HIGH SCHOOL

ACADEMIC COURSE GUIDE & CATALOG

PROSPER INDEPENDENT SCHOOL DISTRICT









2027-2028

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Prosper Independent School District

Mission, Vision, and Guiding Principles

Mission

Unite students, families, teachers, staff, and the larger community in the relentless pursuit of excellence.

Vision

Prosper ISD envisions a learning community where students, families, teachers, staff, and community members unite as partners in education, creating an environment where excellence is expected and achieved daily. Through personalized learning experiences that honor individual strengths and challenges, we fulfill the promise in every child, preparing them with the knowledge, skills, and character to thrive in an ever-changing world. Our tight-knit community remains our foundation even as we grow, ensuring everyone is seen, valued, and empowered to reach their full potential.

Together, we build a future where Prosper students graduate ready to lead confidently, innovate purposefully, and make meaningful contributions to society.

Guiding Principles

Together We Champion:

Supporting every student's journey to excellence

Together We Cultivate:

Creating meaningful connections across our growing community

Together We Empower:

Developing our people to lead and inspire growth

Together We Prosper:

Uniting in shared purpose while honoring individuality

How to Use The Academic Guide and Course Catalog

This catalog serves to provide students and their families with key information needed to make informed decisions regarding academic pathways and graduation requirements. We strongly encourage parents/guardians and students to familiarize themselves with the graduation and endorsement criteria outlined here, and to collaborate closely with teachers and counselors to ensure the best possible academic choices are made.

Please note, the Texas Education Agency and the Texas State Board of Education may revise requirements throughout the school year. While the information in this guide is accurate at the time of publication, updates will be made as new information becomes available.

This guide is intended for reference purposes and does not supersede board policy. Any exceptions or unique circumstances will be addressed at the discretion of the campus principal.

It is the policy of the Prosper Independent School District not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices and/or its career and technical education programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; title IX of the Education Amendments of 1972, 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 Title IX Coordinator at (945) 678-0000.

Prosper ISD offers Career and Technical Education Programs for Prosper ISD students in Agriculture, Food & Natural Resources, Architecture, Arts, A/V Technology & Communications, Business Management & Administration, Education & Training, Finance, Health Science, Hospitality & Tourism, Human Services, Information Technology, Law, Public Safety, Corrections & Security, Manufacturing, Marketing, Engineering, and Transportation, Distribution & Logistics. Admission to these programs is based on interest and aptitude, age appropriateness, and class space available.

The Prosper Independent School District will take steps to ensure that lack of English language skills will not be a barrier to admission and participation in all educational and career and technical education programs. The Prosper Independent School District offers a free and appropriate education to eligible students.

Academic Guidelines

Graduation Information and Requirements

Graduation Requirements

Graduation requirements include:

- 26 credits (Foundation High School Program with Endorsement)
  - English: 4 Credits
  - Mathematics: 4 Credits
  - Social Studies: 4 Credits
  - Science: 4 Credits
  - World Languages: 2 Credits
  - Fine Arts: 1 Credit
  - Physical Education: 1 Credit
  - Electives: 6 Credits
    - In rare cases, or by ARD Committee determination, students may graduate on the Foundation Only Program with parent/guardian, principal, and counselor approval. This decision can be decided after a student's sophomore year.
- Four End of Course State Assessments: English I; Algebra I; Biology; U.S. History (Class of 2028 and beyond)
  - Students who take an EOC course in middle school will be expected to take either the SAT or ACT prior to graduation. At least one of these tests will be offered during the school day at no cost to all students in the spring of their junior year.
- Students must complete one of the following:
  - Submit a Free Application for Federal Student Aid
  - Submit a Texas Application for State Financial Aid
  - Submit a signed opt-out form in Skyward in the parent portal
  - Elect whether to opt in or opt out to allowing the Texas Higher Education Coordinating Board (THECB) to share student data through My Texas Future
    - What is My Future Texas
    - My Future Texas Account Creation Instructions

Early High School Graduation

Students who complete all Texas High School graduation requirements may graduate early. Students who are considering graduating in 3 or 3½ years must submit an application and work with their school counselor to develop a plan for meeting all requirements. Connect with your high school counselor if you are considering early graduation.

Texas First Early High School Completion Program

Texas First Early High School Completion Program allows public high school students who demonstrate readiness for college to graduate early from high school. Students interested in this opportunity, contact your school counselor. Students must complete an application with their school counselor. Eligibility is determined based on academic readiness for post-secondary success in English, math, science, social studies, and world languages.

Distinguished Level of Achievement

In Prosper ISD, our students will be on the Foundation High School Graduation Program with Endorsement and earn the Distinguished Level of Achievement (DLA). This will best prepare our students for college, career, and the workforce.

To qualify for automatic admission into a Texas public university under the Top 10% law, a student must earn the Distinguished Level of Achievement by completing:

- Four credits in mathematics that must include Algebra II
- Four credits in science
- Foundation High School Program with Endorsement curriculum requirements

Endorsements

As students transition to high school, all Prosper ISD students are automatically placed on the Multidisciplinary Studies endorsement, which provides a strong, well-rounded academic foundation. In addition to Multidisciplinary Studies, students can pursue additional endorsements in areas of:

- Arts and Humanities
- Business and Industry
- Public Services
- Science, Technology Engineering, and Math (STEM)

These endorsements allow students to tailor their high school experience to suit their career paths or college goals. To earn an endorsement, students must complete specific curriculum requirements, including a fourth credit in both math and science. Students can learn more about courses for endorsement in the Academic Planning and Course Selection section of this document.

Students may change or add endorsements at any time with signed approval from both the parent/guardian and student.

Performance Acknowledgments

Students may earn Performance Acknowledgments through outstanding achievement by:

- Earning a nationally or internationally recognized business or industry certification or license.
- Outstanding Performance in Dual Credit courses
    - Earn at least 12 hours of dual credit as part of the Texas core curriculum or advanced technical credit courses with a GPA of 3.0 or higher on a 4.0 scale
    - Earn an Associates Degree while in high school
- Outstanding Performance in Bilingualism and Biliteracy
    - Complete all English Language Arts requirements and maintain a minimum of an 80 average on a 100 point grading scale. Students must also complete one of the following:

