



NAVARRO



HIGH SCHOOL

2024-2025 COURSE CATALOG



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BEGINS HERE



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Notification of Nondiscrimination

Navarro Independent School District offers Career and Technical Education (CTE) programs in Agriculture, Arts, Audio Video, Business, Health Science, Information Technology, and S.T.E.M. Engineering. Admission to these programs is based on interest, lottery selection, age appropriateness, and space availability. Navarro Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

It is the policy of Navarro Independent School District not to discriminate on the basis of race, color, religion, national origin, gender or handicap in its Career and Technical Education programs, services or activities and provides equal access to the Boy Scouts and other designated youth groups as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

It is the policy of Navarro Independent School District not to discriminate on the basis of race, color, religion, national origin, gender, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

For information about your rights or grievance procedures, contact the following personnel who have been designated to handle inquiries regarding non-discrimination policies: Kathy Peel, Human Resources Director/Title IX Coordinator, E-mail: Kathy.Peel@nisd.us; Shannon Voigt, Special Education Director/Section 504 Coordinator, Email: Shannon.Voigt@nisd.us; Phone: (830) 372-1930.

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FOUNDATION GRADUATION PROGRAM

The Foundation High School Program (FHSP) is a more flexible graduation program that allows students to pursue their interest and prepare them for post-secondary endeavors. The program is a core set of classes in the areas of math, English, science, social studies, foreign language, fine arts, physical education, and electives, including Career & Technical Education (CTE) Program of Study courses, that all students must complete as a foundation to graduate from high school in Texas.

The program consists of four parts:

- A 22-credit foundation program which is the core of the Texas high school diploma.
- Five **endorsement** options that allow students to focus on a related series of courses.
 - Endorsement adds 4 credit requirements to the student's program of study, bringing the required number of credits to 26.
 - Each student entering high school under the foundation program must select at least one endorsement area to pursue over the course of the high school career.
- A higher performance category called **Distinguished Level of Achievement**
- **Performance Acknowledgments** that note outstanding achievement

Pathway Endorsements

Credits earned when graduating with an endorsement total to 26 credits. Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a specific area of interest. Students earn an endorsement by completing the curriculum requirements for the endorsement, including a 4th credit of math and science and 2 additional elective credits.

Students must specify in writing the endorsement they intend to earn upon entering the 9th grade as well as their Career and Technical Education (CTE) Programs of Study pathway. CTE Programs of Study are a sequence of courses that builds each year to help students prepare them for a postsecondary degree, industry-recognized certificate, and/or the workforce. The District encourages students to follow and stay within their selected Program of Study since it can lead to both an **endorsement** and **performance acknowledgement**. However, they may have the option to switch their chosen area of endorsement or even earn multiple endorsements based on their course selections and availability during the four years of each student's high school career.

The Endorsements are generalized below. However, Endorsement opportunities specific to Navarro ISD are described in the [Program and Course Description](#) section of the catalog. For further details regarding CTE Programs of Study, see [Career and Technical Education](#) in the Program and Course Descriptions section of the catalog.

Students can choose from 5 endorsement areas

Science, Technology, Engineering and Mathematics (STEM)

- Career and Technical Education (CTE) courses related to STEM
- Mathematics
- Science
- Computer Science
- Combination of no more than two of the categories listed above

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

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

Public Service (one of the following)

- Human Services
- Law
- Corrections and Security
- Health Science
- Public Safety
- Education and Training
- Government and Public Administration
- Junior Reserve Officer Training Corps (JROTC)

Arts and Humanities (one of the following)

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

Multi-Disciplinary Studies (one of the following)

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

Graduation Requirements with an Endorsement

The Foundation High School Program PLUS Endorsement requires 26 credits. An endorsement is earned by completing the FHSP, earning a 4th math credit, earning a 4th science credit, and completing a Program of Study in an endorsement area. The following table outlines the required courses for an endorsement plan.

SUBJECT	REQUIRED COURSES	CREDITS REQUIRED
ENGLISH	English I (EOC) English II (EOC) English III English IV or Advanced English course	4 credits
MATHEMATICS	Algebra I (EOC) Geometry Algebra II (<i>required for Distinguished Achievement designation</i>) An Advanced Math course	4 credits
SCIENCE	Biology (EOC) A Lab-Based Science course An Advanced Science course	4 credits
SOCIAL STUDIES	World Geography OR World History U.S. History (EOC) U.S. Government (0.5) Economics (0.5)	3 credits
LANGUAGES OTHER THAN ENGLISH (LOTE)	Students must earn 2 credits in the same language. Students may substitute 2 credits of computer programming language for a world language	2 credits
PHYSICAL EDUCATION	Can include athletics and P.E. equivalents	1 credit
FINE ARTS	Choice of Music, Art, Theater Arts, Dance	1 credit
PROGRAM OF STUDY COURSES OR ELECTIVES	See the Program and Course Description section of the catalog.	7 credits
TOTAL CREDITS		26 Total Credits Must be Earned

*To receive a designated endorsement, a student must meet the graduation requirements for at least one endorsement option. For the programs and aligned endorsements offered at Navarro High School, see the [Program and Course Description](#) section of the catalog.

Distinguished Achievement

The Distinguished Achievement must be earned to be admitted to a Texas public university under the top 10% of the graduation class under the Top 10 percent automatic admission law. Distinguished achievement is earned by completing **all** of the following:

- Foundation Graduation Program
- Four (4) credits of mathematics that include Algebra II
- Four (4) credits of science
- At least one (1) endorsement

Performance Acknowledgement

Performance Acknowledgment is an additional achievement identified on a student's transcript and can be met through **one** of the following:

- Dual credit
- Bilingualism and biliteracy
- PSAT, ACT's Plan, SAT or ACT
- Advanced Placement (AP) or International Baccalaureate exam
- A CTE Program of Study (POS) Completer AND a TEA-approved industry-based certification or license (IBC)

Dual Credit

A student may earn a performance acknowledgment on the student's diploma and transcript for outstanding performance in a dual credit course by either:

- 1) Successfully completing at least 3 hours of dual credit academic courses (ELA or mathematics) or 9 hours of dual credit in any subject, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0.
- 2) Earning an associate degree while in high school.

Bilingualism and Biliteracy

A student may earn a performance acknowledgment in bilingualism and biliteracy by demonstrating proficiency in accordance with local school district grading policy in two or more languages by:

- 1) Completing all English language arts requirements and maintaining a minimum grade point average of the equivalent of 80 on a scale of 100; and
- 2) Satisfying one of the following:
 - completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
 - demonstrated proficiency in the Texas Essential Knowledge and Skills for Level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or

- completion of at least three credits in courses in a language other than English with a minimum GPA of 80 on a scale of 100; or
- demonstrated proficiency in one or more languages other than English through one of the following methods:
 - a score of 3 or higher on a College Board AP exam for a language other than English; or
 - a score of 4 or higher on an IB exam for a higher-level language other than English; or
- performance on a national assessment of language proficiency in a language other than English of at least Intermediate High or its equivalent.

In addition to meeting the requirements to earn a performance acknowledgment in bilingualism and biliteracy, an English language learner must also have:

- A. participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and
- B. scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

AP Exam Results

A student may earn a performance acknowledgment on the student's diploma and transcript for outstanding performance by earning a 3 or above on a College Board advanced placement examination.

Outstanding PSAT, ACT, or SAT Test Results

A student may earn a performance acknowledgment on the student's diploma and transcript for outstanding performance on the PSAT®, the SAT®, or the ACT® by:

- 1) earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT®) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation
- 2) earning a combined critical reading and mathematics score of at least 1250 on the SAT®; or
- 3) earning a composite score on the ACT® examination of 28 (*excluding the writing sub score*).

CTE Program of Study Completer and Industry-Based Certification

A student may earn a performance acknowledgment on the student's diploma and transcript by completing the appropriate coursework within a CTE Program of Study (3 courses for 4 or more credits) AND earning a TEA-Approved Industry-based certification or license. See the CTE section for the various Programs of Study offerings that prepare students for college and/or a career.

GENERAL INFORMATION FOR PARENTS AND STUDENTS

Grade Level Classifications

Classifications are based on the number of credits a student has earned at the beginning of each school year. The number of credits required in order to earn each grade level classification are:

Grade Level	Credits
Freshman	0
Sophomore	6
Junior	12
Senior	18

Class Rank

Senior class ranking for determining academic honors is calculated at the end of the 5th six weeks. A final class ranking will be available after graduation. Ranking requested at other times for various purposes will be based on the most current calculation.

Each semester will be calculated separately in determining weighted rank points, and only numerical grades will be used. The following numerical values will be assigned for letter grades transferred from another school:

Letter Grade	Value	Letter Grade	Value	Letter Grade	Value	Letter Grade	Value	Letter Grade	Value
A+	=98	B+	=88	C+	=79	D+	=74	F	<=69
A	=95	B	=85	C	=77	D	=72		
A-	=91	B-	=81	C-	=75	D-	=70		

Seniors graduating at the end of the first semester will have numerical grades through the end of the semester to determine ranking for academic honors.

Honors, Advanced Placement, and Gifted Program

See the charts in the [Advanced Academic Course Information Chart](#) located in the [General Information for Parents and Students](#) section of this catalog for acceptance criteria for all advanced academic courses including Honors, AP, and Dual Credit.

Honors Courses – Honors courses include content and activities designed to prepare students for EOC exams and success in college-level and Advanced Placement courses. Depth of material requires students to study extensively in and out of class.

Advanced Placement (AP) Courses – AP courses are developed by the College Board and are designed to provide college level studies for high school students using college level materials and strategies. Amount and depth of material requires students to read outside of class and requires students to develop advanced reasoning and problem-solving skills.

Honors and AP Grading Policies – Student performance is evaluated on rigorous standards appropriate for the grade and content of the course. Courses are weighted for determining GPA and class rank; however, actual grades earned will appear on all report cards and transcripts. If the course is dropped within a semester, the un-weighted grade will be transferred to the new class.

AP Examinations – Students successfully completing an AP course are required to take the corresponding AP examination. Students with proven financial need (as evidenced through the free or reduced lunch program) are eligible for a fee reduction. If a student does not take the AP exam, weighted credit for the course will not be awarded.

Gifted and Talented Program - At Navarro High School, the needs of students who have been identified as Gifted and Talented are met through participation in Honors, Dual Credit and Advanced Placement courses. High school Gifted and Talented students at each grade level may meet once a month during tutorials giving them the opportunity to work together.

8th Grade Algebra I

Algebra I taken as an 8th grader is not considered an advanced course but is an accelerated course. As such, students taking Algebra I and thus the Algebra I EOC as an 8th grader, are required to take either the ACT or SAT as a high school student.

Course Weights

Navarro ISD district policy (EIC Local) provides for grade weighting for advanced classes. Online dual credit courses do not count for overall grade point average calculations per district policy (EIA Local). The District shall record unweighted numerical grades on student transcripts. Weighted grades are used only in the grade point average calculation. The District shall assign weights to semester grades and calculate a weighted numerical grade average in accordance with the following scale:

For the Class of 2025:

Category	Weight
Advanced Placement (AP)*	multiplied by 1.10
OnRamps Dual Enrollment	multiplied by 1.10
On Campus Dual Credit**	multiplied by 1.10
Certificate Earning CTE	multiplied by 1.10
Honors/Pre-AP	multiplied by 1.10
Regular	multiplied by 1.00
Modified Content Core	multiplied by 1.00

For the Class of 2026 and beyond:

Category	Weight
Advanced Placement (AP)*	multiplied by 1.13
OnRamps Dual Enrollment	multiplied by 1.13
On Campus Dual Credit**	multiplied by 1.10
Certificate Earning CTE	multiplied by 1.05
Honors/Pre-AP	multiplied by 1.05
Regular	multiplied by 1.00
Modified Content Core	multiplied by 0.90

** Must take the AP Exam to get weighted credit.*

All weights listed are values present in school board policy at the time of this document's publication. These values are subject to change at any time through Navarro ISD school board action.

Alternatives for Earning Course Credit

Credit Recovery

Navarro High School provides the opportunity to gain credits for some courses previously failed through computer-assisted instruction (APEX). Students should contact the school counselor for more information about the credit recovery program. If a student fails both semesters of a course, the student may be required to retake the full course. Full details regarding credit recovery can be found in the student handbook.

Summer School

The summer courses offered at Navarro High School are for credit recovery purposes only through our computer-assisted instruction program. Navarro does not offer courses for advancement in the summer. There will be a flat fee of \$150.00 for summer school.

Students may attend an accredited summer school with a school other than Navarro High School and should consult with the academic dean or counselor before enrolling. Summer schoolwork can be used for the purpose of making up work that has been failed during the regular term, giving the student an opportunity to take courses that cannot be taken during the regular term because of scheduling conflicts, or obtaining credits for acceleration purposes.

Correspondence Courses and Distance Learning

Prior approval of the counselor or a campus administrator must be obtained for enrollment in a correspondence course or an online course from another school district. Only online and correspondence courses from accredited schools are acceptable. Seniors should complete their work and submit the grade for recording by the end of the 5th six weeks in order to be eligible for graduation at the end of the term.

Collegiate Credit through Concurrent Enrollment

Concurrent enrollment courses are college courses students can take for college credit while enrolled in high school; however, the credit is not applied to high school graduation requirements.

For information regarding specific online and concurrent enrollment courses, contact the school counselor or academic dean.

Dual Credit Courses

Dual credit affords students the opportunity to take courses which simultaneously earn high school and college credits. Students are taught and graded in the same way as college students who take the same course. These are college courses which also meet the state curriculum requirements for specific high school courses allowing the student to satisfy high school graduation credit requirements at the same time they are earning college credits. Students will receive college credit immediately after graduation, and most courses will transfer to any public Texas college or university if the student earns a 'C' or better. Navarro High School pays all tuition fees for our dual credit offerings.

Navarro High School offers core curricular dual credit courses. These courses are offered in the areas of English, science, social studies and math as well as a select group of college level humanities electives. These offerings are intended to give a student the opportunity to complete some courses generally termed as "The Basics" for college. Whether a college accepts these classes to satisfy a core area requirement or accepts them as an elective is the decision of the college. Core curricular dual credit courses are offered as both online courses and regular classroom courses taught by college adjunct faculty on staff here at Navarro High School.

Courses taught in the regular classroom will incur no fees, and Navarro High School will provide the textbooks. **Courses taught online may incur instructional fees and textbook fees that will be the responsibility of the student.**

All dual credit courses carry a tuition charge that the district pays. However, if a student drops an online course after the Census Date for the college, the student will be responsible for the cost of the tuition charge and notifying the college AND high school counselor. Students dropping courses before Census Date (*Generally the first two weeks of a course*) will not be charged. This only applies to dropping online courses. Any questions regarding dropping a dual credit course need to be directed to the Academic Dean.

The high school counselors and the Academic Dean will assist students with enrollment and required TSIA2 testing for either of these dual credit routes. The Texas Success Initiative Assessment 2 (TSIA2) test is required by the state for all dual credit students. Students are tested in the areas of reading, writing and math to determine college readiness levels of their skills in these areas. Passing standards are established by the colleges. The tests are administered on campus and at no charge to students.

Advanced Academic Course Information Chart

English			
Course	Recommended STAAR Test Score	Recommended Prerequisite(s) or Preceding Course Grade without a grade multiplier	Other Testing Recommendations
English 1 Honors	Masters- 8th grade reading STAAR	90% or above per semester or 80% or above per semester in an advanced section.	22 or 24 MAPS on Track College Ready Score if one semester falls below
English 2 Honors	Masters English 1 EOC	90% or above per semester or 80% or above per semester in an advanced section.	22 or 24 MAPS on Track College Ready Score if one semester falls below
English 3 AP	Masters English 2 EOC	90% or above per semester or 80% or above per semester in an advanced section.	TSI Reading - 945/5 Essay OR Diagnostic of 5 or 6 with 5 Essay
English 4 AP	N/A	90% or above per semester or 80% or above per semester in an advanced section.	TSI Reading - 945/5 Essay OR Diagnostic of 5 or 6 with 5 Essay
Mathematics			
Courses	Recommended STAAR Test Score	Recommended Prerequisite(s) or Preceding Course Grade without a grade multiplier	Other Testing Recommendations
Geometry Honors	Masters Algebra 1 EOC	90% or above per semester or 80% or above per semester in an advanced section.	22 or 24 MAPS on Track College Ready Score if one semester falls below
Algebra 2 Honors	N/A	90% or above per semester or 80% or above per semester in an advanced section.	TSI Math - 950 or Diagnostic of 6
Pre-Calculus Honors	N/A	90% or above per semester or 80% or above per semester in an advanced section.	TSI Math - 950 or Diagnostic of 6
Calculus AP	N/A	90% or above per semester or 80% or above per semester in an advanced section.	TSI Math - 950 or Diagnostic of 6
Science and Social Studies			
Courses	Recommended STAAR Test Score	Recommended Prerequisite(s) or Preceding Course Grade without a grade multiplier	Other Testing Recommendations
Biology Honors	Master 8th grade Science, Math and ELAR STAAR Scores	90% or above per semester or 80% or above per semester in an honors section.	N/A
Chemistry Honors	Masters Biology EOC	90% or above per semester or 80% or above per semester in an honors section.	N/A
Physics Honors	N/A	90% or above per semester or 80% or above per semester in an honors section.	TSI Reading - 945/5 Essay OR Diagnostic of 5 or 6 with 5 Essay TSI Math - 950 or Diagnostic of 6
Biology Dual Credit	N/A	90% or above per semester or 80% or above per semester in an honors section.	TSI Reading - 945/5 Essay OR Diagnostic of 5 or 6 with 5 Essay TSI Math - 950 or Diagnostic of 6

Foreign Language and Art			
Courses	Recommended STAAR Test Score	Recommended Prerequisite(s) or Preceding Course Grade without a grade multiplier	Other Testing Recommendations
Spanish 3 Honors	N/A	90% or above per semester or 80% or above per semester in an advanced section.	N/A
Spanish 4 AP	N/A	90% or above per semester or 80% or above per semester in an advanced section.	N/A
ART 4 AP	N/A	90% or above per semester or 80% or above per semester in an advanced section.	N/A
Dual Credit			
Courses	Recommended STAAR Test Score	Recommended Prerequisite(s) or Preceding Course Grade without a grade multiplier	Other Testing Requirements
English 4 Dual Credit	N/A	N/A	TSI Reading - 945/5 Essay OR Diagnostic of 5 or 6 with 5 Essay
College Algebra Dual Credit	N/A	N/A	TSI Math - 950 or Diagnostic of 6
U.S. History Dual Credit	N/A	N/A	TSI Reading - 945/5 Essay OR Diagnostic of 5 or 6 with 5 Essay
Psychology, Sociology, Government, Communication Applications, and Professional Communications Dual Credit	N/A	N/A	TSI Reading - 945/5 Essay OR Diagnostic of 5 or 6 with 5 Essay, and TSI Math - 950 or Diagnostic of 6

FAFSA Graduation Requirement

As a requirement, each student must do one of the following prior to graduation:

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

Early Graduation

Students who anticipate completing high school in fewer than four years must meet with the counselor at the start of the spring semester in the year prior to the year of early graduation. Parent permission is required. Students graduating early may participate in graduation ceremonies only if all graduation requirements are completed prior to the graduation ceremony. Students who graduate early and wish to participate in graduation exercises will be required to abide by the same school rules and regulations as other students.

