ADVANCED PRINTING AND IMAGING TECHNOLOGY: (YEARBOOK II)

Grade: 12

Credit: 1/No GPA

Prerequisite: Printing and Imaging Technology: Yearbook I, teacher approval

This course introduces students to the advanced elements and processes of digital as well as magazine-type journalistic products, particularly the school yearbook. Students are taught steps of creating, organizing, publishing, and marketing The Athenian yearbook within a given period of time and within a given budget. Application in the spring is required in order to be approved for the following year. Yearbook staff size will be limited. While a strong background in grammar, composition, spelling, and punctuation is desirable, a willingness to work hard and meet deadlines is the most important characteristic of a successful staff member.

ANIMATION 1

Grade: 9-12

Credit: 1 / No GPA

Prerequisite: Graphic Design and Illustration

Careers in animation span all aspects of motion graphics. 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 history and techniques of the animation industry.

ANIMATION 2

Grade:10-12

Credit: 1 / No GPA

Prerequisite: Animation 1

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 create two-and three-dimensional animations. The instruction also assists students seeking careers in the animation industry

ANIMATION 2 LAB

Grade:11-12

Credit: 2 / No GPA

Prerequisite: Animation 1

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 create two-and three-dimensional animations. The instruction also assists students seeking careers in the animation industry

AUDIO VIDEO PRODUCTION 1

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Principles of Arts, Audio/Visual Technology and Communications

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 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.

AUDIO VIDEO PRODUCTION 2

Grade: 11-12

Credit: 1 / No GPA

Prerequisite: Principles of Arts, Audio/Visual Technology and Communications

Building upon the concepts taught in Audio/Video Production, 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 products. This course may be implemented in an audio format or a format with both audio and video.

GRAPHIC DESIGN AND ILLUSTRATION 1

Grade: 9-12

Credit: 1 / No GPA

Prerequisite: Principles of Art, Audio Visual Technology and Communication

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Students will develop knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Students will also be expected to develop an understanding of the industry with a focus on the fundamental elements and principles of visual art and design.

GRAPHIC DESIGN AND ILLUSTRATION 2

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Graphic Design & Illustration 1

Graphic Design & Illustration students learn how to effectively communicate using visual art and design. Every aspect of the course is carefully planned to prepare serious young designers to pursue any form of graphic design and illustration in college or as a profession. The cornerstones of this course are professionalism, intention, and risk-taking. Graphic Design students work independently and in creative teams in order to solve problems, visually communicate messages, and expand their skills into a digital medium. All students learn concepts such as color theory, typography, and the principles of design. Students then use this knowledge to solve real-world problems for actual businesses and organizations.

In order to be successful in this industry, designers must be able to succinctly communicate their ideas and connect with their audience. At the end of major projects, designers present their ideas to the client. Students will learn how to craft professional pitches and create a compelling visual presentation.

GRAPHIC DESIGN AND ILLUSTRATION 2 LAB

Grade: 11-12

Credit: 2 / No GPA

Prerequisite: Graphic Design & Illustration 1 Lab

Graphic Design and Illustration II course scope and sequence within the Arts, A/V Technology, and Communications Career Cluster® summarizes the content to be taught, and one possible order for teaching the units of instruction. A brief description of each unit and the corresponding TEKS are included. This scope and sequence may be adapted or adopted by the local education agency

PRACTICUM IN ANIMATION

Grade: 12

Credit: 2 / No GPA

Prerequisite: Animation 2 Lab

Building upon the concepts taught in Animation II and its corequisite Animation II Lab, 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 animation products in a professional environment. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

PRACTICUM IN AUDIO VIDEO PRODUCTION

Grade: 12

Credit: 2/ No GPA

Prerequisite: Audio Video Production 2 Lab

Building upon the concepts taught in Audio/Video Production II and its co-requisite Audio/Video Production II Lab, 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. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION

Grade: 12

Credit: 2/ No GPA

Prerequisite: Advanced Audio Video Production or Animation with a final average of 80 or above, teacher approval

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 a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities

PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY AND COMMUNICATION

Grade: 9-10

Credit: 1.0 / No GPA

Prerequisite: None

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.

PRINTING AND IMAGING TECHNOLOGY: (YEARBOOK I)

Grade: 11-12

Credit: 1 / No GPA

Prerequisite: Teacher approval

This course introduces students to the elements and processes of digital as well as magazine-type journalistic products, particularly the school yearbook. Students are taught to plan, organize, and lay out The Athenian yearbook within a given period of time and within a given budget. Application in the spring is required in order to be approved for the following year. Yearbook staff size will be limited. While a strong background in grammar, composition, spelling, and punctuation is desirable, a willingness to work hard and meet deadlines is the most important characteristic of a successful staff member.

ROBOTICS & AUTOMATION

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Principles of Arts, Audio/Visual Technology and Communications and with teacher approval

Students enrolled in this course will demonstrate knowledge and skills necessary for the robotic and automation industry. Through implementation of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their designs. Additionally, students explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

BUSINESS MANAGEMENT

This comprehensive program provides students with meaningful instruction both for business and about business and the implications for personal life. Major tasks emphasize developing effective oral and written communications, preparing and analyzing business records, operating appropriate equipment, utilizing software, and developing necessary knowledge and skills to interact successfully with others. The student leadership organization, Future Business Leaders of America (FBLA), contributes to the advancement of leadership, citizenship, personal growth, academic, and technological skills. All courses must have adequate enrollment, staff, and funds to be offered.

RECOMMENDED COHERENT SEQUENCE OF COURSES

Business Management (BIM)

- Principles of Business, Marketing and Finance
- Business Information Management I
- Business Information Management II
- Practicum in Business Management

Business Management

- Principles of Business, Marketing, and Finance
- Virtual Business (.5) plus Global Business (.5)
- Business Management
- Practicum in Business

ACCOUNTING I

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Principles of Business, Marketing, and Finance

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.