        - Complete a minimum of 3 credits in the same language in a language other than English with an 80 average on a 100 point grading scale,
        - Demonstrate proficiency in TEKS for Level IV or higher in a language other than English with an 80 average on a 100 point grading scale,
        - Completion of at least 3 credits in foundation subject area courses in a language other than English with an 80 average on a 100 point grading scale, or
        - Demonstrate proficiency in one or more World Languages (LOTE) through
            - A score of 3 or higher on a College Board Advanced Placement examination for a language other than English or a score of 4 or higher on an International Baccalaureate examination for a 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.
    - Emergent Bilingual (English Language) Learners must also have:
        - Participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and
        - Scored Advanced High on the Texas English Language Proficiency Assessment System (TELPAS)
- Outstanding Performance on a College Board Advanced Placement or International Baccalaureate Exam
    - A score of 3 or higher on a College Board Advanced Placement exam
    - A score of 4 or higher on an International Baccalaureate examination
- Outstanding Performance on a College Readiness Exam
    - 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, or as an awardee of the National Recognition Programs of the College Board;
    - Earning a composite score of at least 442 on the ACT Aspire™;
    - Earning a composite score of at least 29 on the ACT PreACT®;
    - Earning a total score of at least 101 on the Classic Learning Test® (CLT)
    - Earning a combined critical reading and mathematics score of at least 1340 on the SAT®; or
    - Earning a composite score on the ACT® examination of 29 (excluding the writing subscore)

Expanded Learning Pathways

Expanded Learning provides non-traditional pathways to ensure all secondary students have a viable route to graduation and post-secondary success.

To participate in an Expanded Learning online course, students must meet with their campus counselor to evaluate eligibility, ensure alignment with their graduation plan, and confirm schedule availability. Approval is contingent upon completing all required prerequisite coursework. Please note that course offerings across all pathways are subject to availability and seats may be limited.

All online courses maintain academic rigor equivalent to traditional classroom instruction, strictly aligning with Texas Essential Knowledge and Skills (TEKS) and district standards. To ensure academic integrity, assessments must be proctored in accordance with Prosper ISD guidelines. To earn credit, students are required to complete 100% of the coursework, including all graded submissions, with a final score of 70% or higher within the designated timeframe. Parents and guardians are expected to actively monitor their student's progress throughout the course.

On-Campus Pathways

On-campus Expanded Learning pathways are scheduled directly into the student's school day as one of their eight class periods. The student's schedule will list "Expanded Learning" as the course name. Counselor approval is required for all Expanded Learning pathways.

- Credit Recovery: Students who have failed a course may recover credit during a designated Expanded Learning period.
- Credit Acceleration: Students who are behind on credits for their graduation cohort can take online coursework through Expanded Learning to close the gap, with counselor approval. The student's schedule will list "Expanded Learning" as the course name.
- On-Track Students: Students who are on track but have scheduling conflicts with traditional, on-campus course offerings may request an online course through Expanded Learning prior to the start of the semester. If approved, the student's schedule will list "Expanded Learning" as the course name.

Hybrid Program- More Information Coming Soon

Information regarding the Prosper ISD Hybrid Program will be shared with families prior to course selection. Details regarding enrollment criteria, program structure, and course availability will be included in the Hybrid Program addendum and released once finalized.

Prosper ISD Supplemental Online Learning - Coming Spring 2027

Prosper ISD students will be able to take fee-based online courses monitored by certified PISD teachers. Complete details regarding course offerings, fees, registration, approval steps, and the official launch date will be available in the Spring of 2027.

Summer School

Students can earn initial credit or retake failed courses through Prosper ISD, an approved online program, or another Texas school district, with counselor approval and prerequisite completion. Costs are the student's responsibility, and summer school details are posted on the district website in the spring. Original credit is not available for End-of-Course (EOC) subjects, except for Collin College U.S. History dual credit. Courses must be completed and grades submitted by August 2, 2027. See the district's summer school webpage for more information.

External Distance Learning and Correspondence Courses

Students may earn credit outside the regular school day through approved distance learning programs: University of Texas High School and Texas Tech University K-12. Coursework from non-approved programs will not be accepted for graduation credit.

- Approval Process: Students must complete prerequisites, meet with counselor, and parent must submit correspondence acknowledgement form initiated by the counselor prior to enrolling. Taking only one course at a time alongside a regular schedule is recommended.
- Costs: Students are responsible for all enrollment fees. Earned credits and grades appear on the transcript.
- Deadlines: For students entering grades 9–11, documentation submitted after August 2, 2027, will not be transcribed until the spring semester and no course changes will be made for the 2027-2028 school year. Students classified as grade 12 may submit documentation for courses needed for graduation until:
    - December 1, 2027, for December graduates;
    - May 1, 2028, for May graduate.

Credit by Exam

Credit by Examination with Prior Instruction

Students who have received prior instruction of a course but did not earn credit previously or have taken a course but did not earn credit for the course may earn credit by passing a Credit by Exam (CBE), which tests the essential skills and knowledge of the course. To receive credit, students must score at least 70 on the exam. The attendance review committee may allow students with excessive absences to earn credit through CBE if credit was previously denied. CBE information is available from the district website and campus counselor, and study guides are available online.

Credit by Examination (CBE) without Prior Instruction

Prosper ISD allows students in grades 9-12 to earn credit for courses in which they have not received prior instruction by scoring 80% or higher on a Credit by Exam (CBE). Both semester exams must be passed with a score of 80% or higher to receive credit; partial credit is not awarded for acceleration. Students must meet with their counselor and parents must submit the CBE acknowledgement form before the test will be ordered. Students will not be approved if they have not completed the prerequisites for the course they would like to take. Students may attempt the CBE for a specific course a maximum of two times but not in the same testing window. For students proficient in a language other than English (LOTE), Prosper ISD offers CBEs through Avant Assessment. CBE information is available from the campus counselor or the district website. All CBEs must be taken during the published testing windows. The district covers the cost of the exam when taken at the district assigned time and location. Families have the option to test remotely, during the testing window, at their own expense.

After passing the CBE, the numerical score earned on both semester exams will be posted to the student's high school transcript and the student will earn high school credit. Scores not meeting the passing standard on the test or failure to attempt the test will be documented in the student's high school transcript as "NG (No Grade)."

GPA Implications for graduating classes of 2028-2030: The transcripted CBE and numerical score WILL NOT be calculated into the student's GPA or class rank.

GPA Implications for graduating classes of 2031: The transcripted CBE and numerical score WILL be calculated into the student's GPA or class rank as an on-level course.

College Board Exams for Credit

Students may earn credit if they earn a three or higher on a College Board Advanced Placement exam or a scaled score of 50 or higher on a College-Level Examination Program (CLEP) exam. Counselors will require official score reports from The College Board. See the Credit by Exam webpage for more information.

Grading and Reporting

Attendance for Credit or Final Grade (Kindergarten- Grade 12)

To receive credit or a final grade in a class, a student must attend at least 90 percent of the days the class is offered. A student who is in attendance for at least 75 percent, but less than 90 percent of the days the class is offered may still receive credit or a final grade if they complete a makeup or recovery plan approved by the school principal. Students who do not complete the plan will be referred to an Attendance Review Committee to determine whether there are extenuating circumstances for the absences and how the student may regain credit [See policy FEC]. All absences, whether excused or unexcused, must be considered in determining whether a student has attended the required percentage of days.