Graduation Ceremony Participation

The following guidelines will be used for students to be able to participate in the graduation ceremony:

1. Students must have completed **ALL** credit requirements and passed **EACH** required STAAR End of Course Test.
2. Students may not have any pending disciplinary action.
3. Students may participate in only one graduation ceremony.
4. For the graduation ceremony, students may wear only the academically pertinent student recognitions, such as cords and pins, approved by the administration.
5. Participating students **MUST** attend the graduation practice in order to participate in the ceremony.

At the graduation ceremony, Navarro ISD recognizes the valedictorian and salutatorian, honor graduates whose weighted numerical grade averages comprise the top ten percent of the students in the graduating class, and additional local graduation honors which include the following:

Honors	Weighted Grade Average
Cum Laude	greater or equal to 92.0
Magna Cum Laude	greater or equal to 94.0
Summa Cum Laude	greater or equal to 97.0

Texas First Program

The Texas First Program is designed to keep Texas' high-achieving students on a direct track to postsecondary education within Texas. Texas' top students can accelerate their postsecondary path and earn up to a year in scholarship dollars to attend any participating Texas public institution of higher education, including colleges, universities, and technical colleges.

Program Details

Students who graduate two or more semesters before their class receive a two-semester scholarship, equivalent to the amount of the TEXAS grant, to a participating college, university, or technical college. Students who graduate one semester early receive a one-semester scholarship to a participating institution of higher education. Students may also be eligible for additional financial aid at most of these institutions. The Texas First Diploma does not guarantee automatic admission for students. Students should ask their counselor if their grade point average at graduation qualifies them for automatic admission under the state's top 10 percent law. Students who graduate early with a Texas First Diploma may apply to any college or university they choose. However, the scholarship will apply only at the Texas public institution of higher education where they have been admitted. The scholarship offer will expire at the end of the first academic year following a student's graduation, so students are encouraged to attend college directly after high school.

Student Eligibility

Eligible students must demonstrate college readiness in academics and attitude. Eligibility requirements include the following:

- Texas residency
- FAFSA or TASFA completion
- At least 22 high school credits
- Final GPA equivalent to 3.0 or higher on a 4.0 scale
- Overall score in at least the 80th percentile on one or more of the following assessments: ACT, SAT, PSAT/NMSQT, TSIA/TSIA2, or GED; or, alternatively, a GPA in the top 10 percent of the student's class
- Completion of the STAAR EOC exams in English I or II, Algebra I, and Biology, or completion of eligible substitute assessments
- Demonstration of mastery in each subject area of English/Language Arts, Mathematics, Science, Social Studies, and a language other than English

Students should contact their counselor to learn more about this program and verify their eligibility.

View full eligibility requirements and rules:

[Texas First Diploma](#)

[Texas First Scholarship](#)

[Download program details for students and families](#)

COLLEGE AND CAREER PREPARATION

Four-year plans are created in middle school. Below are additional helpful resources for college and career planning.

College & Career Readiness Resources

College Information and Profiles

www.collegeboard.com
www.collegeview.com
www.collegeexpress.com
www.adventuresineducation.com
www.fastweb.com
www.gocollege.com
www.nces.ed.gov/ipeds/cool
www.petersons.com
www.princetonreview.com
www.supercollege.com
www.collegefortexans.com
www.wiredscholar.com

Texas Colleges & Universities

www.window.state.tx.us

SAT/ACT Preparation

www.act.org
www.collegeboard.com
www.ets.org
www.kaptest.com
www.number2.com
www.princetonreview.com
www.testprep.com
<https://www.khanacademy.org/test-prep/sat>

Essay Tips

www.supercollege.com
www.myessay.com

Scholarship Search

www.college.net
www.collegenet.com
www.college-scholarships.com
www.fastweb.com
www.finaid.org
www.freschinfo.com
www.salliemae.com
www.supercollege.com
www.tgslc.org
www.gocollege.com
www.findtuition.com
www.collegeboard.com
www.ncaa.org

College Applications/Applying On-Line

www.applytexas.org
www.commonapp.org

Financial Aid Information

Submit Your FAFSA Profile

Register for Financial Aid Easy Planner

www.ed.gov/prog_info/SFA/FAFSA
www.fafsa.ed.gov
www.collegeboard.com

Texas Grant Program

The Texas Grant and Exemption Program is an award of varying amounts to assist certain students who graduate on the Foundation, Recommended or Distinguished Graduation Program with college expenses. For more information on these grants as well as help with paying for college tuition and expenses, students should review the website <http://www.collegeforalltexans.com> or call 512-427-6101 and see the counselor.

College Assessment Information

Students entering public community colleges in Texas must take the TSIA2 assessment before enrolling in any college course work unless they meet the criteria for exemption based on SAT or ACT scores. Check with the high school academic dean to find out how you can take this exam free of charge. The academic dean has detailed college registration and exemption information.

Most colleges and universities also require students to take either the Scholastic Aptitude Test (SAT) or the American College Test (ACT) prior to admission. Students can register on-line for the SAT at www.collegeboard.com and for the ACT at www.act.org. Further information is available in the counseling center.

Navarro High School provides 11th graders the opportunity to take the Preliminary Scholastic Aptitude Test (PSAT) free of charge each October. This is the qualifying test for National Merit Scholar awards in the junior year. 10th graders may take the PSAT as well at their own expense.

ASVAB Testing

SB 1843 authorizes that each school year, each school district and open-enrollment charter school is required to provide students in grades 10 through 12 an opportunity to take the Armed Services Vocational Aptitude Battery (ASVAB) test and consult with a military recruiter. The ASVAB is a multiple-aptitude battery that measures developed abilities and helps predict future academic and occupational success. Navarro High School administers this test annually in both semesters. Speak to the counselor for more details about ASVAB testing.

Automatic Admission to Texas Public Universities for Top 10%

Top students in Texas are eligible for automatic admission to any public university in Texas under state admissions policies. Under House Bill 588 passed by the 75th Legislature in 1997, students who are in the top 10% of their graduating class are eligible for automatic admission to any public university in Texas. However, the University of Texas (UT) at Austin has been exempted from this rule under Senate Bill 175 passed by the 81st Legislature in 2009. Specifically, Senate Bill 175 caps the number of students admitted under the top 10% law to 6% at UT Austin.

To be eligible for the automatic admission, a student must:

- Graduate in the top 10% of his or her graduating class at a public or private high school in Texas;
- Enroll in college no more than two years after graduating from high school; and
- Submit an application to a Texas public university for admission before the institution's application deadline.

Once a student is admitted, the university may review the high school records to determine if the student is prepared for college-level course work. A student who needs additional preparation may be required to take a developmental, enrichment, or orientation course during the semester prior to the first semester of college.

Note: *Students must achieve Distinguished Achievement under that graduation plan to place in the top 10% of their graduating class. Further information regarding distinguished achievement is found in the [Foundation Graduation Program](#) section in this catalog.*

NCAA Guidelines

All high school athletes wishing to compete in college athletics must register with the Initial-Eligibility Clearinghouse. Information about the Clearinghouse can be found in the [Guide for the College-Bound Student Athlete](#) at www.ncaa.org. Students who are interested in attending college on an athletic scholarship should carefully select high school courses that qualify under the National Collegiate Athletic Association guidelines. After you have registered, please submit paperwork to the high school registrar.

PROGRAM AND COURSE DESCRIPTIONS

Below lists the program and course descriptions offered at Navarro ISD. Availability of courses may vary and/or change at any time due to enrollment.

Core Academics

English/ Communications

Course Descriptions

ENGLISH I (EOC)

4105

9th Grade

2 Semesters

1 Credit

Prerequisite(s): None

Basic grammar, vocabulary development, parts of speech, capitalization, punctuation, usage, etc., are studied. Writing skills include creative, dramatic, expository, and persuasive writing as well as literary responses to reading selections. Literary concepts are covered in works of nonfiction, Greek mythology, poetry, the short story, drama, the novel, and other genres of literature. Outside reading is mandatory for each grading period. Oral presentations are required.

ENGLISH I – HONORS (EOC)

4106

9th Grade

2 Semesters

1 Credit

Prerequisite(s): None

All elements of the regular English I course are covered. Additional reading and writing are required. Higher level thinking skills, vocabulary, and literary terms are introduced. Additional work outside the classroom is mandatory for success in Honors English. This is a preparatory course for Advanced Placement. Summer reading assignments are required in addition to the eligibility criteria in the [Advanced Academic Course Information Chart](#) located in the [General Information for Parents and Students](#) section of this catalog.

ENGLISH II (EOC)

4110

10th Grade

2 Semesters

1 Credit

Prerequisite(s): English I

This course is a study of a variety of works from writers of different nationalities and genres. Students engage in vocabulary building and interpreting strategies as they learn to process and analyze increasingly complex selections of literature. They develop writing skills that include expository, analytical and persuasive essays. Outside reading

of self-selected literature is mandatory. Oral presentations will be required. The course also includes a research project.

ENGLISH II – HONORS (EOC)

4111

10th Grade

2 Semesters

1 Credit

Prerequisite(s): English I

All elements of the regular English II course are covered. Additional independent reading and writing are required. Students must be task-oriented and have a high level of personal initiative and enthusiasm to do more complicated and challenging assignments. Outside reading of high school and college level self-selected literature is mandatory. Oral presentations will be required on a regular basis. The course also includes an extensive research project. The Honors course is a preparatory course for Advanced Placement courses. Summer reading assignments are required in addition to the eligibility criteria in the [Advanced Academic Course Information Chart](#) located in the [General Information for Parents and Students](#) section of this catalog.

ENGLISH III

4115

11th Grade

2 Semesters

1 Credit

Prerequisite(s): English II

This course is a study of major works by significant American writers from Hawthorne, Irving, Thoreau, Twain, Dunbar, Crane, Eliot, Fitzgerald, Hughes, Faulkner, and Steinbeck to Miller, O'Brien and Walker among others. The course deals with American Literature from the Puritan era to the present day. Within this context, students evaluate both fiction and non-fiction selections. They develop writing skills that include expository, analytical and persuasive essays. The course also includes a research paper.

ENGLISH III AP

4116

11th Grade

2 Semesters

1 Credit

Prerequisite(s): English II

This course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts throughout the history of American literature from the Puritan period to the present. This course allows students to write in a variety of forms – narrative, exploratory, expository and argumentative – and on a variety of subjects. Students read and understand complex texts and analyze stylistic devices utilized by the various authors in the forms listed. The course prepares students for both the Advanced Placement Language and Composition Exam in May and the demands of college courses. Taking the AP exam and scoring a 3, 4, or 5 will usually earn students three hours of college credit for the freshman year. Summer reading assignments are required in addition to the eligibility criteria in the [Advanced Academic Course Information Chart](#) located in the [General Information for Parents and Students](#) section of this catalog.

ENGLISH IV**4120***2 Semesters**Prerequisite(s): English III**12th Grade**1 Credit*

English IV is based on the literature of Great Britain. The scope of literature extends from the first English manuscript to current literature. Epics, ballads, poetry, essays, historical diaries, newspaper excerpts, short stories, dramas, novel excerpts, and novels are studied. Student writings are based on literature and essay topics from college freshman-level texts. For college applications, the application essay is stressed, as well as maintaining a professional resume. A research paper is required during the second semester. Creative projects are also assigned to vary the curriculum and to give the students' opportunity for implementing their interpretation of our studies. Grammar is reviewed as needed. Higher level thinking skills are stressed in all studies.

ENGLISH IV AP**4121***2 Semesters**Prerequisite(s): English III**12th Grade**1 Credit*

English IV AP follows the above curriculum with additional content and complexity. Several more novels, dramas, and more difficult critical readings are assigned. The writing assignments are more difficult in order to prepare for the Advanced Placement examination. The additional literature and writing assignments are based on the lists of the College Board. Summer reading assignments are required in addition to the eligibility criteria in the [Advanced Academic Course Information Chart](#) located in the [General Information for Parents and Students](#) section of this catalog.

ENGLISH IV DUAL CREDIT**8042 & 8043***2 Semesters***ENGL 1301 & 1302***Prerequisite(s): English III, College Acceptance & TSIA Requirements**12th Grade**1 Credit**6 College Credit Hours*

Students must meet requirements for dual credit enrollment. This course is aligned to ENG 1301 and 1302 college courses for college credit. Course content focuses on novels, dramas, and college-level writing assignments. ENGL 1301 is the intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing academic essays as a vehicle for learning, communicating, and critical analysis. ENGL 1302 is the intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. Both courses fulfill the Communication foundational component area of the core and address the following required objectives: Critical Thinking, Communication, Teamwork, and Personal

Responsibility. The requirements for each course must be approved by the local district before the course begins.

COLLEGE PREPARATORY ELA

4118

12th Grade

2 Semesters

1 Credit

Prerequisite(s): English III and passing scores on the two English EOC tests.

In this course, students will improve integrated critical reading and writing skills through engagement with a variety of texts across content areas and genres. As a result, students will be able to develop and express ideas clearly and effectively to communicate with various audiences for various purposes and occasions. This course is specifically designed to help students achieve TSIA2 college readiness scores.

CREATIVE WRITING

4129

11th–12th Grade

1 Semester

½ Credit

Prerequisite(s): None

The study of creative writing allows high school students to earn one-half to one credit while developing versatility as a writer. Creative Writing, a rigorous composition course, asks high school students to demonstrate their skill in such forms of writing as fictional writing, short stories, poetry, and drama. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop peer and self-assessments for effective writing, and set their own goals as writers.

JOURNALISM

4126

10th–12th Grade

2 Semesters

1 Credit

Prerequisite(s): English I

Journalism students write in a variety of forms for a variety of audiences and purposes. Students will plan, draft, and complete compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students will become analytical consumers of media and technology to enhance their communication skills. Published work of professional journalists, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students enrolled in Journalism will learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing. Navarro journalism students will produce the high school yearbook.

JOURNALISM II YEARBOOK**4127***11th–12th Grade**2 Semesters**1 Credit**Prerequisite(s): Journalism*

Students need to be critical viewers, consumers, and producers of media. The ability to access, analyze, evaluate, and produce communication in a variety of forms is an important part of language development. High school students enrolled in this course will apply and use their journalistic skills for a variety of purposes. Students will learn to critique and analyze the significance of visual representations; and learn to produce by creating print. Navarro journalism students will produce the high school yearbook.