ACCOUNTING II

Grade: 11-12

Credit: 1 / No GPA

Prerequisite: Accounting I

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.

BUSINESS INFORMATION MANAGEMENT I (BIM I)

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: Principles of Business, Marketing, and Finance

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 and address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

BUSINESS INFORMATION MANAGEMENT II (BIM II)

Grade: 11-12

Credit: 1 / No GPA

Prerequisite: Principles of Business, Marketing, and Finance & Business Information Management I

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.

BUSINESS ENGLISH

Grade 12

Credit: 1/No GPA

Course may be used as the 4th year English credit. This course does not meet eligibility requirements for NCAA.

Students recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts for business reproduction.

BUSINESS LAW

Grades 11-12

Prerequisite: Principles of Business, Marketing, and Finance

Credit: 1.0/No GPA

Students analyze the social responsibility of business and industry regarding the significant issues relating to the legal environment, business ethics, torts, contracts, negotiable financial instruments, personal property, sales, warranties, business organizations, concept of agency and employment, and real property. Students apply technical skills to address business applications of contemporary legal issues. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

BUSINESS MANAGEMENT

Grade: 11-12

Credit: 1 / No GPA

Prerequisite: Principles of Business, Marketing, and Finance

Students recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students analyze the primary functions of management and leadership, which are planning, organizing, staffing, directing or leading, and controlling. Topics will incorporate social responsibility of business and industry. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad base of knowledge

that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate management decisions.

COMMUNITY BASED INSTRUCTION (CBI) I, II, III

Grade: 10-12

Credit: 1- 2

Prerequisite: Placement by ARD Committee

CBI is an off-campus program. Special needs students are accompanied by school staff to the training site and supervision is provided. The goal of this program is to provide appropriate individualized employment-related training toward eventual competitive employment. It is not to be misinterpreted as competitive employment placement. It is a course designed for students who are in the special education program.

FINANCIAL ANALYSIS

Grade 12

Credit: 1/No GPA

Prerequisite: Algebra I

Students will develop analytical skills by actively evaluating financial results of multiple businesses, interpreting results for stakeholders, and presenting strategic recommendations for performance improvement.

FINANCIAL MATH

Grade 12

Credit: 1/GPA Level 3

Prerequisite: Algebra I

Financial Mathematics is a course about personal money management. Students will apply critical thinking skills to analyze personal financial decisions based upon the current and projected economic factors. Math and calculations related to the real world experiences include some of the following: net pay, income taxes, calculate mortgage payment, property taxes, mortgage insurance, closing cost, interest cost, etc.

GLOBAL BUSINESS

(paired with Virtual Business)

Grades: 11-12

Credit: .5/ No GPA

Prerequisite: None

Global Business is designed for students to analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management

OCCUPATIONAL PREPARATION

Grade: 10-11

Credit: 1 / No GPA

Prerequisite: Placement by ARD Committee

A pre-vocational class designed to give students with special needs general vocational information. The main goal of this class is to help prepare students to enter the world of work so they can begin planning for future employment. This course can be used as a prerequisite to the vocational experience work study program. It is a course designed for students who are in the special education program.

PRINCIPLES OF BUSINESS, MARKETING AND FINANCE

Grade: 9-10

Credit: 1 / No GPA

Prerequisite: None

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.

PRACTICUM IN BUSINESS MANAGEMENT

Grade 12

Credits: 2/ No GPA

Prerequisites: Principles of Business, Marketing, and Finance & Business Management. Touch System Data Entry recommended.

The Practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

VIRTUAL BUSINESS

(paired with Global Business)

Grades: 11-12

Credit: .5/ No GPA

Prerequisite: None

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 book-keeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business.

VOCATIONAL EXPERIENCE (VAC)

Grade: 11-12

Credit: 2-3 / No GPA

This class is an instructional arrangement designed to teach general vocational skills to students with special needs through special education instruction and work experiences at job sites. Students are monitored by the vocational experience teacher. The goal is to prepare students with special needs to enter the world of work so they can be as self-sufficient as possible upon graduation from high school. The program's underlying philosophy is that the best way for these students to prepare for future employment is to build up a backlog of successful work experiences while still enrolled in high school. It is a course designed for students who are in the special education program.

CARPENTRY

Construction and Architecture Education is a comprehensive experience-based educational program that allows students to investigate and experience the means by which humans meet their needs and wants, solve problems, and extend their capabilities. Students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems. All courses must have adequate enrollment, staff, and funds to be offered.

RECOMMENDED SEQUENCE OF COURSES

Carpentry

- Principles of Construction
- Construction Technology I
- Construction Technology II
- Practicum in Construction Technology

Heating, Ventilation, Air Conditioning (HVAC) & Sheet Metal

- Principles of Construction
- HVAC and Refrigeration Technology I
- HVAC and Refrigeration Technology II
- Practicum in Construction Technology

CONSTRUCTION TECHNOLOGY I

Grades: 10-12

Credit: 2/No GPA

Prerequisite: Principles of Construction

Students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing

CONSTRUCTION TECHNOLOGY II

Grades: 11-12

Credit: 2/No GPA

Prerequisite: Construction Technology I

Students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills.

HVAC AND REFRIGERATION TECHNOLOGY I

Grades: 10-12

Credit: 1/No GPA

Prerequisite: Principles of Construction

Students will gain knowledge and skills needed to enter the industry as technicians in the HVAC and refrigeration industry or building maintenance industry, prepare for a postsecondary degree in a specified field of construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment.

HVAC AND REFRIGERATION TECHNOLOGY II

Grades: 11-12

Credit: 2/No GPA

Prerequisite: HVAC and Refrigeration Technology I

Students will gain advanced knowledge and skills needed to enter the industry as HVAC and refrigeration technicians or building maintenance technicians or supervisors, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in

safety, electrical theory, and use of tools, codes, installation of commercial HVAC equipment, heat pumps, and troubleshooting techniques, various duct systems, and maintenance practices.