Progress Reports and Report Cards

Current grades and report cards are available in Skyward Family Access. Report cards are posted at the end of the nine weeks grading period. Parents/guardians may request a paper copy of progress reports and report cards.

Skyward Family Access

Skyward Family Access is a web-based information and communication center designed to provide parents/guardians with real-time information regarding student progress including:

- daily attendance
- individual assignment descriptions and grades
- progress reports, report cards, and notification of low grades
- missing assignments

Semesters and Nine Weeks

Prosper ISD divides the grading periods into two semesters, fall and spring. To receive credit for a course, students must be enrolled in PISD and:

- Earn a grade of 70 for a semester course, or
- Earn a grade of 70 for each semester for a year long course, or
- Earn a grade of 70 or above when both semester grades are averaged together.

When a student earns a passing grade in only one semester of a two-semester course and the combined grade for the two semesters is lower than 70, the District shall award the student credit for the semester with the passing grade. Average passing is only allowed during the academic school year in which the course was originally taken for initial credit. The student shall be required to retake only the semester in which he or she earned the failing grade.

Transfer Grades

Courses transferred from accredited public or private schools will be included on a student's transcript and calculated into GPA and class rank. Students entering Prosper ISD from non-accredited schools, including homeschools, must validate their coursework through Credit-by-Exam (CBE).

Per Board Policy (EIC), for students coming in with letter grades on their transcript the following grading translation will be used:

A+	98
A	95
A-	93
B+	88
B	85
B-	83

C+	78
C	75
C-	73
D (if previous district awarded credit)	70
D (if previous district did not award credit)	69
F	65

Grade Classification

Grade classification is determined at the start of each school year. Classification is for the entire school year.

- **Freshman:** A student entering high school for the first time or having fewer than 6 credits.
- **Sophomore:** A student in the second year of high school who has earned a minimum of 6 credits will be classified as a sophomore.
- **Junior:** A student in the third year of high school who has earned a minimum of 12 credits will be classified as a junior.
- **Senior:** A student in the fourth year of high school who has earned a minimum of 18 credits and who is enrolled in the correct courses that will allow for graduation.

Students with an early graduation application submitted to a counselor before the 1st day of their 3rd year of high school will be reclassified to 12th grade at the start of the school year. Students will be included in class rank after the 1st semester in January, after the 3rd 9 weeks for local graduation honors, and in final GPA/Rank in June.

Students who do not submit an application prior to the start of their third year of high school will have their GPA and class rank calculated with their original cohort class until final transcripts are run after graduation for students who have graduated.The student's GPA and rank posted on their final transcript will be calculated using the same grade point average policy and computation method that apply to students in the graduating class with which the student graduates.

Grade Point Average and Class Rank Calculations

Grade Point Average (GPA)

Grade Point Average (GPA) is a commonly used method for measuring a student's overall academic performance in school. Grades earned by students are given point values and the computed average of those courses is a student's GPA. Prosper ISD encourages students to take courses that align with the academic and personal goal.

A student's transcript will include both a weighted (6.0 scale) and unweighted (4.0 scale) cumulative GPA. These GPAs will include all courses taken unless exclusions are outlined in Prosper ISD Board Policy, EIC Local The calculation of a student's GPA is calculated twice per year, at the end of each semester. Before GPA is calculated, new to Prosper ISD students must complete a semester of district coursework.

Class rank is used to determine the Top 10% for automatic admissions to public universities in Texas. In accordance with Board Policy, EIC Local, the Classes of 2028-2030 will use a student's weighted GPA to determine class rank. Beginning with the Class of 2031, a Rank GPA will be calculated and used to determine class rank.

GPA and Class Rank Calculation (Class of 2028-2030)

Unweighted (4.0) and Weighted (6.0) GPA

The District shall include in the calculation of unweighted and weighted GPA for class rank semester grades earned in high school credit courses taken at any grade level, unless excluded below. The calculation shall include failing grades.

These GPA calculations shall not include semester grades from a course that is retaken after a passing grade has been earned, and the new grade shall not be recorded on the transcript. The calculation of GPA shall exclude:

- grades earned in any course taken outside the regular school day or regular school year;
- any private or commercially sponsored physical activity program conducted off campus;
- any approved traditional correspondence course;
- any local credit course;
- any course for which a pass/fail grade is assigned; and
- grades earned through any credit recovery method.
    - NOTE: Prosper ISD Expanded Learning courses that are taken for initial credit during the school day and a part of a student's schedule are calculated into the student's GPA.

Rank GPA

Prosper ISD uses a student's weighted GPA (6.0 scale) for the purposes of determining class rank. Sophomores, juniors, and seniors (Class of 2028-2030) will have their GPA and class rank recalculated only after each semester. All students will have their numerical class rank published on their transcripts.

For the purpose of determining local graduation honors only, seniors are also ranked after the third nine weeks. The graduate's official grade point average and class rank is determined at the end of the fourth nine weeks.

Class Rank GPA Calculation (Class of 2031 and beyond)

Unweighted (4.0) and Weighted (6.0) GPA

The District shall include in the calculation of unweighted and weighted GPA for class rank semester grades earned in high school credit courses taken at any grade level, unless excluded below. The calculation shall include failing grades. The calculation of GPA shall include:

- Grades earned through credit by examination, with or without prior instruction;
- Approved correspondence courses; and
- Prosper ISD virtual courses (including Dual Credit).
    - Note: Grades earned through credit by examination and correspondence courses will be calculated using the on-level course weight scale.

The calculation of GPA shall not include semester grades from a course that is retaken after a passing grade has been earned, and the new grade shall not be recorded on the transcript. The calculation of GPA shall exclude:

- Grades earned in any private or commercially sponsored physical activity program conducted off campus;
- Any local credit course;
- Any course for which a pass/fail grade is assigned; and
- Grades earned by any credit recovery method.

Rank GPA

The District shall include in the calculation of class rank the highest weighted semester grades earned in high school credit courses taken in the following subject areas only: English, four courses (eight semesters); mathematics, four courses (eight semesters); science, four courses (eight semesters); social studies, five courses (eight semesters); and languages other than English, two courses (four semesters). Here is a list of courses that are approved for use in calculating class rank.

> *Note: Computer programming courses, including Computer Science I, II, and III, AP Computer Science Principles, and AP Computer Science A, will not be included in the GPA calculation for Class Rank as any of the four semester courses calculated for World Languages.*

Rank GPA will be calculated at the end of Grade 10 and will be recalculated after each semester thereafter.