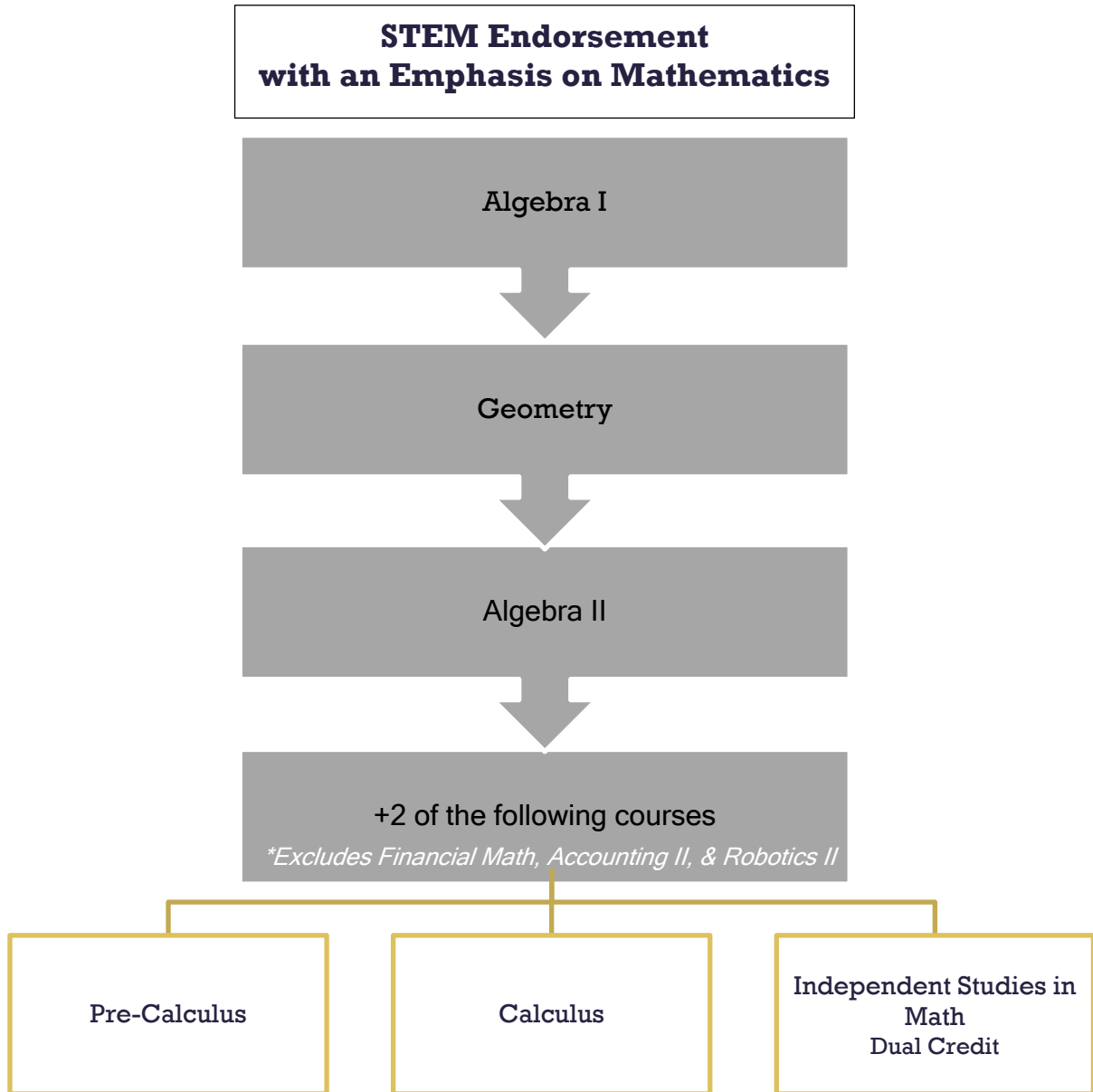
SAT PREP (ELA & MATH)**4215***11th–12th Grade**2 Semesters**1 Credit**Prerequisite(s):*

This course is designed for students who need the opportunity to improve SAT scores through realistic practice. Emphasis will be placed on test-taking skills and strategies, and problem solving. Students will grasp the underlying concepts of the exam as well as increase their efficiency and speed with which they answer questions. Local credit only.

Mathematics

Science, Technology, Engineering & Mathematics (STEM) Endorsement

Some courses may be taken concurrently. Chemistry and Physics must be taken as sciences to earn this endorsement.



Course Descriptions

ALGEBRA I (EOC)

4215

9th Grade

2 Semesters

1 Credit

Prerequisite(s): None

The emphasis of Algebra I is to provide a foundation in the basic skills of Algebra. The focus of the course is algebraic thinking and symbolic reasoning, function concepts including the relationship between equations and functions, linear and quadratic relationships and using different representations to model them.

MATH MODELS

4238

10th-12th Grade

2 Semesters

1 Credit

Prerequisite(s): Algebra I

Mathematical Models with Applications is designed to provide a path for students to succeed in Algebra II and prepares them for various post-secondary choices. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects; manipulatives; technology, including graphing calculators, data collection devices, and computers; and paper and pencil and from methods such as algebraic techniques, geometric reasoning, patterns, and mental math to solve problems.

GEOMETRY

4225

9th-11th Grade

2 Semesters

1 Credit

Prerequisite(s): Algebra I

The emphasis of Geometry is to provide a foundation in the basics of geometric patterns and theories. The focus of the course is lines, segments, angles, deductive reasoning, planes and relationships among shapes and patterns.

GEOMETRY HONORS**4228***9th-10th Grade**2 Semesters**1 Credit**Prerequisite(s): Algebra I*

A course for college bound students, this course is designed to teach the fundamental concepts and skills necessary to succeed in calculus and disciplines that are mathematically based, such as Chemistry and Physics. It contains an in-depth study of geometry and analytical geometry. The student is required to participate in UIL Mathematics, Number Sense, or Calculator competitions. Students must meet eligibility criteria depicted in the [Advanced Academic Course Information Chart](#) located in the [General Information for Parents and Students](#) section of this catalog.

ALGEBRA II**4220***10th-12th Grade**2 Semesters**1 Credit**Prerequisite(s): Algebra I*

This course continues the study of topics from Algebra I and begins the study of Trigonometry. All the Algebra I topics are reviewed, and the concepts are applied in more advanced equations. Additional topics introduced in the course are completing the square, deriving the quadratic formula, simplification of radicals, and complex numbers.

ALGEBRA II HONORS**4219***10th-11th Grade**2 Semesters**1 Credit**Prerequisite(s): Algebra I*

This course will have the same curriculum as Algebra II but will include projects and enrichment. Additionally, the students must meet eligibility criteria depicted in the [Advanced Academic Course Information Chart](#) located in the [General Information for Parents and Students](#) section of this catalog.

PRE-CALCULUS HONORS**4240***11th-12th Grade**2 Semesters**1 Credit**Prerequisite(s): Algebra II and Geometry*

This course is a continuation of advanced math with in-depth coverage of trigonometry, logarithms, and functions necessary for calculus. Additionally, the students must meet eligibility criteria depicted in the [Advanced Academic Course Information Chart](#) located in the [General Information for Parents and Students](#) section of this catalog.

CALCULUS AP**4245***12th Grade**2 Semesters**1 Credit**Prerequisite(s): Pre-Calculus*

A college level course covering functions, limits, the derivative, and its applications, etc. Basic topics of the AP Exam are covered. A Calculus AP exam will be administered in May. Students must meet eligibility criteria depicted in the [Advanced Academic Course Information Chart](#) located in the [General Information for Parents and Students](#) section of this catalog.

STATISTICS**9710***11th-12th Grade**2 semesters**1 Credit**Prerequisite(s): Algebra 1*

This course prepares students to take entry level statistics in college. Students should have a solid foundation in algebra prior to enrollment. This course will introduce students to four major conceptual themes: observing and exploring data; planning a statistically valid investigation; anticipating patterns and using probability and simulations for predicting outcomes; and confirming or rejecting models through statistical inference. Technology is an integral part of the course. Graphing calculators and computers are the primary tools for data analysis. This course will count as a fourth math credit but does not meet the requirements to count as an advanced math for a STEM Endorsement.

FINANCIAL MATHEMATICS**FINMATH 4259***11th-12th Grade**2 Semesters**1 Credit**Prerequisite(s): Algebra 1 and Geometry*

This 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 and problem solving for everyday life, social, and workplace situations. Financial Mathematics will integrate career and postsecondary education planning into financial decision making. **Note: Financial Mathematics is an additional CTE course elective within the Accounting Program of Study for math credit, however, does not count as an advanced math in the STEM Endorsement.**

COLLEGE PREPARATORY MATH**4258***12th Grade**2 Semesters**1 Credit**Prerequisite(s): Algebra 2 and a passing score on the Algebra 1 EOC test.*

In this course, students will improve critical thinking and mathematics skills that will be needed for college algebra. This course is specifically designed to help students achieve TSIA2 college readiness in mathematics.

Science

Science, Technology, Engineering & Mathematics (STEM) Endorsement

*Some courses may be taken concurrently. Algebra II must be taken as a math class to earn this endorsement. *IPC is excluded from this graduation plan.*

STEM Endorsement with an Emphasis on Science

Biology

Chemistry

Physics

+2 of the following courses

**Excludes IPC*

Environmental
Science

Advanced Plant
& Soil Science
(CTE Elective)

Advanced
Animal Science
(CTE Elective)

Biology
(Dual Credit)

Anatomy &
Physiology
(CTE Elective)

Course Descriptions

INTEGRATED PHYSICS AND CHEMISTRY (IPC)

4305

10th Grade

2 Semesters

1 Credit

Prerequisite(s): None

This course is an introduction to the basic principles of Physics and Chemistry. Students explore chemical reactions as well as basic properties of movement and electromagnetism. It is recommended to be taken after Biology and prior to enrolling in a Chemistry course.

BIOLOGY (EOC)

4320

9th Grade

2 Semesters

1 Credit

Prerequisite(s): None

Biology I is a lab course which introduces the life sciences. Biology covers zoology, botany, cellular structures, and genetics. Biological concepts, experiments, and theories are examined.

BIOLOGY HONORS (EOC)

4322

9th-10th Grade

2 Semesters

1 Credit

Prerequisite(s): None

This first-year course is designed to prepare the science-oriented student to continue in studies in Biology AP or college biology. This course will use the same curriculum as Biology but will be covering topics with more intense lab studies. Students must meet eligibility criteria depicted in the [Advanced Academic Course Information Chart](#) located in the [General Information for Parents and Students](#) section of this catalog.

CHEMISTRY

4340

10th-11th Grade

2 Semesters

1 Credit

Prerequisite(s): Algebra I

This course will provide the student with critical thinking opportunities and laboratory experience. Topics include laboratory safety and techniques, matter and energy, atomic structure, periodic table, chemical bonding, formulas, equations, reactions, mole, stoichiometry, thermochemistry, gases, solubility, solutions, acids and bases, redox and nuclear chemistry. Students must maintain a laboratory notebook.

CHEMISTRY HONORS**4342***2 Semesters**Prerequisite(s): Algebra I**10th-11th Grade**1 Credit*

This course will use the same curriculum as Chemistry but will cover more topics and in more mathematical detail than Chemistry. Labs will be written up as they are in Chemistry AP in a laboratory notebook. The pace is faster than Chemistry and the additional topics are more challenging. The student is required to participate in a science fair, Robot team or UIL Science (*requirements vary per activity*). Students must meet eligibility criteria depicted in the [Advanced Academic Course Information Chart](#) located in the [General Information for Parents and Students](#) section of this catalog.

BIOLOGY II DUAL CREDIT**8050 & 8051***2 Semesters***BIO 143 & BIO 144***11th-12th Grade**1 Credit**8 College Credit Hours*

Prerequisite(s): Biology I, College Acceptance & TSIA Requirements

Students must meet requirements for dual credit enrollment. This course is aligned to BIO 143 - Biology Systems I and BIO 144 – Biology Systems II with Texas Lutheran University (TLU). This course is the equivalent of the biological systems course usually taken the first year of college with special emphasis on cells, genetics, and laboratory investigation. BIO 143 is the study of the unity of life, including molecular and cellular processes, theories and evidence of evolution, and the concepts of biology and its relevance to human beings. BIO 144 is a continuation of the topics of BIO 143 with emphasis on the diversity of life, how plants and animals work, and ecology. This dual credit course meets the requirements for college credit in BIO 143. The requirements for each course must be approved by the local district before the course begins.

PHYSICS**4351***2 Semesters**Prerequisite(s): Chemistry**11th-12th Grade**1 Credit*

In Physics, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills.

PHYSICS HONORS/ON RAMPS**4350** (Class of 2025)**4352** (Class of 2026 & beyond)11th-12th Grade

2 Semesters

1 Credit

*Prerequisite(s): Chemistry**Recommended Prerequisite(s): Algebra 2*

In Physics, students study a variety of topics that include laws of motion, changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills. The Physics Honors class will be an “OnRamps” course. OnRamps is a program through the University of Texas where students concurrently earn college credit in their high school class. Students must meet eligibility criteria depicted in the [Advanced Academic Course Information Chart](#) located in the [General Information for Parents and Students](#) section of this catalog.

ANATOMY AND PHYSIOLOGY**ANATPHYS 4363**11th-12th Grade

2 Semesters

1 Credit

*Prerequisite(s): 3 previous high school science credits**Recommended Prerequisite(s): Principles of Health Science and Medical Terminology*

Anatomy and Physiology is designed to extend the concepts of biology and chemistry to the study of vertebrate anatomy and physiology. This course will be laboratory oriented, with an emphasis on vertebrate dissections. Human health factors and interrelationships of those factors to current and future environmental situations will be explored. This is a CTE course for [science credit](#) and is recommended for students interested in a career in any field of medicine. It is a course in the Health Science Program of Study and includes learning about a wide range of professions from physician and nurse to veterinarian and physical therapist. **Note: This is a CTE course that satisfies a science credit requirement for students on the Foundation High School Program.**

ENVIRONMENTAL SYSTEMS**4362**11th -12th Grade

2 Semesters

1 Credit

Prerequisite(s): Biology and one other science credit

In Environmental Science, students conduct laboratory and field investigations and use scientific methods to study various systems related to our environment. The course covers topics that involve elements of both life science as well as physical science. Topics include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and the flow of energy through an environmental system, the relationship between carrying capacity and changes in human populations and ecosystems, and changes in environments.

AP ENVIRONMENTAL SCIENCE**4364** (Class of 2025)**4365** (Class of 2026 & beyond)11th – 12th Grade

2 Semesters

1 Credit

Recommended Prerequisite(s): Algebra I, Biology and one other high school laboratory science credit.

AP Environmental Science is a college level course in which students will explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human made. Students will also take part in laboratory investigations and field work. Skills that will be learned include explaining environmental concepts and processes, analyzing data, visual representations, and writings, proposing a solution for an environmental problem, and supporting your idea with evidence.

FORENSIC SCIENCE**FORENSCI 9211**10th-12th Grade

2 Semesters

1 Credit

Prerequisite(s): Chemistry

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 scenes, 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. Forensic Science is a CTE course for science credit. **Note: This course satisfies a science credit requirement for students on the Foundation High School Program.**

Social Studies

Course Descriptions

WORLD GEOGRAPHY

4405

9th- 10th Grade

2 Semesters

1 Credit

Prerequisite(s): None

Geography gives an overview of people and their global environment and people and their regional environment. Helps students develop a perspective on their own culture in relation to other cultures, and to appreciate the unique peoples and cultures of world regions.

WORLD HISTORY

4420

9th - 10th Grade

2 Semesters

1 Credit

Prerequisite(s): None

Students will receive an overview of the development of civilization from ancient times to the present. Map study, vocabulary, and outside reading are required.

AP WORLD HISTORY

4425

10th-12th Grade

2 Semesters

1 Credit

Prerequisite(s): None

This college level course will provide opportunities for students to investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources, developing historical arguments, making historical connections, and utilizing reasoning about comparison, causation and continuity and change over time.

U.S. HISTORY (EOC)

4430

11th Grade

2 Semesters

1 Credit

Prerequisite(s): None

Students study the history of the United States from 1877 to the present. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights. Students examine the impact of geographic factors on major events and eras and analyze their causes and effects. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic

process. Students describe the relationship between the arts and popular culture and the times during which they were created. Students analyze the impact of technological innovations on American life.

U.S. HISTORY DUAL CREDIT (EOC)

8031 & 8032

11th Grade

2 Semesters

1 Credit

HIST 1301 & 1302

6 College Credit Hrs.

Prerequisite(s): College Acceptance & TSLA Requirements

Students must meet requirements for dual credit enrollment. This course is aligned to HIST 1301- United States History I and 1302- United States History II. HIST 1301 is a survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. This course also includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government. HIST 1302 is a survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy. Both courses fulfill the American History foundational component area of the core and addresses the following required objectives: Critical Thinking, Communication, Social Responsibility, and Personal Responsibility. The requirements for each college course must be approved by the local district before the course begins.

U. S. GOVERNMENT

4440

12th Grade

1 Semester (Fall)

½ Credit

Prerequisite(s): U.S. History

This course is an introduction to basic government. Stress is placed on functions and characteristics of the three branches of the Federal System. Emphasis is placed on the working of the American political system.

ECONOMICS

4450

12th Grade

1 Semester

½ Credit

Prerequisite(s): U.S. History

This course deals with a study of the free enterprise system and the American economic system. The course is usually paired with Government.

AP MACROECONOMICS**4451***12th Grade**1 Semester (Spring Only)**½ Credit**Prerequisite(s): U.S. History*

This college level course prepares students to take the AP Macroeconomics exam for possible college credit. Students will gain a thorough understanding of the principles of economics that apply to an economic system as a whole. Macroeconomics places emphasis on the study of national income and price determination and also develops students' familiarity with economic performance measures, economic growth, and international economics.

PERSONAL AND FINANCIAL LITERACY**4452***10th-12th Grade**1 Semester**½ Credit**Prerequisite(s): None*

Personal Financial Literacy will help students develop the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The course is designed to be an interactive and research-based course. The course will teach students to apply critical-thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and postsecondary education and training.

PSYCHOLOGY**4460***10th-12th Grade**1 Semester**½ Credit**Prerequisite(s): None*

Psychology teaches theories of human development, motivation, brain development and learning. Students study the science of human behavior and mental processes. The study of psychology is based on an historical framework and relies on effective collection and analysis of data.

SOCIOLOGY**4461***10th-12th Grade**1 Semester**½ Credit**Prerequisite(s): None*

Sociology, an elective course, is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.

Physical Education

Course Descriptions

LIFETIME FITNESS & WELLNESS PURSUITS (PE 1)

4605

9th-12th Grade

1 or 2 Semesters

½ Credit per semester

Prerequisite(s): None

The purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness.