PRACTICUM IN CONSTRUCTION TECHNOLOGY

Grade: 12

Credits: 2/ No GPA

Prerequisite: Construction Technology II

Instruction may be delivered through laboratory training or through career preparation delivery arrangements. Practicum in Construction Management is an occupationally specific course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom

PRINCIPLES OF CONSTRUCTION

Grades: 9-10

Credit: 1 / No GPA

Prerequisite: None

Requirement: Students may be required to purchase raw materials for projects.

This course focuses on designing, planning, managing, building, and maintaining the built environment. It is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools.

EDUCATION AND TRAINING

Education and Training prepares students for personal and family life across the life span as they manage the challenges of living and working in a diverse, global society. The program focus is on families, work, and their interrelationships. The student leadership organization, Family, Career, and Community Leaders of America (FCCLA), contributes to the advancement of leadership, citizenship, and personal growth. All courses must have adequate enrollment, staff, and funds to be offered.

RECOMMENDED COHERENT SEQUENCE OF COURSES

- Principles of Education and Training
- Child Development
- Child Guidance
- Practicum in Early Learning

CHILD DEVELOPMENT

Grade: 10-12

Credit: 1 / No GPA

Prerequisite: None

Child Development is a technical laboratory course that addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

CHILD GUIDANCE

Grades: 11-12

Credit: 2/No GPA

Prerequisite: Principles of Human Services, Child Development

This technical laboratory course addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children, including those with special needs.

HUMAN GROWTH & DEVELOPMENT

Grades: 10-12

Credit 1/No GPA

Prerequisite: Principles of Education and Training

Human Growth and Development is an examination of human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development

PRINCIPLES OF EDUCATION AND TRAINING

Grades: 9-10

Credit: 1 / No GPA

Prerequisite: None

Principles of Education and Training is designed to introduce learners to the various careers available within the education and training career cluster. Students use self-knowledge and educational and career information to analyze various careers within the education and training career cluster. Students will also gain an understanding of the basic knowledge and skills essential to careers within the education and training career cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

PRACTICUM IN EARLY LEARNING

Grades: 12

Credit: 2-3 / No GPA

Prerequisite: Instructional Practices

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students.

DAILY LIVING I, II, III, IV

Grade: 9-12

Credit:1/No GPA

Prerequisite: Placement by ARD Committee

This is a self-contained instructional setting that teaches independent life skills. It is a course designed for students who are in the special education program.

CULINARY ARTS

Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services. Athens ISD will concentrate on the Culinary Arts division of this cluster focusing on the fundamentals and principles of the art of cooking and the science of baking and includes

management and production skills and techniques. All courses must have adequate enrollment, staff, and funds to be offered.

RECOMMENDED COHERENT SEQUENCE OF COURSES

- Introduction to Culinary Arts
- Culinary Arts
- Advanced Culinary Arts
- Practicum in Culinary Arts

ADVANCED CULINARY ARTS

Grade: 11-12

Credit: 2/No GPA

Prerequisite: Culinary Arts

This course will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment.

CULINARY ARTS

Grade: 10-12

Credit: 2 / No GPA

Prerequisite: Intro to Culinary Arts

Culinary Arts reinforces information learned in the previous course, further explores careers in food service, and expands on the basic skills and knowledge needed for success in the food service industry. Areas of study includes: successful customer relations, preparing and serving safe food, preventing accidents and injuries, kitchen basics, food-service equipment, nutrition, and preparing for a successful career. Culinary Arts uses the Pro-Start curriculum developed by the National Restaurant Association and the Food-Service Prep Curriculum developed by the Texas Restaurant Association as part of the school-to-career approach to learning.

INTRODUCTION TO CULINARY ARTS

Grades: 9-12

Credit: 1/No GPA

Prerequisite: Principles of Hospitality and Tourism

This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. 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.

PRACTICUM IN CULINARY ARTS I

Grade: 12

Credit: 2 / No GPA

Prerequisite: Culinary Arts, interested in working in the restaurant, teacher approval

This course prepares students with advanced applications in kitchen equipment, organization and operations, sanitation, quality control, quantity food preparation and cooking skills. In this course, students will learn and practice culinary skills and use commercial food service equipment to prepare food for class projects and banquet functions. Skills developed in this program include food identification, food selection, food storage, safety, sanitation and personal hygiene. Nutrition, special diets and management of food establishments will also be addressed. In addition, students will explore career opportunities in the field and will develop communication, human relations and employability skills needed to be successful in acquiring and holding a job or pursuing a post-secondary culinary arts education.

HEALTHCARE THERAPEUTIC

Health Science Education is a comprehensive secondary education program for students who have an interest and desire to explore health career choices. Students may determine two hospital services in which to gain in-depth experience and apply for training and/or certification including CNA or Pharmacy Tech. Students enhance their academic foundation through a strong science-based enrichment curriculum. Industry partnerships provide students with valuable hands-on experiences so students learn to deliver safe, effective, efficient, quality health care. Emphasis is placed on safety, communication skills, ethical and legal responsibilities, teaming, systems, and the technology utilized in health care. A student is eligible to take both courses, one per year given they are not Principles of HST and HST. Opportunities for leadership and citizenship development are available through membership and participation in Health Occupations Students of America (HOSA). This student professional organization provides opportunities for leadership development, knowledge, and skill recognition through the competitive events program and community service projects. All courses must have adequate enrollment, staff, and funds to be offered.

RECOMMENDED COHERENT SEQUENCE OF COURSES

Healthcare Therapeutic

- Principles of Health Science
- Health Science Theory
- Medical Terminology plus Anatomy & Physiology (3rd science)
- Practicum in Health Science or Medical Assistant

ANATOMY AND PHYSIOLOGY

Grade: 11-12

Credit: 1 / GPA Level 3

Prerequisite: Biology or Pre-AP Biology. Medical Terminology is recommended

Course may be used as the 4th science credit.