- In accordance with Texas automatic admission requirements, students who rank in the top 10% of their graduating class will have their numerical class rank reported on their transcript.

- Students who do not rank in the top 10% will not have their numerical class rank published on their transcripts however ranking GPA will be reported on their transcript as well as their quartile.

For the purpose of determining local graduation honors only, seniors are also ranked after the third nine weeks. The graduate's official grade point average and class rank is determined at the end of the fourth nine weeks.

After the 3rd nine weeks and following graduation, senior class rank will be calculated by adding the highest grade points earned in courses on the approved list and dividing the total by 36. If a student is missing a required semester grade for GPA class rank purposes, a zero will be entered for that semester in the calculation.

Graduation Honors

Latin Honors

A student with an unweighted earned cumulative GPA (4.0 scale) shall be recognized as an honor graduate according to the following Latin Honors system:

- Summa Cum Laude: 3.900 to 4.000
- Magna Cum Laude: 3.700 to 3.899
- Cum Laude: 3.500 to 3.699

Valedictorian and Salutatorian

Graduating Class of 2028, the valedictorian and salutatorian shall be the eligible students with the highest and second-highest rank, respectively. To be eligible for this local graduation honor, a student must:

1. Have been continuously enrolled in the District for the entire two (2) school years immediately preceding graduation;
2. Be graduating after exactly eight (8) semesters of enrollment in high school; and
3. Have completed the foundation program with at least one endorsement.

Beginning with the graduating class of 2029, the valedictorian and salutatorian shall be the eligible students with the highest and second-highest rank, respectively. To be eligible for this local graduation honor, a student must:

1. Have been continuously enrolled in the District for the entire four (4) school years immediately preceding graduation;
2. Be graduating after exactly eight (8) semesters of enrollment in high school courses; and
3. Have completed the foundation program with at least one endorsement.

In case of a tie in weighted Rank GPAs after calculation to the third decimal place, the District shall recognize all students involved in the tie as sharing the honor and title.

Grade Point Average (GPA) Chart

The District shall categorize and weight eligible courses as Advanced Placement (AP)/Dual Credit or Enrollment, Honors, and On-Level courses in accordance with provisions of this policy and as designated in appropriate District publications. The District shall convert semester grades earned in eligible courses to grade points in accordance with the following chart and shall calculate a weighted grade point average (GPA):

Grade	On-Level	Honors Courses	AP/Dual Credit or Enrollment Courses
100	5	5.5	6
99	4.9	5.4	5.9
98	4.8	5.3	5.8
97	4.7	5.2	5.7
96	4.6	5.1	5.6
95	4.5	5	5.5
94	4.4	4.9	5.4
93	4.3	4.8	5.3
92	4.2	4.7	5.2
91	4.1	4.6	5.1
90	4	4.5	5
89	3.9	4.4	4.9
88	3.8	4.3	4.8
87	3.7	4.2	4.7
86	3.6	4.1	4.6
85	3.5	4	4.5
84	3.4	3.9	4.4
83	3.3	3.8	4.3
82	3.2	3.7	4.2
81	3.1	3.6	4.1
80	3	3.5	4
79	2.9	3.4	3.9
78	2.8	3.3	3.8
77	2.7	3.2	3.7
76	2.6	3.1	3.6
75	2.5	3	3.5
74	2.4	2.9	3.4
73	2.3	2.8	3.3
72	2.2	2.7	3.2
71	2.1	2.6	3.1
70	2	2.5	3
69 and below	No Grade Points Awarded	No Grade Points Awarded	No Grade Points Awarded

UIL Eligibility for Extracurricular Participation

UIL participants should be aware of the following:

- Eligibility requirements for the first six weeks of each academic year's credits are determined by state graduation requirements. Students in grades 9-12 may participate in extracurricular activities at the beginning of the school year if the grade specific eligibility criteria below are met:
    - Beginning the 9th grade: has been academically promoted to the 9th grade.
    - Beginning the 10th grade: has earned 5 credits toward state graduation.
    - Beginning the 11th grade: has earned 10 credits or a total of 5 credits in the last 12 months.
    - Beginning the 12th grade: has earned 15 credits or a total of 5 credits in the last 12 months.
- UIL eligibility is based on semesters of participation and not years in high school.
- A student shall be suspended from participation in any extracurricular activity sponsored or sanctioned by the district or the UIL after a grade evaluation period in which the student received a grade lower than a 70 in any academic class other than those designated courses exempt from “no pass no play”:
    - Students are evaluated every three weeks for eligibility status. Loss of eligibility occurs at the end of the first six weeks’ progress report and, thereafter, only at the end of the nine-week grading period. Students can regain eligibility at the end of the six-week period and must be passing ALL courses.
    - All students are academically eligible during Thanksgiving break, winter break and spring break.
    - The grace period for eligibility is seven calendar days after evaluation, with the exception of holidays.
    - Students lose eligibility from participation in extracurricular activities if, after a grade-evaluation period, the student receives a grade below 70 in any academic class other than an identified honors or advanced class.

UIL Waived PISD Advanced Courses

Policy FM (Local) outlines the advanced courses in PISD that are exempt from the "no pass, no play" rule, as long as the student maintains a minimum of a 50 average in the course. The advanced courses in PISD and recognized by the Texas Education Agency defined as exempt from "no pass, no play" guidelines, minimum grade of 50 are:

English Language Arts
Honors English I, Honors English II, GT American Studies, GT Humanities I & II, AP English Language, AP English Literature, Dual Credit ENGL 1301 and 1302, Dual Credit ENGL 2332 and 2333

Mathematics
Honors or GT Algebra I, Honors or GT Geometry, Honors Algebra II, Precalculus, AP Precalculus, AP Calculus AB, AP Calculus BC, AP Statistics, Dual Credit MATH 1314 (College Algebra), Dual Credit MATH 1342 (Elementary Statistical Methods), Dual Credit MATH 1324 (Mathematics for Business and Social Sciences), Dual Credit MATH 1325 (Calculus for Business and Social Sciences), Dual Credit Math 2412 (Precalculus), Dual Credit MATH 2415 (Calculus III), Dual Credit MATH 2320 (Differential Equations)

Science
Honors Anatomy & Physiology, Dual Enrollment Anatomy & Physiology I, Dual Enrollment Anatomy & Physiology II, Honors Biology, Honors Chemistry, AP Biology, AP Chemistry, AP Physics 1, AP Physics C, AP Physics 2, AP Environmental Science, Dual Credit Biology 1406 (Biology for Science Majors I), Dual Credit Biology 1407 (Biology for Science Majors II), Dual Enrollment Advanced Animal Science, Dual Enrollment Plant and Soil Science