LIFETIME RECREATION & OUTDOOR PURSUITS (PE 2)

4606

10th-12th Grade

1 or 2 Semesters

½ Credit per semester

Prerequisite(s): None

Physical education provides a variety of individual and team activities. The basic rules, skills, scoring, and terminology are stressed. Activities may include a variety of individual and team sports such as: badminton, softball, weights, archery, track, tennis, life skills, carry-over sports, gymnastics, and conditioning.

SKILL-BASED LIFETIME ACTIVITIES (PE 3)

4607

11th-12th Grade

1 or 2 Semesters

½ Credit per semester

Prerequisite(s):

Aerobic Activity continues to build on the experiences gained in Physical Education. Activities may include a variety of individual and team sports such as: badminton, softball, weights, archery, track, tennis, life skills, carry-over sports, gymnastics, & conditioning.

ATHLETICS

1 or 2 Semesters

9th-12th Grade

Courses Available:

½ Credit per semester

Boys Athletics 1 – 4631 Girls Athletics 1 - 4641

Boys Athletics 2 – 4632 Girls Athletics 2 - 4642

Boys Athletics 3 – 4633 Girls Athletics 3 - 4643

Boys Athletics 4 – 4634 Girls Athletics 4 – 4644

Prerequisite(s): Participation in team sports and coach's approval.

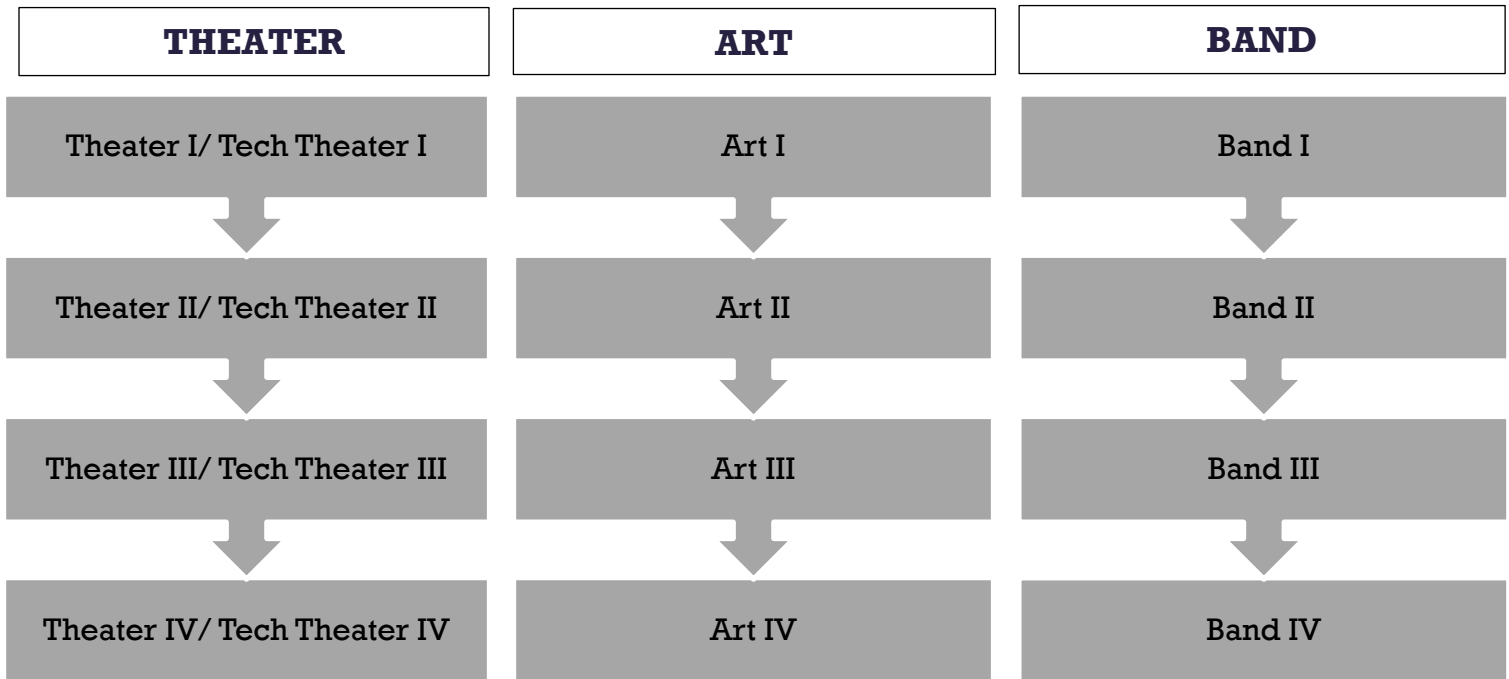
Athletics is an advanced physical education course designed for student athletes that participate in team sports. These classes shall be utilized for building strength, aerobic, agility, and flexibility training as well as team development for all athletes.

***Note: Athletics is a two-semester course for all underclassmen. Seniors intending to only participate in a fall sport may opt to take athletics for the fall semester only if it is so noted on the student's choice sheet. Otherwise, schedule changes to get out of athletics at the end of the fall semester are not allowed. These choices need to be made before the school year starts.**

Fine Arts

Arts & Humanities Endorsement

Endorsements are earned by completing four Fine Arts courses. Two years a Fine Arts strand may be combined with two years from another Fine Arts strand to form a coherent sequence.



Course Descriptions

HIGH SCHOOL BAND I-IV

9th – 12th Grade

2 Semester

1 Credit

Courses Available:

I – 4651 (Fall) & 4751 (Spring) (Prerequisite: Director Approval)

II – 4652 (Fall) & 4752 (Spring) (Prerequisite: Director Approval & HS Band I)

III – 4753 (Prerequisite: Director Approval & HS Band II)

IV – 4754 (Prerequisite: Director Approval & HS Band III)

Prerequisite(s): Director Approval required.

Courses 4651 and 4652 meet P. E. requirements. Students are members of the Marching Band and Concert Band. The Marching Band performs at ALL football games (some of them are out of town), U.I.L. contests, various area parades, etc. The Concert Band performs at U.I.L. contests, festivals, and other performances throughout the year. Emphasis is placed on musicianship and a positive cooperative attitude.

APPLIED MUSIC I-IV

9th-12th Grade

2 Semesters

1 Credit

Courses Available:

I – 4755 (Prerequisite: Director Approval)

II – 4756 (Prerequisite: Director Approval & Applied Music I)

III – 4757 (Prerequisite: Director Approval & Applied Music II)

IV – 4758 (Prerequisite: Director Approval & Applied Music III)

Prerequisite(s): Director Approval required.

This course is individualized for study, rehearsal, and performing of different styles of music (rock, swing, jazz, etc.).

ART I

9th-12th Grade

4731

1 Credit

2 Semesters

Prerequisite(s): None

Course provides an understanding of the elements and principles of good design through various art forms. The student will be provided with the opportunity to work in the areas of design, drawing, painting, printmaking, and sculpture. This course will provide students with experiences that incorporate a variety of media, artistic styles, and historical periods.

ART II

10th-12th Grade

4732

1 Credit

2 Semesters

Prerequisite(s): Art I

This course will provide the students with experiences that incorporate a variety of media, artistic styles, and historical periods.

ART III**4733***2 Semester**Prerequisite(s): Art II**11th-12th Grade**1 Credit*

Art III provides the students with the opportunity to be more expressive as a visual communicator with a focus on ceramic techniques. Complex projects will explore the various methods of both hand-built and wheel-thrown sculpture and pottery on an advanced level. Innovative glazing techniques and surface design will be stressed, in addition to loading and operating a kiln for firing their projects.

ART IV**4735***2 Semesters**Prerequisite(s): Art III**12th Grade**1 Credit*

Art IV continues to provide an in-depth study of the concepts introduced in the preceding courses. This course will require complex projects involving innovative and imaginative self-expression through various media. Aesthetic appreciation through visual discrimination and judgment will be developed. Students will be required to assemble a portfolio, as well as an awareness of career opportunities and college preparation will be emphasized.

ART IV AP**4736***2 Semesters**Prerequisite(s): Art III**12th Grade**1 Credit*

Art IVAP continues to provide an in-depth study of the concepts introduced in the preceding courses. This course will require complex projects involving innovative and imaginative self-expression through various media. Aesthetic appreciation through visual discrimination and judgment will be developed. Students will be required to assemble an AP portfolio for submission for AP credit.

THEATRE ARTS I**4721***2 Semesters**Prerequisite(s): None**9th-12th Grade**1 Credit*

Through diverse forms of storytelling and production, students will develop and exercise creativity, collaboration, confidence in public speaking, critical thinking, problem solving, and the fundamentals of performing. Students will perform in front of peers in a safe and positive classroom environment. Areas of performance include, but are not limited to pantomime, skits, improvisation, lip syncs, presentations, theater games, monologues, group scenes, and short productions. We will also cover the basics of theater history and technical theater.

THEATRE ARTS II-IV*10th-12th Grade*Courses Available:*1 Credit***II - 4722** (Prerequisite: Theater I)**III - 4725** (Prerequisite: Theater II)**IV - 4726** (Prerequisite: Theater III)*2 Semesters**Prerequisite(s): Theater I*

The advanced theater courses build on the skills learned in Theater 1. Advanced Theater students are afforded the opportunity to develop theater, interpersonal, problem solving, and leadership skills. Special emphasis will be given to character development, acting styles, improvisation, playwriting, and directing. Theatre III and IV will have an opportunity to direct scenes with their peers. All students are required to participate in one after school performance of their scenes in the spring and to attend and critique one play.

TECHNICAL THEATRE I*9th-12th Grade***4723***1 Credit**2 Semesters**Prerequisite(s): None*

Through diverse forms of theatrical production students will exercise and develop creativity, intellectual curiosity, critical thinking, problem-solving, and collaborative skills. First year technicians will learn shop safety, the basics of all areas of technical theater (set, properties, lighting, sound, publicity, stage management, costumes, makeup, and new media), theater history, and the process for evaluation and response. You will construct, paint, sew, research, draft, design, and evaluate a variety of theatrical productions.

TECHNICAL THEATRE II-IV*10th-12th Grade*Courses Available:*1 Credit***II - 4724** (Prerequisite: Technical Theater I)**III - 4727** (Prerequisite: Technical Theater II)**IV - 4728** (Prerequisite: Technical Theater III)*2 Semesters**Prerequisite(s): Tech Theater I, Teacher Approval*

The advanced technical theater courses will build upon skills learned in Technical Theatre I. Through diverse forms of theatrical production students are afforded the opportunity to develop design, interpersonal, problem solving, and leadership skills. For returning technicians this will be a combination practicum and class. They will specialize in one area of technical theater (lighting, sound, costumes, scenic, or stage management) and using this specialization will design for one production during the Navarro Theatre Season. Students will explore options available to a technician after graduation. Students are required to design a portfolio and attend and critique one play.

THEATRE PRODUCTION I-III*10th-12th Grade*Courses Available:*1 Credit***I – 4714** (Prerequisite: Teacher Approval -Audition)**II – 4715** (Prerequisite: Teacher Approval -Audition & Theater Production I)**III – 4716** (Prerequisite: Teacher Approval -Audition & Theater Production II)*2 Semesters**Prerequisite(s): Teacher Approval (Audition)*

All aspects of production, from acting and technical standpoints, will be explored. Our acting focuses will be on the actor's intention, voice and diction, character relationships, and physicalizing of characters. Our technical focuses will be on the design process, programming, and communication. This course requires after-school rehearsals and performance times, focusing on a fall production, UIL oral interpretation, UIL One Act Play, and an original work. Students must be willing to participate both as actors and crew members. When not actively on or backstage, students will focus on a variety of design and research projects. Students will be required to attend and critique one play per semester.

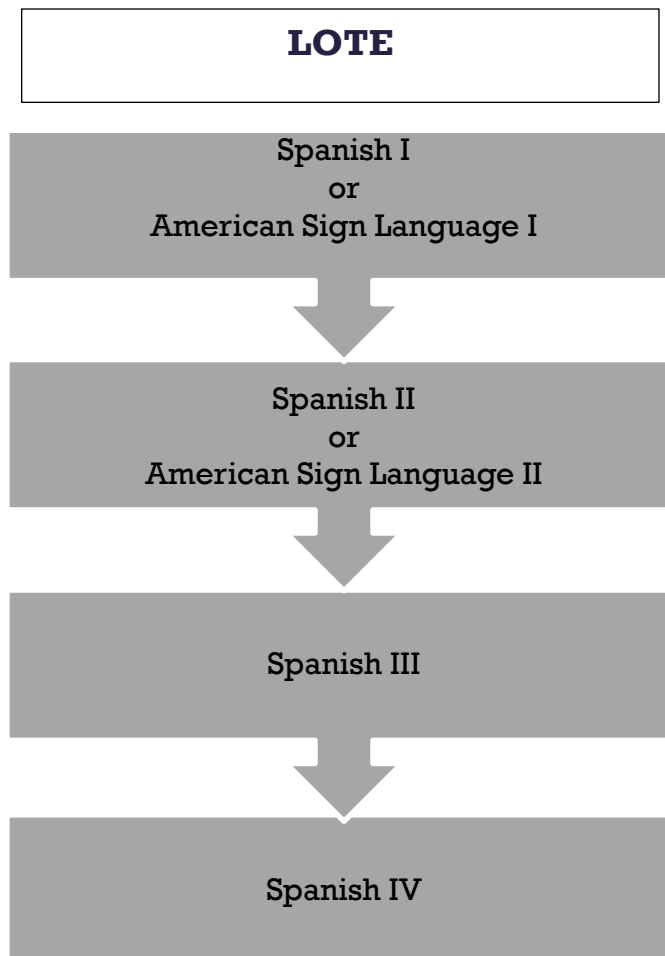
DANCE I-IV*9th-12th Grade*Courses Available:*1 Credit***Dance I – 4655** (Prerequisite: Teacher Approval -Audition)**Dance II – 4656** (Prerequisite: Teacher Approval -Audition & Dance I)**Dance III – 4657** (Prerequisite: Teacher Approval -Audition & Dance II)**Dance IV – 4658** (Prerequisite: Teacher Approval -Audition & Dance III)*2 Semesters**Prerequisite(s): Teacher Approval (Audition)*

Dance I is a fine arts course that introduces the terminology and general principles of dance. Through each course, students learn how to perform beginning and intermediate movements in a variety of dance styles amongst their peers in a safe and positive classroom environment. Students also study choreography and develop artistic judgment as well as self-discipline. Students will learn basic dance movements, stretching techniques, participate in group routines and individual/group projects. We will also cover the basics of history for each dance genre. There will be at least one required performance during the NISD Fine Arts Showcase and/or The Dazzler Spring Show. Dance class attire is required.

Languages Other Than English (LOTE)

Arts & Humanities Endorsement

Endorsements are earned by completing four Foreign Language courses. Either by taking 4 levels of courses within the same language or 2 levels each in two languages.



Course Descriptions

SPANISH I

4760

2 Semesters

Prerequisite(s): None

9th-11th Grade

1 Credit

This course is designed as a beginning class in Spanish. Students will develop initial listening, speaking, reading, and writing skills with an emphasis placed on enabling students to function in practical situations. Among other topics, they will learn how to talk about themselves, friends, families, interests, and daily activities. They will also learn about the culture and people of selected Spanish-speaking countries. Language instruction will be done combining primary and target language.

SPANISH II

4761

2 Semesters

Prerequisite(s): Spanish I

9th-12th Grade

1 Credit

This course reinforces and further develops listening, speaking, reading, and writing skills acquired in Spanish I. Continued emphasis will be placed on practical use of the language, oral presentations, and a variety of advanced oral interaction. Students will extend their ability to communicate about topics such as recreational activities, travel, food, school experiences, health, careers, and family relationships. Students will further develop their appreciation of Spanish-speaking people and their cultures. Students will have frequent opportunities to do independent, pair and group work.

SPANISH III HONORS

4762 (Class of 2025)

4764 (Class of 2026 & beyond)

2 Semesters

Prerequisite(s): Spanish II

9th-12th Grade

1 Credit

The development of proficiency in all four of the fundamental skill areas continues in this course. Additional emphasis is placed on speaking and conversational fluency in a variety of increasingly complex situations. Coursework includes selected higher level reading materials (including short stories, poetry, articles, and/or abridged novels), writing exercises, oral presentations, and a variety of advanced oral interaction. Students will have frequent opportunities to do independent, pair and group work.

SPANISH IV HONORS/AP**4763** (Class of 2025)**4768** (Class of 2026 and beyond)

2 Semesters

9th-12th Grade

1 Credit

Prerequisite(s): Spanish III

This course covers the equivalent of a third-year college course in advanced Spanish composition and conversation. It encompasses aural/oral skills, reading comprehension, vocabulary, grammar, and composition. The course emphasizes the use of Spanish for active communication.

AMERICAN SIGN LANGUAGE I (ASL)**4765**

2 Semesters

9th -12th Grade

1 Credit

Prerequisite(s): None

This course introduces students to American Sign Language. Both receptive and expressive signing will be introduced with interactive communication. Students will explore the culture of deaf and hard of hearing community and learn the history of the language.

AMERICAN SIGN LANGUAGE II (ASL)**4767**

2 Semesters

10th - 12th Grade

1 Credit

Prerequisite: ASL I

This course grows students' ability to distinguish between variations in signs and non-manual communication. Students are given opportunities to express and receive signed information. Students will increase their knowledge of signing skills in everyday situations and continue learning about the cultural perspectives of the deaf and hard of hearing community.