This is a laboratory and lecture college preparatory course designed to study the structures and functions of the human body. It is an extensive study of medical terminology, body organization, body tissues, and embryology. The following body systems will be studied in depth: integumentary, skeletal, muscular, circulatory, cardiovascular, digestive, respiratory, excretory, and reproduction. This course is very useful for students who are interested in all areas of medicine such as nursing, medical technology, surgical technology, and pharmacology. This course must include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry. Enhanced curriculum content and a research component are included.

HEALTH EDUCATION

(Paired with Interpersonal Studies)

Grade: 9

Credit: .5/ No GPA

Prerequisite: None

This locally required course focuses on important skills and knowledge in nutrition; physical activity; the dangers of substance use and abuse; injury prevention and safety; growth and development; and personal health, environmental conservation, and community health resources.

HEALTH SCIENCE THEORY

Grade: 10 – 12

Credit: 1 / No GPA

Prerequisite: Principles of Health Science, Biology

This course provides a more in depth exploration of careers, and skills needed in related to the healthcare industry such as taking vital signs, body mechanics, medical terminology and other entry level nursing skills. Course content relates to patient relationships, working environments, ethical and legal responsibilities. Varied health care occupations are explored to aid students in career selection and prepare them for future employment. Students begin to apply knowledge in anatomy, physiology, medical terminology, develop and practice employable skills for those going into a health care field.

INTERPERSONAL STUDIES

(paired with HEALTH)

Grade 9

Credit: .5/No GPA

Prerequisite: None

Students will investigate careers, learning styles, and learn to build personal and interpersonal relationships with peers. Students will be exposed to a variety of study skills, techniques and other skills necessary to be successful in the academic and work environment.

MEDICAL TERMINOLOGY

Grade: 11-12

Credit: 1.0/ No GPA

Prerequisite: Principles of Health Science

This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

PRINCIPLES OF HEALTH SCIENCE

Grade 9-10

Credit: 1/No GPA

Prerequisite: None

Principles of Health Science Technology is the introductory course for the Health Science Pathway. The course familiarizes the student with the multitude of careers in the health care system. Students are exposed to the health care system by investigating the history of medicine, safety practices used by medical professionals, communication skills, ethics, and leadership skills, including the use of parliamentary procedure. Students learn about preventive medicine, as well as participating in career planning and developing life skills. The students are taught to view the health care system as consumers as well as potential health care professionals. The course culminates with certification in first aid and cardiopulmonary resuscitation with the AED.

PRACTICUM IN HEALTH SCIENCE I (MEDICAL ASSISTANT)

Grade: 12

Credit: 2 / No GPA

Prerequisite: Health Science and teacher approval

Note: Students will not be able to test for certification until their 18th birthday but will be able to sit for the test if that date is after graduation.

This program prepares students to be multi-skilled allied health professionals specifically trained in administrative, laboratory and clinical procedures. Students will engage in laboratory simulations as well as traditional classroom work. Students will learn how to complete job duties including how to take vital signs, administer medications, perform EKGs, draw labs and prepare the samples, as well as administrative tasks such as scheduling patient appointments. . Students may be eligible to take the Certified Medical Assisting Exam at the

completion of the course after their 18th birthday. Students may be eligible to take a Medical Assisting certification exam.

LAW ENFORCEMENT

Students in law, public safety, corrections and security learn and practice skills that prepare them for diverse post-high school education and training opportunities, from apprenticeships and two-year college programs to four-year college and graduate programs. Possible career pathway models in Law, Public Safety, Corrections, & Security include: Legal Services, Law Enforcement Services, Security and Protective Services, Emergency and Fire Management Services, and Correction Services.

RECOMMENDED COURSE SEQUENCE

Law Enforcement (Law)

- Principles of Law, Public Safety, Corrections, and Security
- Law Enforcement 1
- Law Enforcement 2 plus Forensic Science (3rd science)
- Practicum in Law, Public Safety, Corrections, and Services

CORRECTIONAL SERVICES

Grades 10-12

Credit: 1/No GPA

Prerequisite: Principles of Law, Public Safety, Corrections, and Security.

In Correctional Services, students prepare for certification required for employment as a correctional officer. The student will learn the role and responsibilities of a correctional officer; discuss relevant rules, regulations, and laws; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the correctional setting. The student will analyze rehabilitation and alternatives to institutionalization.

COURT SYSTEMS AND PRACTICES

Grades 11-12

Credit: 1/No GPA

Prerequisite: Law Enforcement I

Court Systems and Practices is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation.

COUNSELING AND MENTAL HEALTH

Grade: 10-12

Credit: 1/ No GPA

Prerequisite: Principles of Health Science or Principles of Human Services

Students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations, and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities

LAW ENFORCEMENT I

Grades: 10-12

Credit: 1/No GPA

Prerequisite: Principles of Law, Public Safety, Corrections, and Security

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

LAW ENFORCEMENT II

Grades: 11-12

Credit: 1/No GPA

Prerequisite: Law Enforcement I

Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony.

FORENSIC SCIENCE

Grades: 11-12

Credit: 1/GPA 3

Prerequisites: Biology & Chemistry. Law Enforcement I recommended

Course may be used as the 3rd or 4th science credit.