Social Studies
GT American Studies, GT Humanities I & II, AP World History, Dual Credit World Civilization, AP US History, AP European History, AP Macroeconomics, AP U.S. Government and Politics, AP Psychology, AP Human Geography, Dual Credit ECON 2301 (Principles of Macroeconomics), Dual Credit GOVT 2305 (US GOVT), Dual Credit HIST 1301 and 1302 (US History), Dual Credit GOVT 2306 (Texas Government)

Fine Arts
AP Art: 2-D Design Portfolio, AP Art: 3-D Design Portfolio, AP Art: Drawing Portfolio, AP Music Theory and AP Art History

World Languages: Languages Other than English (LOTE)
Honors American Sign Language, Honors Chinese, Honors French, Honors Spanish, AP Spanish Language, AP Spanish Literature, AP French Language, AP Chinese Language

CTE
AP Computer Science A, AP Computer Science Principles

Other
AP Seminar, AP Research

Academic Planning

College, Career, and Military Readiness (CCMR)

Prosper ISD is dedicated to preparing students for success after high school through our College, Career, and Military Readiness (CCMR) initiatives. We are committed to providing opportunities so our graduates are well-prepared for their college and career post-secondary journey.

What is CCMR?

The Texas Education Agency (TEA) defines CCMR as the demonstration of a student's preparedness for college, a career, or military service. While not a graduation requirement, meeting these criteria serves as a valuable benchmark for students and families.

Prosper ISD's Commitment to CCMR

We support student readiness through a comprehensive approach that includes:

- Offering a challenging curriculum with courses like Honors, Advanced Placement (AP), and Dual Credit/Enrollment
- Targeted support in Reading, Writing, and Math, including interventions and data-driven instruction, to help students build the skills needed for college and career success.
- Providing access to tools such as Xello and guidance from school counselors to assist with planning.
- Events like, Advanced Academic Nights, Launch your Journey Nights, and College, Career, and Military Fair to help students explore their options.
- A robust Career and Technical Education (CTE) program with various pathways and certification opportunities.
- College testing paid for by the District (Fall PSAT/NMSQT for grades 10 and 11 {doesn't qualify for CCMR}; Spring SAT for 11th grade; TSIA2)

While it's not a graduation requirement, our goal is for every Prosper ISD graduate to meet at least one CCMR indicator. School counselors collaborate with students and families to create personalized plans and select courses that align with their future goals. Prosper ISD graduates can demonstrate college, career or military readiness in the following ways:

Accountability Criteria	**Requirements**
A graduate must meet the TSI requirement for both reading and mathematics but does not have to meet them on the same assessment. For example, a graduate may meet the TSI criteria for college readiness in ELA/reading on the SAT and math on ACT and meet the college readiness standard.	
Meet TSI Criteria via SAT	Reading & Writing 480; Math 530
Meet TSI Criteria via ACT	English & Reading combined 40; Math 22
Meet TSI Criteria via TSIA2	ELAR 945; Math 950; 5 or higher on Essay

Accountability Criteria	**Requirements**
Meet TSI Criteria via College Prep Course	Meet TSI requirement for math through SAT/ACT/TSIA2 AND complete College Prep English Course
Other criteria graduates may meet for College and Career Readiness	
Advanced Placement (AP) Exam	Score 3, 4, or 5 on any exam
International Baccalaureate (IB) Exam	Score a 4, 5, 6, or 7 on any exam • IB courses are not available in PISD
Earn Dual Course Credits	• Class of 2027-2029 - Earn credit for at least three hours in ELA *or* mathematics *or* at least nine hours in *a combination of any* subjects. • Class of 2030+ - Earn credit for three credit hours in *any* subject
Earn an Industry-Based Certification (IBC)	To earn an Industry-Based Certification (IBC), you must: • Obtain an IBC from the TEA Approved IBC Listing. *AND* • Be a completer in the aligned Program of Study, which means completing three or more courses for at least four credits within the same Program of Study. One of these courses must be a level three or higher. Review this chart for a list of available Industry-Based Certifications in PISD
Earn a Level I or Level II Certificate	A graduate earning a level I or level II certificate in any workforce education area through an Institute of Higher Education (i.e. Collin College) Review this list of available Level 1/2 Certifications
Enlist in the Armed Forces	A graduate enlisting in the US Army, Navy, Air Force, Coast Guard, Marines, or Texas National Guard.
JROTC	Completion of 3 years of a JROTC program and achieving a passing score (31+) on the AFQT portion of the ASVAB test.
*Please note that **Special Education students** may also meet **College and Career Readiness (CCMR)** through one of the following specialized criteria. The ARD Committee will review.*	
Graduate with Completed Individualized Education Program (IEP) and Workforce Readiness (Students served in Special Education Student)	A graduate receiving a graduation type code of 54 or 55, which indicates the student has completed his/her IEP and has either demonstrated self-employment with self-help skills to maintain employment or has demonstrated mastery of specific employability and self-help skills that do not require public school services.
Graduate Under an Advanced Diploma and be Identified as a Current Special Education Student.	A graduate receiving a graduation type code of 34 or 35 who is identified as receiving special education services during the year of graduation and whose graduation plan type is identified as *Foundation High School Plan with Endorsement (FHSP-E)* or *Foundation High School Plan with Distinguished Level of Achievement (FHSP-DLA).*

Advanced Academics

Advanced Placement and Dual Credit courses provide students pathways to meet college readiness criteria. The Advanced Academics section provides further information.

College Prep Courses

College Prep courses offer intensive instruction in English and/or math for high school seniors who need additional support to meet college readiness standards. They are designed for students who have not achieved college-ready scores on the ACT, SAT, or TSIA2. Students in College Prep courses are expected to complete the TSIA2 exam for their respective subject area (either math or English). The College Prep ELAR course gives students a two-year waiver in English at Collin College.

Career and Technical Programs of Study

Prosper ISD offers a wide array of Career and Technical Education (CTE) programs to help students explore their passions and prepare for in-demand careers. CTE programs of study provide students access to coherent course sequences, industry-based certifications, work-based learning programs, and college credits to ensure students are prepared for high-wage, in-demand, and high skill careers. The CTE Programs of Study in Prosper ISD are:

- Accounting and Financial Services
- Agriculture and Technology Mechanical Systems
- Animal Science
- Animation
- Architectural Design
- Audio/Video Production
- Automotive
- Biomedical Science
- Business Management
- Construction and Project Management
- Cosmetology and Personal Care
- Culinary Arts and Hospitality
- Cybersecurity
- Diagnostic and Therapeutic Services
- Electrical Engineering
- Engineering Foundations
- Exercise Science, Wellness, and Restoration
- Fashion Design
- Health Science
- Interior Design
- JROTC
- Marketing and Sales
- Mechanical and Aerospace Engineering
- Plant Science
- Programming and Software Development
- Public Service
- Teaching and Training
- Transportation, Distribution, and Logistics
- Video Game Design
- Yearbook

US Army JROTC

Prosper ISD's U.S. Army Junior Reserve Officers' Training Corps (JROTC) program offers high school students a unique opportunity to develop leadership skills, character, and citizenship. Students learn how to follow and give orders, build self-discipline, pride, and teamwork, and prepare for future responsibilities. Rock Hill High School currently hosts the JROTC program for all Prosper ISD students.