Locally Developed, Innovative, & Career Development Courses

Course Descriptions

ACTIVITIES OF DAILY LIVING

9131 *9th-12th Grade*
2 Semesters *1 Local Credit*
Prerequisite(s): Committee Approval Required

This local course is designed to provide instruction to students in real time as need arises in the areas of basic hygiene, grooming, cooking skills, household living, household cleaning, self-help skills, etc., in the classroom as well as in the community.

OCCUPATIONAL PREPARATION

9120 *9th-12th Grade*
2 Semesters *1 Local Credit*
Prerequisite(s): Committee Approval Required

This local course is designed to teach students skills needed in a job setting and/or training site, including administrative skills, secretarial skills, food service, retail and childcare.

RECREATION AND LEISURE

9130 *9th-12th Grade*
2 Semesters *1 Local Credit*
Prerequisite(s): Committee Approval Required

This local course is designed to provide instruction to students in the areas of lifelong recreational skills and activities including art, painting, crafts, exercising and recreational games (*indoors and outdoors*).

GENERAL EMPLOYABILITY SKILLS

GEMPLS 9121 *9th-12th Grade*
2 Semesters *1 Credit*
PEIMS: N1270153
Prerequisite(s): Committee Approval Required

This is an innovative CTE career development course. General Employability Skills provides students with general employability knowledge and skills. Included in the skills are attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong team members.

STUDENT TO INDUSTRY CONNECTION**ST2INDCN 9122***11th-12th Grade**2 Semesters**1 Credit**PEIMS: N1270154**Prerequisite(s): Committee Approval Required*

This is an innovative CTE career development course. Student to Industry Connection provides students with the opportunity to develop professional relationships with experienced individuals within the student's chosen program of study and to demonstrate necessary skills for an online virtual workplace. The central focus of this course is to prepare students to be 21st century career ready through interaction with a seasoned workplace mentor. The course may include a work-based learning component. Instruction will support students with marketable skills attainment.

CAREER PREPARATION*2 Semesters (One class period)**11th-12th Grade**Courses Available:**2 Credits (1 class section with 10 work hrs. per week)***CAREERP1 4550** *(First Time Taken)**PEIMS: 12701300**Prerequisite(s): 16 years of age, have transportation and employment.***CAREERP2 4549** *(Second Time Taken)**PEIMS: 12701400**Prerequisite(s): Career Preparation I, 16 years of age, have transportation and employment.*

This is a CTE career development course. Career Preparation courses provide opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment and supports strong partnerships among school, business and community stakeholders. Students must be employed by the 10th class day, **work an average of 10 or more hours per week**, maintain employment working designated hours for the entire school year, and able to submit proof of hours and earnings in order to participate in this class.

EXTENDED CAREER PREPARATION*2 Semesters (One class period)**11th-12th Grade**Courses Available:**3 Credits (1 class section with 15 work hrs. per week)***EXTCAREERP1 4534** *(First Time Taken)**PEIMS: 12701305**Prerequisite(s): 16 years of age, have transportation and employment.***EXTCAREERP2 4542** *(Second Time Taken)**PEIMS: 12701405**Prerequisite(s): Career Preparation I or Extended Career Preparation I, 16 years of age, have transportation and employment.*

This is a CTE career development course. Extended Career Preparation courses provide opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment and supports strong partnerships among school, business and community stakeholders. Ext Career Prep 1 is for first time taken and Ext Career Prep 2 is for 2nd time taken. Students must be employed by the 10th

class day, **work an average of 15 or more hours per week**, maintain employment working designated hours for the entire school year, and able to submit proof of hours and earnings in order to participate in this class.

INTERNETWORKING TECHNOLOGIES I DUAL CREDIT

INTNET1:D 8062 & 8063 *10th–11th Grade*

This is a CTE innovative online dual credit course. See the course description in the CTE section under the Cybersecurity P-TECH Program of Study pathway.

ADVANCED VIDEO GAME PROGRAMMING

ADVIDEOGP 4573 *(Class of 2025)*

ADVIDEOGP 4574 *(Class of 2026 & beyond) 11th - 12th Grade*

This is a CTE innovative course. See the course description in the CTE section under the Video Game Design Program of Study pathway.

ROBOTICS II – ROBOTIC2

ROBOTIC2 4575 *(Class of 2025)*

ROBOTIC2 4576 *(Class of 2026 & beyond) 11th-12th Grade*

This is a CTE innovative course. See the course description in the CTE section under the Engineering Robotics & Automation Program of Study pathway.

Online Dual Credit Courses

A variety of advanced electives are offered as online dual credit courses. **These courses require college ready TSIA2 scores as well as enrollment with St. Philip's College.** Unless indicated otherwise, these courses count as elective credit, and none count towards a student's GPA. These courses are intended for college bound juniors and seniors who have researched their higher education degree plans and know that these courses will contribute to their higher education plans. These courses **DO NOT** factor in rank or GPA. However, all dual credit course instruction and offerings are dependent upon the college and may be changed at any time.

Course Descriptions

PROFESSIONAL COMMUNICATIONS DUAL CREDIT

4712

11th –12th Grade

1 Semester

½ Credit

SPCH 1311

3 College Credit Hours

PEIMS: 13009900

Prerequisite(s): College Acceptance & TSIA Requirements

Students must meet requirements for dual credit enrollment. This course is aligned to SPCH 1311-Introduction to Speech Communication. This is a one semester course in professional communications. Students study a variety of different types of public speaking and deliver three original speeches. Students also study interpersonal communication as well as nonverbal communication. Courses are geared to help students improve ability to communicate in both social settings and in the workplace and are designed to promote self-confidence and speaking ability to enhance the individual student's potential for achieving his/her personal, educational, and professional goals. Students learn about communication theory, improve skills in communication with others, and make formal oral presentations. This course fulfills the additional Communication component area option of the core and addresses the following required objectives: Critical Thinking, Communication, Teamwork, and Personal Responsibility. The requirements for the course must be approved by the local district before the course begins.

COMMUNICATION APPLICATIONS DUAL CREDIT

8020

11th –12th Grade

1 Semester

½ Credit

SPCH 1315

3 College Credit Hours

PEIMS: 03241400

Prerequisite(s): College Acceptance & TSIA Requirements

Students must meet requirements for dual credit enrollment. This course is aligned to SPCH 1315 – Public Speaking. This is a one semester course in the application of communication. This course focuses on research, composition, organization, delivery,

and analysis of speeches for various purposes and occasions. This course is designed for students who want to improve skills in public speaking. Emphasis is on critical thinking and refining techniques of speaking. This course fulfills the additional Communication component area option of the core and addresses the following required objectives: Critical Thinking, Communication, Teamwork, and Personal Responsibility. The requirements for the course must be approved by the local district before the course begins.

SOCIOLOGY DUAL CREDIT

8028

11th–12th Grade

1 Semester

½ Credit

SOCI 1301

3 College Credit Hours

Prerequisite(s): College Acceptance & TSIA Requirements

Students must meet requirements for dual credit enrollment. This course is aligned to SOCI 1301 – Introductory Sociology. This is a one-semester course that studies the behaviors of groups of people and social trends. This is a survey course that examines the works of pioneers in the field of sociology as well as modern sociological theory. Students are introduced to the concepts and principles used in the study of group life, social institutions, and social processes. This course fulfills the Social and Behavioral Sciences foundational component area of the core and addresses the following required objectives: Critical Thinking, Communication, Empirical Quantitative Skills, and Social Responsibility. The requirements for course must be approved by the local district before the course begins.

PSYCHOLOGY DUAL CREDIT

8027

11th–12th Grade

1 Semester

½ Credit

PSYC 2301

3 College Credit Hours

Prerequisite(s): College Acceptance & TSIA Requirements

Students must meet requirements for dual credit enrollment. This course is aligned to PSYC 2301-General Psychology. This is a one-semester course that studies thought processes and behaviors of individuals as well as theories of human motivation, behavior, and mental processes. This is a survey course that examines the works of pioneers in the field of psychology as well as modern psychological theory. This course fulfills the Social and Behavioral Sciences foundational component area of the core and addresses the following required objectives: Critical Thinking, Communication, Empirical Quantitative Skills, and Social Responsibility. The requirements for the course must be approved by the local district before the course begins.

GOVERNMENT– FEDERAL GOVERNMENT DUAL CREDIT**8025***11th–12th Grade**1 Semester**½ Credit***GOVT 2305***3 College Credit Hours**Prerequisite(s): College Acceptance & TSIA Requirements*

Students must meet requirements for dual credit enrollment. This course is aligned to Govt 2305 – Federal Government. This is a one-semester course that can be followed by the Dual Credit GOVT 2306, Study of the Texas Government. GOVT 2305 credit meets the requirements for high school credit, however GOVT 2306 is an optional elective. Students will learn about the origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights. This course fulfills the Government/Political Science foundational component area of the core and addresses the following required objectives: Critical Thinking, Communication, Social Responsibility, and Personal Responsibility. The requirements for the course must be approved by the local district before the course begins.

GOVERNMENT ELECTIVE – STATE & LOCAL GOVERNMENT DUAL CREDIT**8030***11th–12th Grade**1 Semester**½ Credit***GOVT 2306***3 College Credit Hours**Prerequisite(s): College Acceptance & TSIA Requirements*

Students must meet requirements for dual credit enrollment. This course is aligned to Govt 2306 – Texas Government. This is a one-semester course that follows the Dual Credit GOVT 2305 study of the federal government. GOVT 2306 is an optional elective course not aligned to a high school dual credit course. However, this is a common required course for all instate two and four-year college degree plans. This course examines the structures, practices, and responsibilities of state and local governments as well as how they collaborate within our federal system. Students learn about the origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas. This course fulfills the Government/Political Science foundational component area of the core and addresses the following required objectives: Critical Thinking, Communication, Social Responsibility, and Personal Responsibility. The requirements for each course must be approved by the local district before the course begins.

INDEPENDENT STUDIES IN MATHEMATICS DUAL CREDIT**8040 & 8041***11th-12th Grade**2 Semesters**1 Credit***MATH 1414 & 2412***6 College Credit Hours**Prerequisite(s): Algebra II, Geometry, College Acceptance & TSIA Requirements*

Students must meet requirements for dual credit enrollment. This course is aligned to MATH 1414 (Algebra) in the Fall and MATH 2412 (Pre-Calculus) in the Spring. Students will extend their mathematical understanding beyond the Algebra II level in a specific area or areas of mathematics, such as theory of equations, number theory, non-Euclidean geometry, advanced survey of mathematics, or history of mathematics. MATH 1414 is an in-depth study and applications of polynomial, rational, radical, exponential, and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. MATH 2412 is the in-depth study of algebra, trigonometry, and other topics for calculus readiness. This course fulfills the mathematics foundational component area of the core and addresses the following required objectives: Critical Thinking, Communication, and Empirical Quantitative Skills. The requirements for each course must be approved by the local district before the course begins.

NETWORKING W/LAB DUAL CREDIT**NETWRLAB:D 8060 & 8061***10th-11th Grade*

This is a CTE online dual credit course. See the course description in the CTE section under the Cybersecurity P-TECH Program of Study pathway.

INTERNETWORKING TECHNOLOGIES I DUAL CREDIT**INTNET1:D 8062 & 8063***10th-11th Grade*

This is a CTE innovative online dual credit course. See the course description in the CTE section under the Cybersecurity P-TECH Program of Study pathway.

Career and Technical Education (CTE)

Career and Technical Education (CTE) programs offer a coherent sequence of courses that provide students with rigorous college and career-specific content that offers industry certifications, paid or unpaid work-based learning experiences, and/or dual credit opportunities upon completion of a sequence. CTE content is aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in current or emerging professions.

Endorsements assigned to each Program of Study can be earned by completing three or more courses for four or more credits within a CTE Program of Study.

Students will identify their Program of Study and associated Endorsement during their 8th grade year. Although students should follow the Program of Study sequence of courses to meet prerequisites and earn an Endorsement, there may be opportunities to change depending on the courses, space availability, and whether the change will not keep a student from earning an endorsement. Students currently in the programs take precedence in the aligned courses. and may be able to fit more than one elective or course sequence in another Program of Study throughout their high school career.

All students are required to take a Success 101 course called Project-Based Research, where students will prepare for their high school and post-graduation experience by investigating topics and issues related to their career interests and set current and post-secondary goals and strategies.

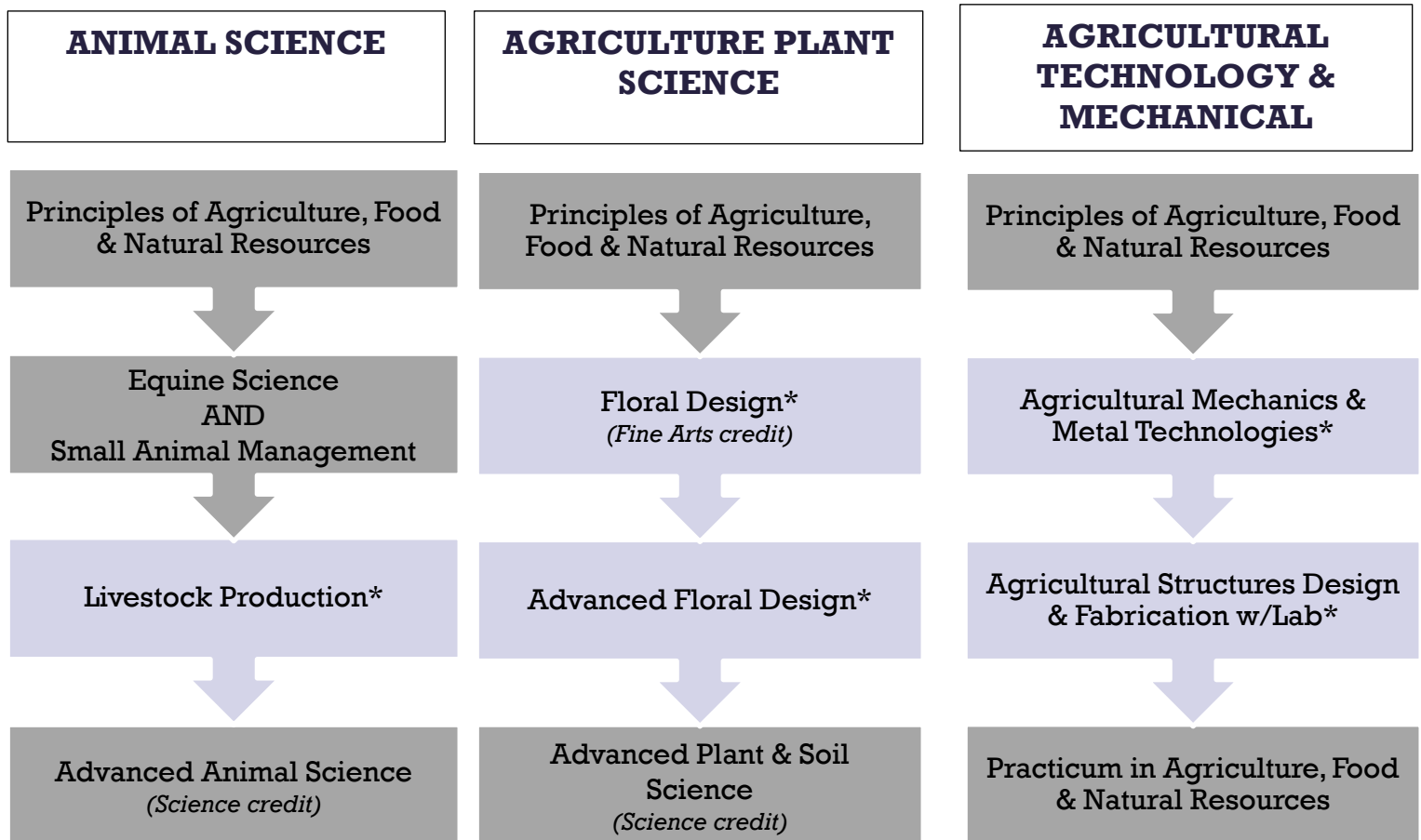
The charts in this section reflect the various Career and Technical Education Programs of Study offered at Navarro ISD that aligns to a Graduation Plan with an Endorsement.

Agriculture, Food and Natural Resources

Business & Industry Endorsement OR STEM Endorsement *(If science requirements are met)*

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

Programs of Study



Indicates that an Industry-based certification or licensure is offered. Students are awarded a **Performance Acknowledgement upon graduation once a state-recognized certification is earned.*

Course Descriptions

PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES

PRINAFNR 4501

9th-10th Grade

2 Semesters

1 Credit

PEIMS: 13000200

Prerequisite(s): None

This is a basic course designed to provide an introduction to global agriculture. The course includes units in agricultural career development, FFA, leadership, communications, personal finance, soils, plants, animals, supervised agricultural experience programs, and mechanized agriculture.

WILDLIFE, FISHERIES, AND ECOLOGY MANAGEMENT

WFECGT 4505

10th-12th Grade

2 Semesters

1 Credit

PEIMS: 13001500

Recommended Prerequisite(s): Principles of Agriculture, Food, and Natural Resources or

This course is an elective course for any students who wish to take part in the Ag Clays Shooting Sports program offered through the Navarro FFA Chapter. The course is designed to examine the importance of wildlife and outdoor recreation with an emphasis on the wise use and management of wildlife and natural resources as well as the related career opportunities. Hunting and fishing safety as well as boater safety are taught in this course. ***Students have the opportunity to earn a Texas Hunter Education Certification and/or Boater Education Certification (not for state accountability or performance acknowledgement).**

EQUINE SCIENCE

EQUINSCI 4503

10th -11th Grade

1 Semester

½ Credit

PEIMS: 13000500

Recommended Prerequisite(s): Principles of Agriculture Food and Natural Resources

In this course, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys, and mules. This course is taken in one semester along with Small Animal Management.