This course 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

PRACTICUM OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

Grades 12

Credit: 2/No GPA

Prerequisite: Law Enforcement II

Practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

Grades: 9-10

Credit: 1/No GPA

Prerequisite: None

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

PROGRAM OF STUDY QUICK REFERENCE CHART

CTE Programs of Study 2025-2026								
	Animal Science (Livestock)	Animal Science (Veterinary Medicine)	Applied Agriculture Engineering (similar to welding)	Business Management	Business Management (BIM)	Carpentry	Culinary Arts	Digital Communications (AV)
	Dual/AA and Industry	Dual/AA and Industry	Dual/AA and Industry	Dual/AA and Industry	Dual/AA and Industry	Dual/AA and Industry	Dual/AA and Industry	Dual/AA and Industry
9th	Principles of AFNR- L1	Principles of AFNR	Principles of AFNR-	Principles of Business, Marketing & Finance- L1	Principles of Business, Marketing & Finance- L1	Principles of Construction- L1	Introduction to Culinary Arts- L1	Principles of Arts, A/V Technology, and Communications- L1
10th	Equine Science AND Small Animal Management- L2	Equine Science AND Small Animal Management- L2	Ag Mechanics and Metal Technology- L2	Virtual Business- L2 AND Global Business- L3	Business Information Management 1- L1	*Construction Technology 1- L2	*Culinary Arts- L2 (Foundations of Restaurant Management)- L2	A/V Production 1- L2
11th	Livestock (Production- L3 AND Advanced Animal Science- L4 (3rd science))	Veterinary Med Applications- L4 AND Advanced Animal Science- L4 (3rd science)	*Agricultural Structures Design AND Fabrications Lab- L3 OR *Practicum of AFNR 1 L4	Business Management- L3	Business Information Management 2- L2	*Construction Technology 2- L3	*Advanced Culinary Arts - L3	A/V Production 2- L3
12th	*Practicum in AFNR- L4	*Vet Med App Lab- L4	*Agricultural Equipment Design and Fabrication Lab- L4 OR *Practicum AFNR 2- L4	*Practicum in Business Management- L4	*Practicum in Business Management- L4	*Practicum in Construction Technology- L4	*Practicum in Culinary Arts- L3	*Practicum A/V Production- L4
	Graphic Design & Multimedia Arts	Healthcare Therapeutic	HVAC and Sheet Metal	Law Enforcement	Plant Science	Teaching and Training		
	Dual/AA and Industry	Public Service	Dual/AA and Industry	Public Service	Dual/AA and Industry	Public Service		
9th	Principles of Arts, A/V Technology, and Communications- L1	Principles of Health Science- L1	Principles of Construction- L1	Principles of Law, Public Safety, Corrections, and Services- L1	*Floral Design- L3 OR *Principles of AFNR	Principles of Education and Training- L1	*In order to declare Plant Science as an endorsement PAFNR must be taken	
10th	Graphic Design and Illustration I/ Lab L2	Health Science Theory- L3	*HVAC and Refrigeration Technology 1 - L2	Law Enforcement 1- L2	Greenhouse Operation and Production- L2	Child Development- L2	Concentrator: A student served by an LEA who has completed two or more courses for at least 2 credits in a single program of study.	
11th	*Graphic Design and Illustration 2 Lab- L3	Medical Terminology- L2 AND Anatomy and Physiology- L3 (3rd science)	*HVAC and Refrigeration Technology 2 - L3 Sheet Metal	Law Enforcement 2- L3 AND Forensic Science- L4 (3rd science)	*Floral Design Lab- L3	*Instructional Practices -L3	Completer: A student served by an LEA who has completed 3 or more courses for 4 or more credits including an advanced course (level 3 or level 4) within an approved program of study *Completion of ISC in approved POS	
12th	*Practicum in Graphic Design and Illustration- L4	*Practicum in Health Science- L4	*Practicum in Construction Technology- L4	*Practicum in LPSCS- L4	Advanced Floral Design- L4	*Practicum in Education & Training- L4	These definitions were implemented in 2020-2021. https://tes.texas.gov/files/default/files/cte-auto-codes-development-program.pdf	
Non-CTE Programs of Study								
	4x4	Advanced	Dual Credit	Fine Arts	Debate	STEM Math	STEM Science	Journalism & Yearbook (English Elective)
	Multidisciplinary	Multidisciplinary	Multidisciplinary	Arts & Humanities	Business & Industry	STEM	STEM	Dual/AA and Industry
9th	English, Math, Science, Social Studies	English, Math, Science, Social Studies	English, Math, Science, Social Studies	Art 1, Band 1, Choir 1, OR Theater 1	Public Speaking	Algebra 1	Biology	Journalism 1
10th	2nd Subsequent Class	2nd Subsequent Class	2nd Subsequent Class	2nd Subsequent Class	Debate 1	Geometry AND Algebra 2	Chemistry	Yearbook 1
11th	3rd Subsequent Class, to include World Geography	3rd Subsequent Class, to include World Geography	3rd Subsequent Class, to include World Geography OR DC equivalent	3rd Subsequent Class OR another First FA Class	Debate 2	AP Pre-Calculus OR Statistics AP OR TVCC College Algebra	AP Physics	Yearbook 2
12th	4th Subsequent Class, to include English 4	4th Subsequent Class, to include Business English	4th Subsequent Class OR DC equivalent	4th Subsequent Class OR a Second FA Class	Debate 3	AP/AB Calculus OR Statistics AP OR TVCC College Algebra	(+) 2 more Honors, AP OR TVCC Science classes	Yearbook 3