Advanced Academics

Prosper ISD provides all students, regardless of race, ethnicity, language, disability status, or socio-economic background, with opportunities across all campuses to establish a foundation for success in college, career, and military service, empowering them to thrive in a global economy. Advanced Academics plays a crucial role in this endeavor by offering a diverse array of advanced academic opportunities for students. These programs are designed to enrich learning, cater to varied interests, and support the achievement of personal goals, ensuring comprehensive readiness for their future endeavors.

The district has an open enrollment policy for these courses, but advises students to consider course requirements and time commitments. Prosper ISD promotes balance, encouraging students to combine advanced coursework with extracurricular activities and personal time.

AVID

The AVID (Advancement Via Individual Determination) program is a dynamic academic support system nationally proven to help students achieve their personal and educational goals. Designed to ensure students reach their full potential, AVID provides the resources and guidance necessary to pursue a college-preparatory path for admission to universities and colleges. This program is typically intended for students in the academic middle (often with a GPA between 2.0 and 3.5) who have the potential and determination to attend a four-year university but need extra support to succeed. Students who particularly benefit include first-generation college students and those who need assistance to improve their grades or access enrichment opportunities. AVID is offered at Richland High School.

Honors Courses

Prosper ISD empowers students to explore their passions and reach new heights through rich, engaging coursework. Honors courses spark deeper curiosity and confidence, helping students master high-level skills that unlock their full potential.

Advanced Placement® (AP) Courses

The Advanced Placement (AP) Program offers high school students the opportunity to take rigorous college-level courses across a wide variety of subjects, including the arts, English, history, math, computer science, physical and life sciences, and world languages. AP courses provide an evidence-based academic experience designed to prepare students for success in college and beyond. The program operates on core principles that ensure teachers' expertise is respected, course content is clearly understood, and students are academically challenged while remaining free to make up their own minds. Students are highly encouraged to take AP exams in May to demonstrate mastery of the course material and have the opportunity to gain college credit depending on their test scores. To learn more about how AP credits are accepted by colleges, check with individual institutions or use the AP Credit Policy Search. While students are responsible for exam fees, scholarship opportunities are available. For more information, contact your school counselor or testing coordinator.

College Credit Earning Opportunities

Prosper ISD is committed to providing students with various pathways to earn college credit while still in high school, offering a significant academic and financial advantage. Through our established dual credit and dual enrollment partnerships with institutions such as Collin College and Tarleton State University, students can simultaneously earn credit on both their high school and college transcripts.

These programs allow qualified students to engage in rigorous college-level coursework, potentially accelerating their progress toward a post-secondary degree. Families are strongly encouraged to utilize the Texas Common Course Numbering System (TCCNS), which helps students view transferable courses offered by each institution and understand how universities evaluate community college courses, ensuring credits align with future academic plans. Students are also encouraged to review freshman admissions requirements at the post-secondary institutions at which they have interest in applying. Students who anticipate missing a significant amount of class time are encouraged to reconsider enrolling in dual credit/enrollment courses, as we cannot provide online access to assignments during absences or extended trips.

To explore the specific programs, eligibility requirements, financial details, and transition information for all our dual credit/enrollment opportunities, please click on the Comprehensive Dual Credit/Enrollment Partnership Supplement link.

Dual Credit/Enrollment Grading

Grades earned in Dual Credit courses appear on the student's high school and college transcript, and will be calculated into the student's high school GPA. Students dual credit courses are not averaged passed for high school credit.

Class of 2027-2030 - Dual credit courses taken during summer school or online will not be calculated into the student's high school GPA but will appear on the high school and college transcript.

Class of 2031 and Beyond - All dual credit courses (in-person and online) will be calculated into the student's high school GPA.

College Student Expectations

The transition from high school to dual credit and college courses is a shift, primarily because the responsibility for academic success moves entirely to the student. This change can be challenging for both students and parents. Successfully navigating dual credit requires understanding that the expectations and policies in a college setting, whether through Collin College or other universities differ significantly from those in high school. The transition shifts responsibility to the student and requires adherence to a new set of rules regarding curriculum, grading, and accommodations.

College Credit Earning Opportunities: Program Comparisons

Category	Collin College (Dual Credit/ Concurrent)	Tarleton Today (Dual Enrollment)
Credit Model & Focus	Dual Credit (HS & College credit simultaneously) and Concurrent Credit (College credit only). Focuses on Core Academic and Health Science Technical (AAS) courses.	Dual Enrollment (HS & College credit simultaneously). Focuses on a variety of college courses delivered via Distance Education. Students earn the high school credit, and can choose if they want to accept the college credit.
Cost to Student (Tuition)	Students pay tuition and fees, but fees may be covered if the student qualifies for Federal Free and Reduced Lunch. Students pay for books.	Subsidized Rate of $50 per student per semester credit hour ($150 for 3-credit course; $200 for 4-credit course). Fees may be covered if the student qualifies for Federal Free and Reduced Lunch. *Prices may change in subsequent years.*
Placement/ Eligibility Test	Student interest and completion of enrollment steps. At 15 hours; students become degree-seeking and may need to take the TSIA2 test for continued enrollment.	Students must meet the minimum academic requirements for each course and have PISD approval (pre-requisites must be met)
Disability Services	Students are fully expected to initiate the accommodation process and remain active participants by maintaining direct interaction with the ACCESS office. While parents or guardians can inquire about general policies, they cannot request accommodations or services on the student's behalf.	Students self-select accommodations during the application process. High school teachers verify that the selected accommodations align with district documentation.
Course Instructor	Collin College Faculty, which includes PISD teachers hired and supervised as Collin College adjunct faculty.	Prosper ISD Teachers who meet Tarleton's qualifications (Bachelor's in the field + experience).
College Oversight	Collin College Academic Departments select, supervise, and evaluate all faculty to ensure rigor is equivalent to main campus courses.	Tarleton faculty develop the curriculum. PISD teachers receive mandatory Summer Professional Development and virtual coaching from Tarleton staff.
Minimum Passing Grade	D or above on the college transcript (grades of A, B, C, D, F, I). Health Science Pathways have different standards.	D or above on the college transcript (if the student accepts the credit).
Student Benefits & Support	Access to all Collin College academic support services (libraries, tutoring, ACCESS for accommodations, etc.).	Students are enrolled as Tarleton State University Texans and receive benefits like tutoring and fine arts event access.
Credit Transfer Details	Courses are part of the Texas Common Course Numbering System (TCCNS) for maximum transferability across Texas public colleges.	Courses use the TCCNS to maximize transferability within Texas institutions and are applicable toward one or more bachelor's degrees at Tarleton.
Privacy Policy (FERPA)	Students are considered college students; FERPA applies. Collin will not disclose information to parents without student consent or proof of dependency.	Students are afforded FERPA rights. Tarleton designates PISD as a school official with a legitimate educational interest in the student records.