SMALL ANIMAL MANAGEMENT**SMANIMGT 4510***10th -11th Grade**1 Semester**½ Credit**PEIMS: 13000400**Recommended Prerequisite(s): Principles of Agriculture Food and Natural Resources*

Students will learn about topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds. The students will evaluate current topics in animal rights and animal welfare, learn the care and management requirements for a variety of small animals and examine career opportunities in small animal care. To prepare for possible careers in the field of animal science, students will learn about animal systems, as well as standards regarding career opportunities, entry requirements, and industry expectations. This course is taken in one semester along with Equine Science.

LIVESTOCK PRODUCTION**LIVEPROD 4509** *(Class of 2025)***LIVEPROD 4520** *(Class of 2026 & beyond)* *10th-12th Grade**2 Semesters**1 Credit**PEIMS: 13000300**Prerequisite(s): A minimum of one credit from the courses listed in the Animal Science Program of Study**Recommended Prerequisite(s): Small Animal Management & Equine Science*

Students will learn about topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. The students will learn technical skills relating to the interrelated human, scientific, and technological dimensions of animal systems, anatomy and physiology related to nutrition, reproduction, health, and management of livestock species, factors impacting commodity prices and costs and plan for dynamic changes in business operation. To prepare for careers in the field of animal science, students will gain knowledge related to animal systems and the workplace as well as career opportunities, entry requirements, and industry expectations. ***Students have the opportunity to earn an Elanco Fundamentals of Animal Science industry certification for a Performance Acknowledgment award.**

ADVANCED ANIMAL SCIENCE**ADVANSKI 4502***11th -12th Grade**2 Semesters**1 Credit**PEIMS: 13000700**Prerequisite(s): Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production**Recommended Prerequisite: Livestock Production*

Advanced Animal Science explains animal anatomy and physiology related to nutrition, reproduction, health, and management of domesticated animals; identifies nutritional requirements of ruminant and non-ruminant animals; and discusses animal genetics, reproduction, animal pests and diseases, and traditional and current issues in animal science and livestock production. Students will apply scientific principles, scientific inquiry, science and social ethics, safe laboratory practices, scientific methods and equipment used during field and laboratory investigations; use critical thinking, scientific reasoning and problem solving; apply principles of molecular genetics and heredity.

Note: This is a CTE course in the Animal Science Program of Study that satisfies a science credit requirement for students on the Foundation High School Program and in the Animal Science Program of Study. *Students have the opportunity to earn a Breeder License (not for performance acknowledgement or state accountability)

FLORAL DESIGN**PEFLDSN 4506** *(Class of 2025)**10th-12th Grade***PEFLDSN 4519** *(Class of 2026 & beyond)**1 Credit**2 Semesters**PEIMS: 13001800**Prerequisite(s): Principles of Agriculture Food and Natural Resources*

This course may be taken as an elective for Fine Arts credit however, students following the program of study have precedence for enrollment. The course provides real-world training in floral design and interior landscape. This course includes but is not limited to the art of floral design and arrangement, the use of foliage and related plant materials in arrangements and interiorscapes, and the processes of managing a florist operation.

Note: This is a CTE course in the Plant Science Program of Study that satisfies a fine arts credit requirement for students on the Foundation High School Program.

***Students have the opportunity to earn a Texas State Florist's Association Knowledge Based Floral industry certification for a Performance Acknowledgment award.**

ADVANCED FLORAL DESIGN

ADVFLDES 4504 (Class of 2025)

ADVFLDES 4524 (Class of 2026 & beyond) 11th- 12th Grade

2 Semesters

1 Credit

PEIMS: N1300270

Prerequisite(s): Floral Design

Advanced Floral Design is a CTE Innovative course. Students build on knowledge from the Floral Design course and are introduced to advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning. Students focus on building skills in and by understanding design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event. Through the analysis and evaluation of various occasion and event types, students explore the design needs and expectations of clients and propose and evaluate appropriate creations. From conception to evaluation, students are challenged to create and design appropriate specialty floral designs that meet the needs of the client. Furthermore, an emphasis on budgetary adherence and entrepreneurship equips students with many of the necessary skills needed for success in floral enterprises.

***Students have the opportunity to earn a Texas State Florist's Association Level I Floral Certification and optional Level II Floral Certification for a Performance Acknowledgement award.**

ADVANCED PLANT AND SOIL SCIENCE

ADVPSSCI 4508

11th-12th Grade

2 Semesters

1 Credit

PEIMS: 13002100

Prerequisite(s): Biology

Recommended Prerequisite(s): Integrated Physics and Chemistry, Chemistry or Physics, and a minimum of one credit from the courses listed in the Plant Science Program of Study

Advanced Plant and Soil Science is a course for science credit in the Agricultural Science (Plant) Program of Study. Plant and soil science provides a way of learning about the natural world. Students will learn how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. **Note: This is a CTE course that satisfies a science credit requirement for students on the Foundation High School Program.**

AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES

AGMECHMT 4507

10th-11th Grade

2 Semesters

1 Credit

PEIMS: 13002200

Prerequisite(s): Principles of Agriculture Food and Natural Resources

Agriculture Mechanics and Metal Technologies is designed to introduce basic theory and specialized skills in agricultural mechanics. Skills taught include tool identification and safe use, carpentry, electricity, plumbing, masonry, fencing, painting, metal working, and welding processes. *** Students have the opportunity to earn an AWS D9.1 Sheet Metal Welding industry certification for a Performance Acknowledgment award.**

AGRICULTURAL STRUCTURES DESIGN AND FABRICATION w/LAB

AGSDFLAB 4514

11th-12th Grade

2 Semesters (Two class periods)

2 Credits

PEIMS: 13002310

Prerequisite(s): Agricultural Mechanics and Metal Technologies

This course prepares students for careers in mechanized agriculture and technical systems, students attain knowledge and skills related to agricultural facilities design and fabrication. Students explore career opportunities, entry requirements, and industry expectations. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings. ***Students have the opportunity to earn an AWS D1.1 Structural Steel industry certification for a Performance Acknowledgment award.**

PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES

PRACAFNRI 4515 *(Class of 2025)*

PRACAFNRI 4516 *(Class of 2026 & beyond)* **12th Grade**

2 Semesters (Two class periods)

2 Credits

PEIMS: 13002500

Prerequisite(s): Principles of Agriculture Food and Natural Resources

Recommended Prerequisite(s): Agricultural Facilities Design and Fabrication w/Lab or a minimum of two course credits within the Agriculture Cluster.

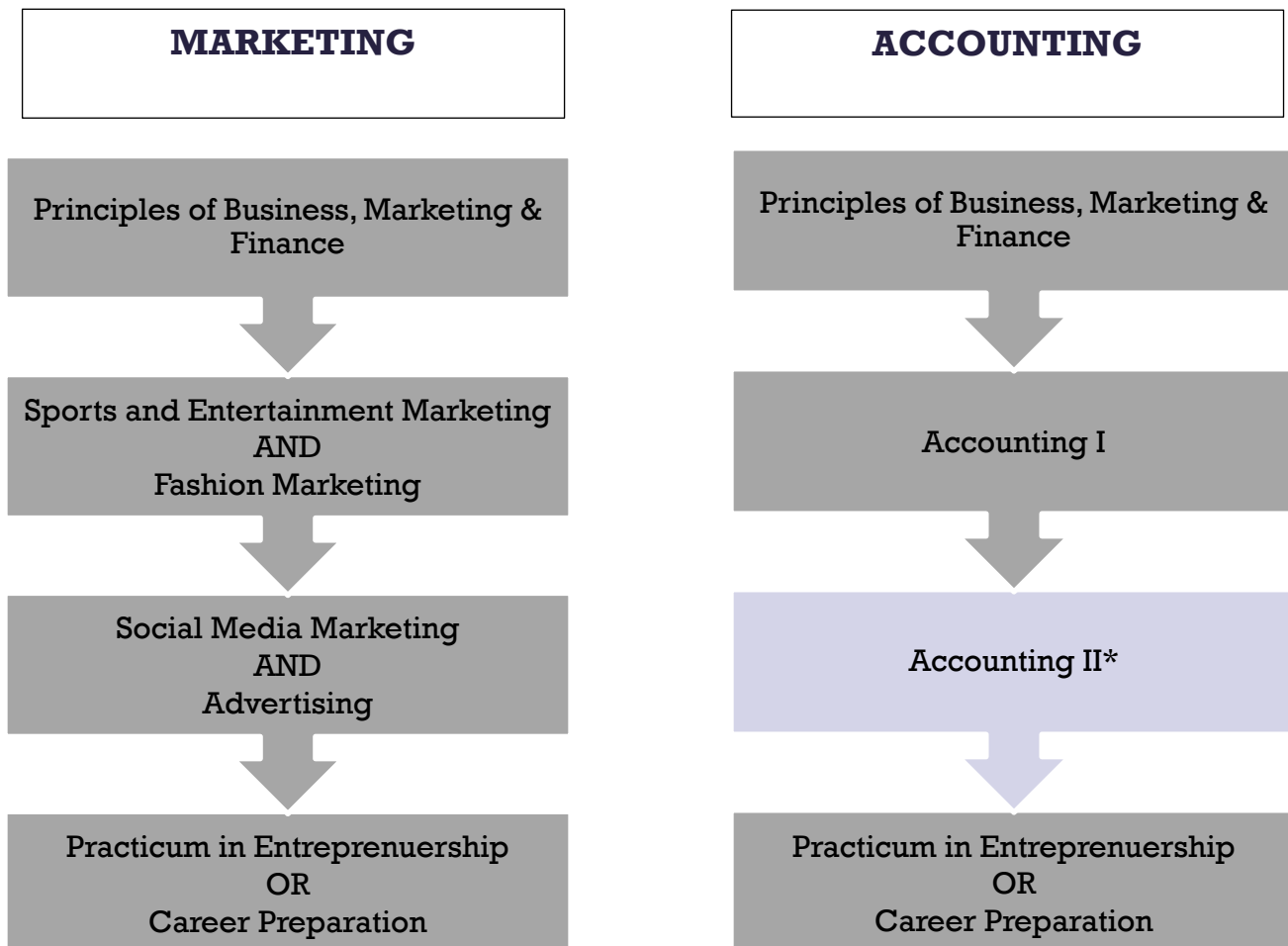
The Practicum in Agriculture course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Business, Marketing and Finance

Business & Industry Endorsement

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

Programs of Study



Note: An industry-based certification for the Marketing pathway is currently under review for the 24-25 school year and will be updated in the online version of course catalog.

*Indicates that an Industry-based certification or licensure is offered. Students are awarded a **Performance Acknowledgement** upon graduation once a state-recognized certification is earned.

Course Descriptions

PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

PRINBMF 4522

9th-10th Grade

2 Semesters

1 Credit

PEIMS: 13011200

Prerequisite(s): None

Students will 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.

SPORTS AND ENTERTAINMENT MARKETING

SPORTSEM 4554

10th-11th Grade

1 Semester

½ Credit

PEIMS: 13034600

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance or Equivalent

Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies. Students will also learn how sports and entertainment businesses achieve profitability and establish pricing strategies.

FASHION MARKETING

FASHMKTG 4551

10th-11th Grade

1 Semester

½ Credit

PEIMS: 13034300

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Fashion Marketing is designed to provide students with knowledge of the various business functions in the fashion industry. Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities. Students will study the marketing-information system as well as merchandising concepts and processes used in obtaining, developing, maintaining, and improving a product or service to respond to marketing opportunities.

SOCIAL MEDIA MARKETING**SMEDMKTG 4552**

1 Semester

11th-12th Grade

½ Credit

PEIMS: 13034650

Recommended Prerequisite(s): Sports and Entertainment Marketing & Fashion Marketing

Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure results. ***Certification is TBD and currently under review.**

ADVERTISING**ADVSALPR 4532**

1 Semester

11th-12th Grade

½ Credit

PEIMS: 13034200

Recommended Prerequisite(s): Sports and Entertainment Marketing & Fashion Marketing

Advertising is designed as a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, cultural, ethical, and legal issues of advertising, historical influences, strategies, media decision processes as well as integrated marketing communications, and careers in advertising and sales promotion. The course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge. ***Certification is TBD and currently under review.**

ACCOUNTING I**ACCOUNT1 4521**

2 Semesters

10th-11th Grade

1 Credit

PEIMS: 13016600

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Students will develop a broad understanding of the accounting cycle for a service business, inventory-based or merchandising business, payroll, and banking procedures. Students will apply technical skills to address business applications of emerging technologies. This course introduces general accounting concepts, principles, and procedures. Accounting develops the knowledge, skills, and attitudes necessary for individuals to conduct personal business or to further an education in the field of accounting.

ACCOUNTING II**ACC 2 4525***2 Semesters**PEIMS: 13016700**Prerequisite: Accounting I**11th-12th Grade**1 Credit*

Students will continue the investigations of 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 will reflect on this knowledge as they engage in various managerial and cost accounting activities. Students will formulate and interpret financial information for use in management decision making. **Note: Accounting II is a CTE course within the Accounting Program of Study that satisfies a math credit, however, does not count as an advanced Math in the STEM Endorsement. *Students have the opportunity to earn an Intuit QuickBooks industry certification for a Performance Acknowledgment award.**

PRACTICUM IN ENTREPRENEURSHIP**PRACENT 4543***2 semesters (Two class periods)**PEIMS: N1303425**Prerequisite: At least 2 course credits within the Business, Marketing & Finance Cluster**12th Grade**2 Credit*

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services.

CAREER PREPARATION*2 Semesters (One class period)**Courses Available:***CAREERP1 4550** *(First Time Taken)**PEIMS: 12701300**Prerequisite(s): 16 years of age, have transportation and employment.***CAREERP2 4549** *(Second Time Taken)**PEIMS: 12701400**Prerequisite(s): Career Preparation I, 16 years of age, have transportation and employment.**11th-12th Grade**2 Credits (1 class section with 10 work hrs. per week)*

This is a CTE career development course. Career Preparation courses provide opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment and supports strong partnerships among school, business and community stakeholders. Students must be employed by the 10th class day, **work an average of 10 or more hours per week**, maintain employment working designated hours for the entire school year, and able to submit proof of hours and earnings in order to participate in this class.

EXTENDED CAREER PREPARATION*2 Semesters (One class period)**11th-12th Grade**Courses Available:**3 Credits (1 class section with 15 work hrs. per week)***EXTCAREERP1 4534** *(First Time Taken)**PEIMS: 12701305**Prerequisite(s): 16 years of age, have transportation and employment.***EXTCAREERP2 4542** *(Second Time Taken)**PEIMS: 12701405**Prerequisite(s): Career Preparation I or Extended Career Preparation I, 16 years of age, have transportation and employment.*

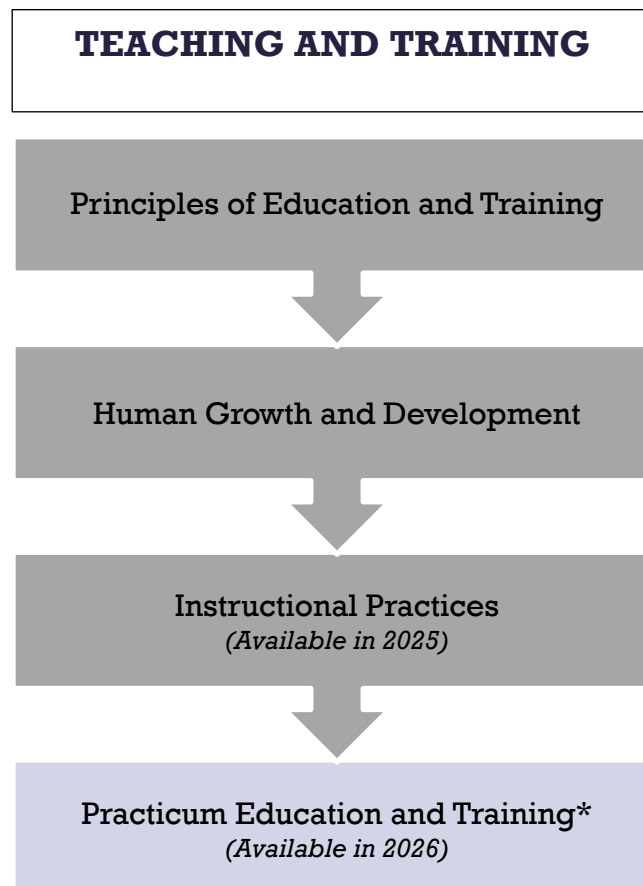
This is a CTE career development course. Extended Career Preparation courses provide opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment and supports strong partnerships among school, business and community stakeholders. Ext Career Prep 1 is for first time taken and Ext Career Prep 2 is for 2nd time taken. Students must be employed by the 10th class day, **work an average of 15 or more hours per week**, maintain employment working designated hours for the entire school year, and able to submit proof of hours and earnings in order to participate in this class.