APPROVED TVCC DUAL CREDIT COURSES

APPENDIX A: APPROVED TVCC DUAL CREDIT COURSES

TVCC COURSE NAMES	AHS TRANSCRIPTED COURSE
AGAH 1447 ANIMAL REPRODUCTION	ADV ANIMAL SCIENCE
AGEQ 1411 EQUINE SCIENCE	EQUINE SCIENCE
AGRI 1307 AGRONOMY	ADV PLANT & SOIL SCIENCE
AGRI 2301 AGRICULTURAL POWER UNITS	AG POWER SYSTEMS
AGRI 2303 AGRICULTURAL FACILITIES DESIGN AND FABRICATION	AG STRUCTURES DESIGN & FABRICATION
ARTS 1301 ART APPRECIATION	ART 1 APPRECIATION
ARTS 1316 DRAWING I	ART 2 DRAWING
ARTS 1317 DRAWING II	ART 3 DRAWING
ARTS 2316 PAINTING I	ART 2 PAINTING
ARTS 2317 PAINTING II	ART 3 PAINTING
ARTS 2346 CERAMICS I	ART 2 CERAMICS
BCIS 1305 BUSINESS COMPUTER APPLICATIONS	BUS INFO MGMT I
BIOL 1406 BIOLOGY FOR SCIENCE MAJORS I	AP-BIOLOGY A
BIOL 1407 BIOLOGY FOR SCIENCE MAJORS II	AP-BIOLOGY B
BIOL 1408 BIOLOGY FOR NON SCIENCE MAJORS I	AP-BIOLOGY A
BIOL 1409 BIOLOGY FOR NON SCIENCE MAJORS I	AP-BIOLOGY B
BIOL 1411 GENERAL BOTANY	HORTICULTURE SCIENCE
BIOL 1413 GENERAL ZOOLOGY	SCIENTIFIC RESEARCH & DESIGN
BIOL 2401 ANATOMY AND PHYSIOLOGY 1	ANATOMY & PHYSIOLOGY A
BIOL 2402 ANATOMY AND PHYSIOLOGY 2	ANATOMY & PHYSIOLOGY B

BIOL 2404 ANATOMY AND PHYSIOLOGY (single semester)	ANATOMY & PHYSIOLOGY AB
BMGT 1327 PRINCIPLES OF MANAGEMENT	BUSINESS MANAGEMENT
BUSG 1301 INTRODUCTION TO BUSINESS	PRINCIPLES OF BUSINESS, MARKETING, & FINANCE
BUSG 2301 BUSINESS LAW	BUSINESS LAW
CDEC 1419 CHILD GUIDANCE	CHILD GUIDANCE
CHEM 1411 GENERAL CHEMISTRY I	SCIENTIFIC RESEARCH & DESIGN A
GENERAL CHEMISTRY II	SCIENTIFIC RESEARCH & DESIGN B
COMM 1318 PHOTOGRAPHY I	COMMERCIAL PHOTOGRAPHY 1
COMM 1319 PHOTOGRAPHY II	COMMERCIAL PHOTOGRAPHY 2
COMM 2332 RADIO /TELEVISION NEWS	PRIN ARTS/AV TECH & COMM
COSC 1309 LOGIC DESIGN	LOGIC 1
COSC 1336 PROGRAMMING FUNDAMENTALS 1	COMPUTER PROGRAMMING 1
COSC 1337 PROGRAMMING FUNDAMENTALS 2	COMPUTER PROGRAMMING 2
CJLE 1394 SPECIAL TOPICS IN LAW ENFORCEMENT (extreme criminality)	FORENSIC SCIENCE
CRIJ 1301 INTRODUCTION TO CRIMINAL JUSTICE	PRIN LAW, PUB SAFETY, CORRECT, & SECURITY
CRIJ 1306 THE COURTS AND CRIMINAL PROCEDURES	COURT SYSTEMS AND PRACTICES
CRIJ 1307 CRIME IN AMERICA	FEDERAL LAW ENFORCE & PROTECT SVCS
CRIJ 1310 FUNDAMENTALS OF CRIMINAL LAW	LAW ENFORCEMENT 1
CRIJ 1313 JUVENILE JUSTICE SYSTEM	PRIN LAW, PUB SAFETY, CORRECT, & SECURITY
CRIJ 2313 CORRECTIONAL SYSTEMS AND PRACTICES	CORRECTIONAL SERVICES
CRIJ 2314 CRIMINAL INVESTIGATION	CRIMINAL INVESTIGATION

CRIJ 2323 LEGAL ASPECTS OF LAW ENFORCEMENT	LAW ENFORCEMENT 2
CRIJ 2328 POLICE SYSTEMS AND PRACTICE	PRACTICUM LAW, PUBLIC SAFETY, CORRECT, & SECURITY 1
DFTG 1333 MECHANICAL DRAFTING	ARCHITECTURAL DESIGN I
DFTG 1357 SPECIALIZED INTERMEDIATE COMPUTER AIDED DRAFTING (CAD)	ENGINEERING DESIGN & PRESENTATION I
DRAM 1310 INTRODUCTION TO THEATRE	THEATRE 1
DRAM 1322 STAGE MOVEMENT	THEATRE PRODUCTION 2
DRAM 1330 STAGECRAFT I	TECHNICAL THEATRE 2 STAGECRAFT
DRAM 1341 MAKEUP FOR STAGE	THEATRE 2 MAKE-UP
DRAM 1342 TECHNICAL THEATRE: STAGE COSTUMING	THEATRE 2 COSTUME
DRAM 1351 ACTING I	THEATRE 1 PRODUCTION
DRAM 1352 ACTING II	THEATRE 2 PRODUCTION
DRAM 2331 STAGECRAFT II	THEATRE 3 ADV STAGECRAFT
ECON 2301 PRINCIPLES OF MACROECONOMICS	ECO-FE
EDUC 1301 INTRODUCTION TO TEACHING PROFESSION	PRINCIPLES OF EDUCATION & TRAINING
ELPT 1311 BASIC ELECTRICAL THEORY	AC/DC ELECTRONICS
ENGL 1301 ENGLISH COMPOSITION I	ENG 3A
ENGL 1302 ENGLISH COMPOSITION II	ENG 3B
ENGL 1301 ENGLISH COMPOSITION I	IND ENG A (DOES NOT COUNT AS ENGLISH 4)
ENGL 1302 ENGLISH COMPOSITION II	IND ENG B (DOES NOT COUNT AS ENGLISH 4)
ENGL 2311 TECHNICAL WRITING	TECHNICAL WRITING
ENGL 2322 BRITISH LITERATURE I	ENG 4A
ENGL 2323 BRITISH LITERATURE II	ENG 4B
ENGL 2332 WORLD LITERATURE I	ENG 4A
ENGL 2333 WORLD LITERATURE II	ENG 4B