Planning for College

College Readiness Assessments

Prosper ISD encourages students to take the SAT® and/or ACT® tests during the spring of their junior year. Students needing accommodations for either exam must apply through the respective websites at least six months prior to testing. For more information, please contact your campus testing coordinator.

ACT/SAT School Registration Codes			
Prosper HS **445-715**	Richland HS **767-564**	Rock Hill HS **440-567**	Walnut Grove HS **108-732**

ACT

The ACT® is a curriculum-based achievement test measuring what students have learned in high school English, mathematics, reading, and science, and is not an IQ or aptitude test. The ACT® also provides college and career readiness indicators, helping students assess their preparedness for life after high school.

SAT

The SAT®, a College Board assessment, measures critical thinking skills essential for college success, such as problem analysis and solving. Typically taken in the junior and senior years, the SAT®, combined with high school GPA and course rigor, serves as a strong indicator of college success. Prosper ISD offers the School Day SAT in the spring of junior year at no cost to students.

Texas Success Initiative (TSIA2)

The TSIA2 is a state-mandated placement test for students entering Texas public colleges or universities. Students may be exempt if they meet the institution's entrance standards. To determine if you need to take the TSIA2, contact the testing or advising office of the college or university. The following criteria can exempt students from the TSIA2:

ACT	Math: 22	English & Reading combined: 40
SAT	Math: 530	Evidenced-Based Reading & Writing (EBRW): 480

PSAT/NMSQT

The Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) is co-sponsored by the College Board and National Merit Scholarship Corporation (NMSC). It serves two main purposes: it provides practice for the SAT and gives high school juniors a chance to qualify for NMSC scholarship programs. The test measures critical reading, math problem-solving, and writing skills.

Prosper ISD administers a PSAT to all sophomores and juniors in the fall at no cost. Students receive feedback identifying their strengths and weaknesses in college readiness skills, allowing them to focus their preparation. The PSAT does not meet College and Career Readiness standards and cannot be used as a substitute for the TSI for college admission.

Test Preparation

In order to prepare for success on college readiness tests, we encourage students to access free tools and take full advantage of test preparation opportunities for ACT, SAT, and TSIA2. Below are resources students can access:

- Edgenuity: Free ACT, ASVAB, PSAT, SAT and TSIA2 Prep
- Khan Academy: Type SAT/ACT/TSIA in search; helpful modules populate
- TSIA2: Free TSIA2 test prep
- SAT: Free SAT test prep
- ACT: Free ACT test prep

Financial Aid

Students in their final year of high school should apply for financial aid early in their final year and each subsequent year, as long as they are enrolled in post-secondary education or training. Federally funded grants and loans are available to students through a variety of sources. ***Students enrolled in 12th grade must*** do one of the following in order to graduate:

- Complete and submit a Free Application for Federal Student Aid (FAFSA),
- Complete and submit a Texas Application for State Financial Aid (TASFA), or
- Submit a signed opt-out form in Skyward Family Access

FAFSA

The Free Application for Federal Student Aid (FAFSA) is the application for students seeking financial assistance for college, career, or graduate school. The completion of the FAFSA application determines a student's eligibility for federal aid (grants, work-study, and federal loans), state aid, and institutional aid.

FAFSA submission will be available October 1 of the student's senior year.

TASFA

The Texas Application for State Financial Aid (TASFA) is a free application for students who are Texas Residents but are not eligible to apply for federal financial aid using the Free Application for Federal Student Aid (FAFSA). The TASFA is specifically for Texas residents who cannot apply for the FAFSA, often including:

- Undocumented students
- Students with DACA status
- Other non-U.S. citizens who are classified as Texas residents

TEXAS Grant

The state legislature established the TEXAS (Towards Excellence, Access and Success) Grant to make sure that well-prepared high school graduates with financial need could go to college. For more information, please visit Texas Higher Education Coordinating Board.

For more resources on both federal and state grants and scholarships visit Minnie Stevens Piper Compendium.

Xello

Prosper ISD secondary students and their families can access Xello through the Student/Parent Portals. Xello is an interactive platform designed to help with college, career, and military exploration. It empowers middle and high school students to explore and prepare for postsecondary success. Xello features include:

- Scholarship search and matching
- Learning Styles Inventory and Course Planning Tools
- Four-Year Planning Access (available during 7th and 8th grade)
- Career Interest Surveys: Helps students identify personal preferences and explore matching careers.
- College and Major Search Tools: Allows students to explore colleges based on location, cost, programs, and admissions criteria.
- Resume Creation
- Volunteer Hours Tracking
- Local, State and National Scholarship Information

Top 10% Rule and Automatic Admission to Texas Public Universities

Students graduating in the top 10% of their class from a Texas high school are eligible for automatic admission to most public Texas universities, provided they enroll within two years of graduation.

UT Austin Exception: The University of Texas at Austin will automatically admit all eligible freshman applicants who rank within the top 5% of their high school graduating classes.

Application Requirements:

- Students must still submit an application before the university's deadline.
- SAT/ACT scores may be required for submission, but they are not used for the automatic admission decision.
- Earned the distinguished level of achievement under the Foundation High School Program or satisfied ACT's College Readiness Benchmarks on the ACT assessment or earned on the SAT assessment a score of at least 1,500 out of 2,400 or the equivalent.

Important Note: Automatic admission does not guarantee entry into specific programs or departments. Universities may review high school records and require students who need extra preparation to take developmental or orientation courses prior to their first semester.

Prospective College Athletes

High school students planning to participate in Division I, II, or III college athletics must register with the National Collegiate Athletic Association (NCAA) after completing their junior year. The Eligibility Center certifies the academic and amateur credentials of college-bound athletes. It is the student-athlete's responsibility to maintain and protect their eligibility status. For more information, visit NCAA Eligibility Center.