Education and Training

Public Service Endorsement

The Education and Training Career Cluster focuses on planning, managing, and providing education and related learning support services. The Teaching & Learning Program of Study prepares learners for careers related to teaching, instruction, coaching, training and creation of instructional materials. Students learn the processes for developing curriculum, coordinating educational content, coaching, and deliver instruction. Throughout the program, students will participate in extended work-based learning experiences and apply skills that will prepare them for the Educational Aide I certificate, which allows for various college scholarships and employment opportunities. This program also includes the Grow Your Own (GYO) initiative to build a strong, stable, and diverse teacher pipeline for our own community. GYO aims to address teacher shortages, close demographic gaps between students and teachers, and build interest in the teaching profession among high school students. **Note: This is a new program that is currently being phased in.**

Program of Study



Indicates that an Industry-based certification or licensure is offered. Students are awarded a **Performance Acknowledgement upon graduation once a state-recognized certification is earned.*

Course Descriptions

PRINCIPLES OF EDUCATION & TRAINING

PRINEDTR 4766

9th-10th Grade

2 Semesters

1 Credit

PEIMS: 13014200

Prerequisite(s): None

This course is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self-knowledge as well as educational and workforce information to analyze various careers within the Education and Training Career Cluster. Throughout the course, students will develop a graduation plan that leads to a career choice within the student's specific area of education and training.

HUMAN GROWTH & DEVELOPMENT

HUGRDEV 4568

10th-11th Grade

2 Semesters

1 Credit

PEIMS: 13014300

Recommended Prerequisite(s): Principles of Education & Training

Human Growth and Development is an examination of human development across the lifespan with emphasis on 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.

FUTURE OFFERINGS:

INSTRUCTIONAL PRACTICES *(Available in 2025)*

INPRAC TBD

11th-12th Grade

2 Semesters (Two class periods)

2 Credits

PEIMS: 13014400

Prerequisite(s): 1 credit from a course in the Education & Training Career Cluster

Instructional Practices is a field-based (practicum) internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

PRACTICUM IN EDUCATION & TRAINING *(Available in 2026)*

PRACEDT1 TBD

12th Grade

2 Semesters (Two class periods)

2 Credits

PEIMS: 13014500

Prerequisite(s): Instructional Practices

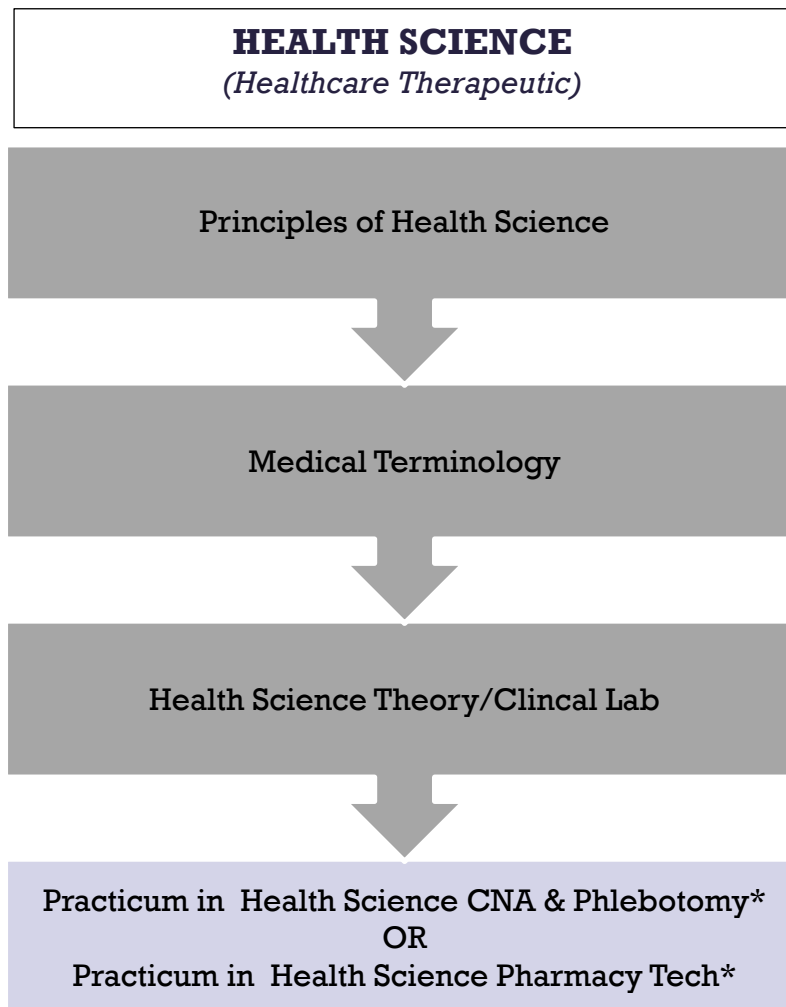
Practicum in Education and Training is a field-based internship that provides students with background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of 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. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel. ****Students have the opportunity to earn an SBEC Texas Educational Aid Certification for a Performance Acknowledgment award.***

Health Science

Public Service Endorsement

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, support services, and research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others. introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an introduction to the opportunities associated with providing treatment and counsel to patients as well as rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.

Program of Study



Indicates that an Industry-based certification or licensure is offered. Students are awarded a **Performance Acknowledgement upon graduation once a state-recognized certification is earned.*

Course Descriptions

PRINCIPLES OF HEALTH SCIENCE

PRINHLSC 4547

9th-10th Grade

2 Semesters

1 Credit

PEIMS: 13020200

Prerequisite(s): None

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

MEDICAL TERMINOLOGY

MEDTERM 4570

10th-11th Grade

2 Semesters

1 Credit

PEIMS: 13020300

Recommended Prerequisite(s): Principles of Health Science

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

HEALTH SCIENCE THEORY W/CLINICAL

HLSCLIN 4558

11th-12th Grade

2 Semesters (Two class periods)

2 Credits

PEIMS: 13020410

Prerequisite(s): Biology and at least 1 credit from a course listed in the Health Science Program of Study

Recommended Prerequisite(s): Medical Terminology

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. Students may complete their clinicals and practical experiences in a variety of ways, including rotations to various sites, simulated labs, and/or through job shadowing. Districts can offer the lab course in a consecutive block with Health Science Theory to allow students sufficient time to master the content of both courses, if needed. Many factors can influence the decision to offer one or both so decisions will be made prior to the school year and may vary each year.

PRACTICUM IN HEALTH SCIENCES

Available Courses

HEALTH SCI CPI 8021 (CNA & Phlebotomy)

HEALTH SCI PT1 8022 (Pharmacy Tech) 12th Grade

2 Semesters (Two class periods)

2 Credits

PEIMS: 13020500

Prerequisite(s): Biology and Health Science Theory

Recommended Prerequisite(s): Anatomy & Physiology and at least 2 credits from courses listed in the Health Science Program of Study

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences are a combination of direct classroom instruction as well as clinical work where students apply knowledge of routine nursing duties. ***Students have the opportunity to earn a Certified Nursing Assistant (CNA) and Phlebotomy or a Pharmacy Technician industry certification, depending on the chosen pathway, for a Performance Acknowledgment award.**

Information Technology

Business & Industry Endorsement

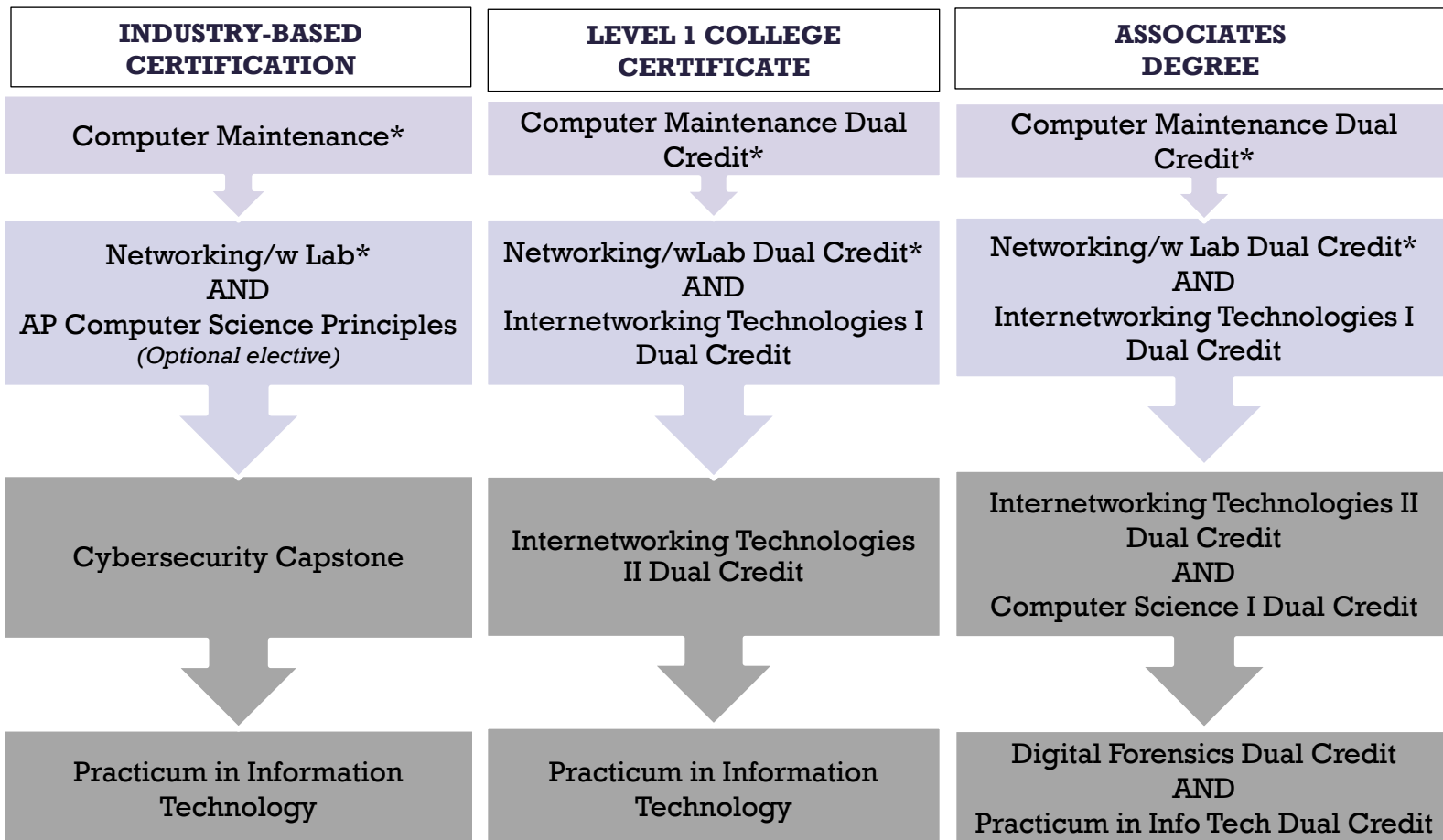
OR

STEM Endorsement (*If math or science requirements are met*)

The Cybersecurity program of study includes the occupations and educational opportunities related to planning, implementing, upgrading, or monitoring security measure for the protection of computer networks and information. This program of study may also include exploration into responding to computer security breaches and virus and administering network security measures. The Cybersecurity Program of Study is a P-TECH Academy. The application and details regarding this program can be found on the District's P-TECH website.

Program of Study

CYBERSECURITY P-TECH



NOTE: The Associate Degree pathway requires additional dual credit core coursework. The list of courses is found in the Crosswalk posted on the District's P-TECH website.

Indicates that an Industry-based certification or licensure is offered. Students are awarded a **Performance Acknowledgement upon graduation once a state-recognized certification is earned.*

Course Descriptions

COMPUTER MAINTENANCE

COMPMTN 4597 (Full Year) 9th-10th Grade

2 Semesters 1 Credit

COMPMTN 4578 (Fall, DC in Spring)

1 Semester 0.5 Credit

PEIMS: 13027300

Recommended Prerequisite(s): Principles of Information Technology

In Computer Maintenance, students will acquire knowledge of computer maintenance and create appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies. *** Students have the opportunity to earn a CompTIA A+ industry certification for a Performance Acknowledgment award.**

COMPUTER MAINTENANCE DUAL CREDIT

COMPMTN: D 8074 9th-10th Grade

1 Semester (Spring) 0.5 Credit

ITNW 1308 3 College Credit Hours

PEIMS: 13027300

Recommended Prerequisite(s): Principles of Information Technology

Prerequisite(s): College & P-TECH Academy Acceptance

Students must meet requirements for dual credit enrollment. This course is aligned to ITNW 1308 – Implementing Sand Supporting Client Operation Systems. In this course, students will focus on the CompTIA A+ Core 2 standards and will learn the fundamentals of managing and configuring network clients and how to work with users as well as install, maintain, secure and troubleshoot software. Students will acquire in-depth knowledge of computer maintenance and create appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies. The requirements for the course must be approved by the local district before the course begins. *** Students have the opportunity to earn a CompTIA A+ industry certification for a Performance Acknowledgment award.**

AP COMPUTER SCIENCE PRINCIPLES

APCSPRIN 4602 (Class of 2025) 10th-12th Grade

APCSPRIN 4603 (Class of 2026 & beyond) 1 Credit

2 Semesters

PEIMS: A3580300

Prerequisite(s): Algebra 1

Recommended Prerequisite(s): At least one credit in a course listed in the Cybersecurity Program of Study

AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems including the internet, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

NETWORKING W/LAB

NETWR 4598 (Class of 2025)

NETWR 4528 (Class of 2026 & beyond) 10th-11th Grade

2 Semesters (Two class periods) 2 Credits

PEIMS: 13027410

Prerequisite(s): Computer Maintenance

In Networking, students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Students will apply their skills to programs and equipment related to telecommunications and data networking technologies. The lab course must be taken concurrently with Networking and may not be taken as a stand-alone course. Districts are encouraged to offer this course in a consecutive block with Networking to allow students sufficient time to master the content of both courses. ***Students have the opportunity to earn a CompTIA Network+ industry certification for a Performance Acknowledgment award.**

NETWORKING W/LAB DUAL CREDIT

NETWRLAB:D 8060 & 8061 10th-11th Grade

2 Semesters (Two class periods) 2 Credits

ITNW 1425 & 2405 8 College Credit Hours

PEIMS: 13027410

Prerequisite(s): Computer Maintenance or Computer Maintenance Dual Credit, College & P-TECH Academy Acceptance

This is a CTE online dual credit course. Students must meet requirements for dual credit enrollment. This course is aligned to ITNW 1425 – Fundamentals of Networking Technologies and ITNW 2405 – Network Administration. Students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for

success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Students will apply their skills to programs and equipment related to telecommunications and data networking technologies. Topics in ITNW 1425 include the OSI reference model, network protocols, transmission media, and networking hardware and software. Topics in ITNW 2405 include network components, user accounts and groups, network file systems, file system security, and network printing. The requirements for the course must be approved by the local district before the course begins. ****Students have the opportunity to earn a CompTIA Network+ industry certification for a Performance Acknowledgment award.***

INTERNETWORKING TECHNOLOGIES I DUAL CREDIT

INTNET1:D 8062 & 8063

10th–11th Grade

2 Semesters

1 Credit

ITSC 1316 & ITSY 1342

6 College Credit Hours

PEIMS: N1302803

Prerequisite(s): Computer Maintenance or Computer Maintenance Dual Credit, College & P-TECH Academy Acceptance

This is a CTE innovative online dual credit course in the Cybersecurity P-TECH pathway. Students must meet requirements for dual credit enrollment. This course is aligned to ITSC 1316– Linux Installation and Configuration and ITSY 1342 – Information Technology Security. The Internetworking Technologies I course covers the essentials for routing and switching within a network. Students apply the concept of networking, using various analogies to help the student understand the movement of packets throughout the Internet, and the protocol standards used. The routing and switching concepts move the student into the theory of “moving packets.” Students learn how to correct destinations and learn how a network administrator can direct and/or streamline this process through device configuration and deployment. The requirements for the course must be approved by the local district before the course begins. ITSC 1316 introduces students to the Linux operating system. This includes Linux installation, basic administration, utilities and commands, upgrading, networking, security, and application installation. Emphasizes hands-on setup, administration, and management of Linux. Basic computer skills are required as well as an introductory operating systems course such as ITSC 1305. ITSY 1342 includes instruction in security for network hardware, software, and data, including physical security; backup procedures; relevant tools; encryption; and protection from viruses. The requirements for the course must be approved by the local district before the course begins.

CYBERSECURITY CAPSTONE**TACYBCAP 4529***11th-12th Grade**2 Semesters**1 Credit**PIEMS: 03580855**Recommended Prerequisite(s): Networking with Lab*

In the Cybersecurity Capstone course, students will develop the knowledge and skills needed to explore advanced concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities and will develop security policies to mitigate risks.

PRACTICUM IN INFORMATION TECHNOLOGY**PRACIT1 4591***12th Grade**2 Semesters (Two class periods)**2 Credits**PIEMS: 13028000*

Prerequisite(s): Networking/Lab or a minimum of two course credits within the Cybersecurity pathway.

This course is a senior capstone course offered for students in the Cybersecurity Program of Study. Students will gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation.