GEOG 1303 WORLD REGIONAL GEOGRAPHY	WORLD GEOGRAPHY
GOVT 2305 US GOVERNMENT AND CONSTITUTION	GOVT
GOVT 2306 TEXAS GOVERNMENT AND CONSTITUTION	SPTSS3 (SPEC TOPICS SOC STUDIES 3)
HART 1300 DUCT FABRICATION	PRINCIPLES OF MANUFACTURING
HART 1301 BASIC ELECTRICITY FOR HVAC	ELECTRICAL TECHNOLOGY 1
HART 1303 AIR CONDITIONING CONTROLS	HEATING, VENTILATION, & AIR CONDITIONING 1
HART 1307 REFRIGERATIONS PRINCIPLES	ELECTRICAL TECHNOLOGY 2
HART 1341 RESIDENTIAL AIR CONDITIONING	HEATING, VENTILATION, & AIR CONDITIONING 2
HART 1345 GAS & ELECTRIC HEATING	PLUMBING TECHNOLOGY 1
HART 2336 AIR CONDITIONING TROUBLESHOOTING	PROJECT BASED RESEARCH 1
HART 2338 AIR CONDITIONING INSTALLATION & STARTUP	BUILDING MAINTENANCE 1
HART 2345 RESIDENTIAL AIR & CONDITIONING SYSTEMS DESIGN	BUILDING MAINTENANCE 2
HART 1266 PRACTICUM HVAC I	PRACTICUM IN CONSTRUCTION MGMT 1
HART 2349 HEAT PUMPS	PLUMBING TECHNOLOGY 2
HART 1267 PRACTICUM HVAC II	PRACTICUM IN CONSTRUCTION MGMT 2
HIST 1301 UNITED STATES HISTORY I	SSADV1 A (SOCIAL STUDIES ADV 1)
HIST 1302 UNITED STATES HISTORY II	SSADV1 B (SOCIAL STUDIES ADV 1)
HIST 2301 TEXAS HISTORY	SSADV2 (SOCIAL STUDIES ADV 2)
HUMA 1301 INTRODUCTION TO HUMANITIES	HUMANITIES
INMT 1343 COMPUTER AIDED DESIGN/COMPUTER AIDED MFTG (CAD/CAM)	INTRO TO COMPUTER AIDED DESIGN

ITSC 1301 INTRODUCTION TO COMPUTER SCIENCE	COMPUTER SCIENCE I
ITSC 1305 INTRODUCTION TO PC OPERATING SYSTEMS	PRINCIPLES OF INFORMATION TECHNOLOGY
ITSC 1325 PERSONAL COMPUTER HARDWARE	COMPUTER MAINTENANCE
ITSC 1391 SPECIAL TOPICS IN COMPUTER PROGRAMMING	COMPUTER PROGRAMMING 2
KINE 1304 PERSONAL/COMMUNITY HEALTH	HEALTH ED
KINE 1306 FIRST AID	ADV HEALTH ED
KINE 1346 SUBSTANCE USE AND ABUSE	ACADEMIC ELECTIVE
KINE 2356 CARE AND PREVENTION OF ATHLETIC INJURIES	SPORTS MED 1
MATH 1314 COLLEGE ALGEBRA	COLLEGE ALGEBRA
MATH 1332 CONTEMPORARY MATHEMATICS	CONTEMPORARY MATH
MATH 1342 ELEMENTARY STATISTICAL METHODS	STATS
MATH 1324 MATH FOR BUSINESS I	FINANCIAL MATH A
MATH 1325 MATH FOR BUSINESS II	FINANCIAL MATH B
MATH 2312 PRECALCULUS	PRE CALCULUS
MATH 2413 CALCULUS I	MULTIVARIABLE CALCULUS
MCHN 1320 PRECISION TOOLS AND MEASUREMENT	PRECISION METAL MANUFACTURING 1
MCHN 1338 BASIC MACHINE SHOP I	PRINCIPLES OF MANUFACTURING
MCHN 2335 ADVANCED CNC MACHINING	MANUFACTURING ENGINEERING TECH 2
MCHN 2341 ADVANCED MACHINING I	PRECISION METAL MANUFACTURING 2
MCHN 2344 COMPUTERIZED NUMERICAL CONTROL PROGRAMMING	MANUFACTURING ENGINEERING TECH 1
MDCA 1313 MEDICAL TERMINOLOGY	MEDICAL TERMINOLOGY
MRKG 1311 PRINCIPLES OF MARKETING	ADVERTISING

MUSI 1306 MUSIC APPRECIATION	MUSIC APPRECIATION 1
MUSI 1311 AMERICAN POPULAR MUSIC	MUSIC THEORY 1
NURA 1407 BODY SYSTEMS	HUMAN BODY SYSTEMS
PHIL 1304 INTRODUCTION TO WORLD RELIGION	HUMANITIES 2
PHIL 2306 INTRODUCTION TO ETHICS	SPTSS (SPECIAL TOPICS SOC STUDIES 4)
PHYS 1401 COLLEGE PHYSICS I	PHYSICS A
PHYS 1402 COLLEGE PHYSICS II	PHYSICS B
PHYS 1415 PHYSICAL SCIENCE I	ESS A
PHYS 1415 PHYSICAL SCIENCE II	ESS B
PHYS 2425 UNIVERSITY PHYSICS I	MODPHY A
PHYS 2426 UNIVERSITY PHYSICS II	MODPHY B
POFT 1120 JOB SEARCH SKILLS	GENERAL EMPLOYABILITY
POFT 1301 BUSINESS ENGLISH	BUSINESS ENGLISH
POFT 1429 BASIC KEYBOARDING	TOUCH DATA ENTRY
POFT 2312 BUSINESS CORRESPONDENCE AND COMMUNICATION	COMMUNICATION APPLICATIONS
PSYC 1300/EDUC 1300 LEARNING FRAMEWORK	COLLEGE TRAINING
PSYC 2301 GENERAL PSYCHOLOGY	PSYCHOLOGY
PSYC 2314 LIFESPAN GROWTH AND DEVELOPMENT	HUMAN GROWTH & DEVELOPMENT
SOCI 1301 INTRODUCTION TO SOCIOLOGY	SOCIOLOGY
SOCI 1303 SOCIAL PROBLEMS	SPTSS2 (SPECIAL TOPICS SOC STUDIES 2)
SPAN 1411 ELEMENTARY SPANISH I (IF STUDENT HAS HS SPAN I CREDIT)	SPECIAL TOPICS IN LANGUAGE & CULTURE
SPAN 1411 ELEMENTARY SPANISH I	SPAN I
SPAN 1412 ELEMENTARY SPANISH II	SPAN II
SPCH 1315 PUBLIC SPEAKING	PROFESSIONAL COMMUNICATIONS

SPCH 1321 BUSINESS AND PROFESSIONAL COMMUNICATION	PROFESSIONAL COMMUNICATIONS
TECA 1303 THE FAMILY AND THE COMMUNITY	FAMILY & COMMUNITY SERVICES
TECA 1318 WELLNESS OF THE YOUNG CHILD	LIFETIME NUTRITION & WELLNESS
TECA 1354 CHILD GROWTH AND DEVELOPMENT	CHILD DEVELOPMENT
WLDG 1323 WELDING, SAFETY, TOOLS, AND EQUIPMENT	OCCUPATIONAL SAFETY & ENVIRONMENTAL TECH 1
WLDG 1421 INTRODUCTION TO WELDING FUNDAMENTALS	INTRO TO WELDING
WLDG 1557 INTERMEDIATE SHIELDED METAL ARC WELDING	WELDING 1A
WLDG 2443 ADVANCED SHIELDED METAL ARC WELDING	WELDING 1B
WLDG 1317 INTRODUCTION TO LAYOUT AND DESIGN	METAL FABRICATION & MACHINING 1
WLDG 1530 INTRODUCTION TO GAS METAL ARC WELDING	PRECISION METAL MANUFACTURING 2
WLDG 1435 INTRODUCTION TO PIPE WELDING	PRECISION METAL MANUFACTURING 2
WLDG 1391 SPECIAL TOPICS IN WELDER/WELDING TECHNOLOGIES	AGSDF

AVAILABLE INDUSTRY CERTIFICATIONS

APPENDIX B: AVAILABLE INDUSTRY CERTIFICATIONS

Students accepted into these programs may earn dual credit college hours while also receiving a variety of levels of certifications. Students must apply with their counselor to enroll in the program with parental permission.

Arts, A/V Technology, and Communications	
Adobe Certified Associate Visual Communication using Adobe Flash	Animation
Adobe Certified Associate Visual Communication using Adobe Photoshop	Graphic Design & Illustration
Adobe Certified Associate Visual Communication using Adobe Premiere Pro	Audio Visual Productions
Adobe Certified Expert	Digital and Interactive Media
Business Education	
Microsoft Office Specialist (MOS)	Business Information Management II
Microsoft Office Expert-Excel	Business Information Management II
Microsoft Office Expert-Word	Business Information Management II
Adobe Certified Expert	Digital and Interactive Media
Microsoft Office Core-Word & Excel	Business Information Management I
Microsoft Office Expert-Word & Excel	Business Information Management II
Agriculture Food and Natural Resources	
NCCER CORE	Intro to Mech and Metal
AWS/SENSE Level 1 Entry Level Welder	Practicum in AFNR
NCCER Level I Welding	Practicum in AFNR

Certified Vet Assistant Level I	Vet Medical Applications
Fine Arts	
Floral Design	Principles and Elements of Floral Design
Health Science Technology Education	
Certified Medical Assistant	Practicum in Health Science MA
Certified Nurse's Assistant	Practicum in Health Science CNA
Pharmacy Technician	Practicum in Health Science II PT
Emergency Medical Technician	Practicum in Health Science II EMT
Hospitality and Tourism/Human Services	
Serve Safe Certification	Restaurant Management or Culinary Arts
ProStart I	Culinary Arts
ProStart II	Practicum in Culinary Arts
Nail Tech	Cosmetology available at TVCC only
Educational Aide Certificate	Practicum in Education and Training
Architecture Construction and Manufacturing	
Turbo Cad	Engineering Design and Presentation
Solid Works Professional	Mechanical Engineering Technology
NCCER Level I in Construction Technology	Construction Technology
NCCER Level I in HVAC	HVAC

APPENDIX C: AVAILABLE TVCC WORKFORCE CERTIFICATIONS

AVAILABLE TVCC WORKFORCE CERTIFICATIONS

Automotive Technology

ASC Auto Certification

Criminal Justice

Criminal Justice Correctional Systems

Criminal Justice Law Enforcement

Early Childhood Education

Mechanical Engineering & Technology

Marketable Skills Award

Networking – Network+ Certification MSA (9 credit hours):

Network+ certification is the sign of a qualified networking professional. Courses cover network technologies, installation and configuration, media and topologies, management, and security. Candidate job roles include network administrator, network technician, network installer, help desk technician and IT cable installer.

- ITNW 1358 Network+
- ITNW 1325 Networking
- ITNW 1392 Special Topics (test Prep)

PC Hardware – A+ Certification MSA (9 credit hours)

A+ certification is the starting point for a career in IT. Courses cover maintenance of PCs, mobile devices, laptops, operating systems and printers.

- ITSC 1325 Hardware
- ITSC 1305 Software
- ITSC 1391 Special Topics (test Prep)

Welding