FUTURE OFFERING(S): *(for P-TECH Academy)*

INTERNETWORKING TECHNOLOGIES II DUAL CREDIT *(Available in 2025)*

COMPUTER SCIENCE I DUAL CREDIT *(Available in 2025)*

DIGITAL FORENSICS DUAL CREDIT *(Available in 2026)*

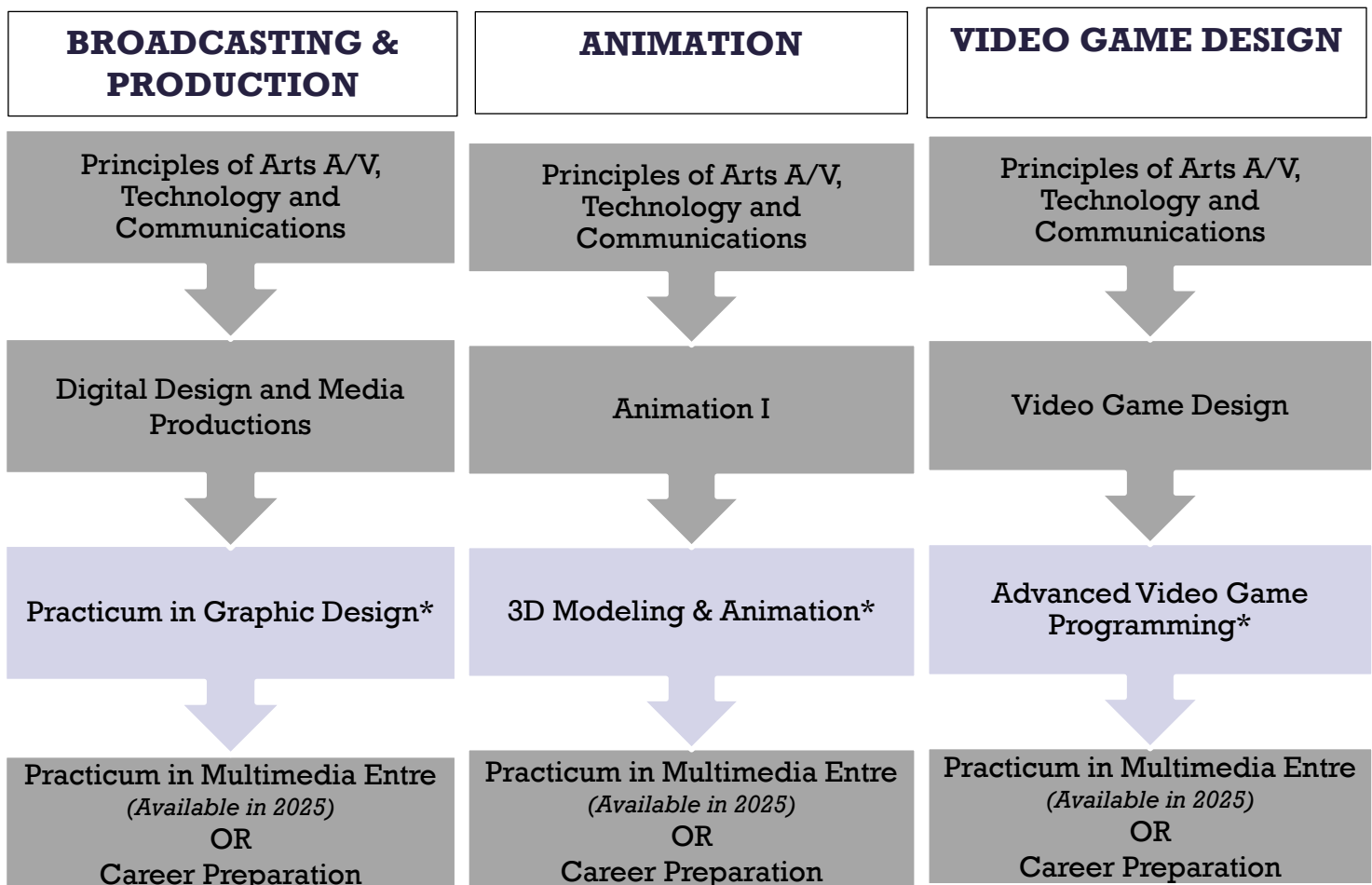
PRACTICUM IN INFORMATION TECHNOLOGY DUAL CREDIT *(Available in 2026)*

Multimedia Arts A/V

Business & Industry Endorsement

Multimedia Arts falls under the Arts, A/V Technology and Communications (AAVTC) Career Cluster, which focuses on careers in wide variety of multimedia areas, such as designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, broadcasting, and entertainment services. Careers in the AAVTC career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

Programs of Study



Indicates that an Industry-based certification or licensure is offered. Students are awarded a **Performance Acknowledgement upon graduation once a state-recognized certification is earned.*

Course Descriptions

PRINCIPLES OF ARTS A/V, TECHNOLOGY AND COMMUNICATIONS

PRINAAVTC 4560

9th-10th Grade

2 Semesters

1 Credit

PEIMS: 13008200

Prerequisite(s): None

The goal of this course is that the student understands arts, audio/video technology, and communications systems. 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. Students will be introduced to the terminology, equipment, and software programs and apply basic skills used within the industry.

ANIMATION I

ANIMAT1 4561

10th - 11th Grade

2 Semesters

1 Credit

PEIMS: 13008300

Recommended Prerequisite(s): Art I or Principles of Art, Audio/Video Technology, and Communications

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.

DIGITAL DESIGN AND MEDIA PRODUCTION

TADGMP 4563

10th - 11th Grade

2 Semesters

1 Credit

PEIMS: 03580400

Recommended Prerequisite(s): Professional Communications or Speech and Principles of Art, Audio/Video Technology, and Communications

Digital Design and Media Production will allow students to demonstrate creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others as well as independently. Students will gather information electronically, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will demonstrate a thorough understanding of digital design principles that is transferable to other disciplines. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

VIDEO GAME DESIGN

VIDGD 4564

10th - 11th Grade

2 Semesters

1 Credit

PEIMS: 13009970

Recommended Prerequisite(s): Art I and Principles of Art, Audio/Video Technology & Communications

Video Game Design will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

3D MODELING & ANIMATION

TA3DMA 4571 (Class of 2025)

TA3DMA 4572 (Class of 2026 & beyond) 11^h - 12th Grade

2 Semesters

1 Credit

PEIMS: 3580510

Recommended Prerequisite(s): Arts and Animation

Prerequisite(s): At least 1 course credit in the Multimedia program.

3-D Modeling and Animation consists of computer images created in a virtual three-dimensional (3-D) environment. 3-D Modeling and Animation has applications in many careers, including criminal justice, crime scene, and legal applications; construction and architecture; engineering and design; and the movie and game industries. Students in this course will produce various 3-D models of real-world objects. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts. ***Students have the opportunity to earn an Adobe Photoshop Certification or equivalent certification for a Performance Acknowledgment award.**

ADVANCED VIDEO GAME PROGRAMMING

ADVIDEOGP 4573 (Class of 2025)

ADVIDEOGP 4574 (Class of 2026 & beyond) 11th - 12th Grade

2 Semesters

1 Credit

PEIMS: N1300995

Recommended Prerequisite(s): Video Game Design

Prerequisite(s): At least 1 course credit in the Multimedia program.

This is a CTE innovative course. In Advanced Video Game Programming, students will be introduced to mobile application design and programming using Java and Eclipse for Android devices. Time will be spent learning basic Java programming and working with Android Studio to develop real working apps. Using Unity as an introduction to 3D game development, students will have exposure to and an understanding of: object-oriented programming concepts; game development skill with programs such as Unity; 3D modeling with programs such as Blender; image manipulation with programs such as GIMP; concepts related to the design process; and the ability to communicate and collaborate on group based projects. ***Students have the opportunity to earn a C++ or equivalent certification for a Performance Acknowledgment award.**

PRACTICUM IN GRAPHIC DESIGN & ILLUSTRATION

PRACGRD1 4562

11th-12th Grade

2 semesters (Two class periods)

2 Credit

PEIMS: 13009000

Prerequisite: At least 1 course credit within the Broadcasting & Production Program of Study.

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 and emphasis on broadcasting and journalism. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

***Students have the opportunity to earn an Adobe Photoshop Certification or equivalent certification for a Performance Acknowledgment award.**

CAREER PREPARATION

2 Semesters (1 class period)

11th-12th Grade

Courses Available:

2 Credits (1 class section with 10 work hrs. per week)

CAREERP1 4550 (First Time Taken)

PEIMS: 12701300

Prerequisite(s): 16 years of age, have transportation and employment.

CAREERP2 4549 (Second Time Taken)

PEIMS: 12701400

Prerequisite(s): Career Preparation I, 16 years of age, have transportation and employment.

This is a CTE career development course. Career Preparation courses provide opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment and supports strong partnerships among school, business and community stakeholders. Students must be employed by the 10th class day, **work an average of 10 or more hours per week**, maintain employment

working designated hours for the entire school year, and able to submit proof of hours and earnings in order to participate in this class.

EXTENDED CAREER PREPARATION

2 Semesters (1 Class Period)

11th-12th Grade

Courses Available:

3 Credits (1 class section with 15 work hrs. per week)

EXTCAREERP1 4534 (First Time Taken)

PEIMS: 12701305

Prerequisite(s): 16 years of age, have transportation and employment.

EXTCAREERP2 4542 (Second Time Taken)

PEIMS: 12701405

Prerequisite(s): Career Preparation I or Extended Career Preparation I, 16 years of age, have transportation and employment.

This is a CTE career development course. Extended Career Preparation courses provide opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment and supports strong partnerships among school, business and community stakeholders. Ext Career Prep 1 is for first time taken and Ext Career Prep 2 is for 2nd time taken. Students must be employed by the 10th class day, **work an average of 15 or more hours per week**, maintain employment working designated hours for the entire school year, and able to submit proof of hours and earnings in order to participate in this class.

FUTURE OFFERING(S):

PRACTICUM IN MULTIMEDIA ENTREPRENEURSHIP- (Available in 2025)

PRACMENT TBD

12th Grade

2 semesters (Two class periods)

2 Credit

PEIMS: N1303425

Prerequisite: At least 2 course credits within the Audio/Video Technology & Communications Cluster

Students will learn the principles necessary to begin and operate a business and apply real-world application within the multimedia industry. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services.

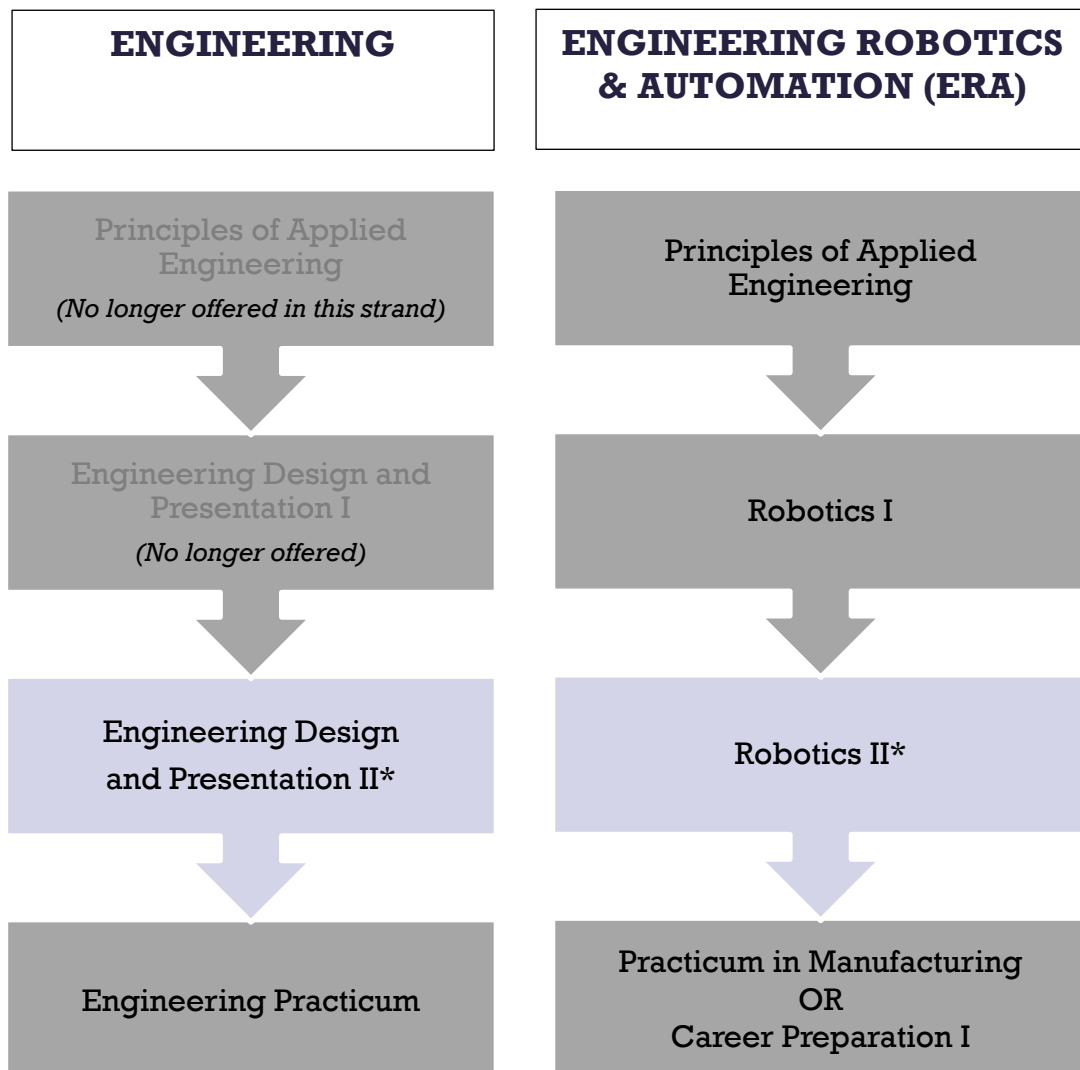
STEM/Advanced Manufacturing

**Business & Industry Endorsement
OR**

STEM Endorsement (*If math or science requirements are met*)

The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing, scientific research and professional and technical services, including laboratory and testing services, and research and development services. **Note: Engineering is being phased out and replaced by Engineering, Robotics and Automation (ERA).** Some courses may be limited and subject to change.

Programs of Study



Indicates that Industry-based certification or licensure is offered. Students are awarded a **Performance Acknowledgement upon graduation once a state-recognized certification is earned.*

Course Descriptions

PRINCIPLES OF APPLIED ENGINEERING

PRAPPENG 4594

9th-10th Grade

2 Semesters

1 Credit

PIEMS: 13036200

Prerequisite(s): None

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

ENGINEERING DESIGN AND PRESENTATION II

ENGDSR2 4549

11th Grade

2 Semesters

1 Credit

PIEMS: 13036600

Prerequisite(s): Algebra I, Geometry, and Engineering Design and Presentation I

Engineering Design and Presentation II is a continuation of knowledge and skills learned in Engineering Design and Presentation I. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Emphasis will be placed on using skills from ideation through prototyping. ***Students have the opportunity to earn an AutoCAD Fusion 360 industry certification for a Performance Acknowledgment award.**

ROBOTICS I

ROBOTIC1 4601

10th-11th Grade

2 Semesters

1 Credit

PIEMS: 13037000

Recommended Prerequisite(s): Principles of Applied Engineering

In Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

ROBOTICS II

ROBOTIC2 4575 (Class of 2025)

ROBOTIC2 4576 (Class of 2026 & beyond) 11th-12th Grade

2 Semesters

1 Credit

PEIMS: 13037050

Prerequisite(s): Robotics I

This is a CTE innovative course. In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. ***Students have the opportunity to earn an AutoCAD Fusion 360 industry certification for a Performance Acknowledgment award. Note: Robotics II is a CTE course within the ERA Program of Study that satisfies a math credit, however, does not count as an advanced Math in the STEM Endorsement.**

CAREER PREPARATION

2 Semesters (One Class Period)

11th-12th Grade

Courses Available:

2 Credits (1 class section with 10 work hrs. per week)

CAREERP1 4550 (First Time Taken)

PEIMS: 12701300

Prerequisite(s): 16 years of age, have transportation and employment.

CAREERP2 4549 (Second Time Taken)

PEIMS: 12701400

Prerequisite(s): Career Preparation I, 16 years of age, have transportation and employment.

This is a CTE career development course. Career Preparation courses provide opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment and supports strong partnerships among school, business and community stakeholders. Students must be employed by the 10th class day, **work an average of 10 or more hours per week**, maintain employment working designated hours for the entire school year, and able to submit proof of hours and earnings in order to participate in this class.

EXTENDED CAREER PREPARATION

2 Semesters (One Class Period)

11th-12th Grade

Courses Available:

3 Credits (1 class section with 15 work hrs. per week)

EXTCAREERP1 4534 (First Time Taken)

PEIMS: 12701305

Prerequisite(s): 16 years of age, have transportation and employment.

EXTCAREERP2 4542 (Second Time Taken)

PEIMS: 12701405

Prerequisite(s): Career Preparation I or Extended Career Preparation I, 16 years of age, have transportation and employment.

This is a CTE career development course. Extended Career Preparation courses provide opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment and supports strong partnerships

among school, business and community stakeholders. Ext Career Prep 1 is for first time taken and Ext Career Prep 2 is for 2nd time taken. Students must be employed by the 10th class day, **work an average of 15 or more hours per week**, maintain employment working designated hours for the entire school year, and able to submit proof of hours and earnings in order to participate in this class.

FUTURE OFFERING(S):

PRACTICUM IN MANUFACTURING - PRACMAN1 (Available in 2025)

PRACMAN1 TBD 12th Grade

2 Semesters (Two class periods) 2 Credits

PIEMS: 13033000

Prerequisite(s): Robotics II

The Practicum in Manufacturing course 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.

ENGINEERING PRACTICUM (Practicum in STEM) (Available in 2025)

PRCSTEM1 TBD 12th Grade

2 Semesters (Two class periods) 2 Credits

PIEMS: 13037400

Prerequisite(s): Algebra I and Geometry

Recommended Prerequisite(s): Engineering Design and Presentation II or at least to credits from courses listed in the Engineering Program of Study

The Engineering 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. The practicum allows students to demonstrate technical knowledge and skills required to pursue a career in engineering as well as simulate on the job experiences in the field of study.



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