High school students planning to participate in NAIA college athletics must register with the National Association of Intercollegiate Athletics (NAIA) after completing their junior year. PlayNAIA certifies the academic and amateur credentials of college-bound athletes. It is the student-athlete's responsibility to maintain and protect their eligibility status. For more information, visit PlayNAIA.

Collin College Counselor

The Collin College Counselor helps bridge the transition from high school to post-secondary education. Located on each high school campus, the counselor assists students with navigating college and career options, guiding them through the college search and application process, financial aid and scholarships, and educational planning. They also serve as a liaison to Collin College for dual credit services, including admissions, testing, advising, ACCESS, and course registration.

Planning and Advising Resources

- My Texas Future: My Texas Future is a free, personalized digital platform developed by the Texas Higher Education Coordinating Board (THECB). It is designed to be a comprehensive roadmap that guides Texans—from middle school students to adult learners—through the entire process of career planning, higher education exploration, application, and financing. The platform's core mission is to help Texans pursue a degree, certificate, or other credential that leads to an in-demand, successful career with minimal debt. *My Future Texas Account Creation Instructions

- MapMyGrad, an interactive website where students can learn about endorsements, careers, graduation plan options, and creating a personal graduation plan.

- ApplyTexas: ApplyTexas allows a student to apply to nearly all public universities and two-year colleges, plus many private institutions, in Texas using a single online system. This streamlines the process significantly, as the student only needs to enter their basic personal and educational background information once. It is the official application platform created by the Texas Higher Education Coordinating Board (THECB).

- Common App: The Common Application (Common App) is the most widely used online application platform used for undergraduate college admissions worldwide. Accepted by over 1,000 diverse institutions, including nearly every selective private school in the U.S., its primary purpose is to streamline the entire application process. Students complete their personal details, academic history, and a main personal

essay *once*, and then send this core information to every college on their list. This consolidation saves time and effort, while still allowing each member institution to collect its own unique requirements (like supplemental essays or specific questions). The Common App functions as a central hub, making it significantly easier for students to apply widely and manage all their materials, from transcripts to teacher recommendations, in one place.

- Labor Market and Career Information: The Texas Workforce Commission's Labor Market and Career Information (LMCI) Department produces many valuable resources to provide regional and statewide labor market information to students and their families. LMCI also has several educational tools, such as the Texas Reality Check and Texas Career Check, that can support students in career decision-making.

- Ask ADVi: The Texas Virtual College Advisor offers assistance to Texas students who need answers to questions about attending college, returning to college, financial aid, and more.

- Tri-Agency Workforce Initiative: Launched by Governor Greg Abbott in 2016, this initiative seeks to achieve the ambitious goal of ensuring that all Texans achieve their full potential and contribute to the state's continued economic growth.

- Big Future: BigFuture is an online resource from the College Board that provides free tools and guidance to help high school students plan their future by exploring careers, researching colleges, and finding ways to pay for their education. Students can take quizzes to discover careers, build college lists based on their preferences, and search for scholarships, with chances to win scholarships by taking action on their plan.

- Compendium of Texas Colleges and Financial Aid Calendar: The Compendium of Texas Colleges and Financial Aid Calendar is a vital, consolidated resource published by the Minnie Stevens Piper Foundation and hosted by the Texas Comptroller's office. It's designed to be a "one stop shop" for students and parents navigating the process of applying to and funding higher education in Texas. The compendium was designed to answer three main questions about college admissions**.** *How do I get in? How much does it cost? And how do I pay for it?* The compendium points out the requirements for admissions to a particular Texas college, how much it will cost, and how students can pay for college.

- U.S. Department of Education College Scorecard: An official website of the U.S. Department of Education designed to help students and their families search, compare, and make informed decisions about colleges and universities. This website provides tools to search and compare colleges, review college profile information (cost, debt, outcomes, admissions, etc.), majors available, and financial aid resources.

Planning for Graduation

Begin with the End in Mind

To assist students and parents/guardians in making important decisions about the high school sequence of courses, PISD has provided a Personal Graduation Plan in this Course Catalog. Students should complete a four-year plan and select their endorsement prior to entering 9th grade. Students should begin with the end in mind in order to make the best possible decisions now. Once graduation arrives, the student's course of study should have adequately prepared the student for their post-secondary education and goals.

Students can explore many different academic pathways and course options in Prosper ISD, including: Advanced Placement (AP) courses, Athletics, Career and Technical Education (CTE) Programs, Dual Credit/Dual Enrollment, and Fine Arts.

During 9th Grade

- Join clubs and organizations. Your extracurricular involvement should highlight your passions, interests, and leadership skills.
- Build connections with your teachers, counselors, and sponsors of your clubs/organizations.
- Continue to review high school graduation requirements and endorsement plan.
- Attend College Fair events.
- Review your 4-year plan and make adjustments in course selections for 10th - 12th Grade.
- If interested in an Associate Degree in high school, students need to complete the PISD Academy Request Form to enroll.

During 10th Grade

- Get involved or stay involved in school activities and start your resume in Xello.
- Attend College Fair events.
- Take the PSAT in October.
- Practice for future PSAT/SAT/ACT.
- Take the optional ASVAB exam when your campus advertises the opportunity.
- Consider career plans - take career assessments in Xello.
- Review your 4-year plan and make adjustments in course selections for 11th - 12th Grade. If interested in dual credit, follow Collin College application requirements.

During 11th Grade (Fall)

- Take challenging classes and make good grades. Your end of year junior transcript is what you will use to apply to college in the fall of senior year.
- Continue to stay involved in school activities, community service, and outside work or education experiences. Update resume accordingly and add awards, etc.
- Attend College Fair events.
- Plan College visits. Juniors can get two excused absences for college visits.

- Take PSAT in October (juniors are testing for National Merit status)
- Practice for spring administration of ACT or SAT.
- Review your 4-year plan and make adjustments in course selections for 12th Grade.

During 11th Grade (Spring)

- Attend college events for juniors to learn more about requirements and processes.
- Review the Automatic Admission criteria for Texas public colleges.
- Begin to narrow the college choices you are interested in.
- Register with the Eligibility Center or NAIA, if you are a potential college athlete.
- Take the optional ASVAB exam when your campus advertises the opportunity.
- Take the ACT or SAT, if your college requires it for admission. SAT is administered to all PISD 11th grade students in the spring.
- Create a Parchment account using a personal email in order to send high school transcripts to colleges.

During 12th Grade (Fall)

- Begin college applications. Apply to 3-5 colleges before Thanksgiving.
- Create a Parchment account using a personal email in order to send high school transcripts to colleges if you have not already done so.
- Keep up with deadlines (admissions, financial aid, scholarships, etc.).
- Retake ACT/SAT if needed. Send scores to colleges you will be applying to.
- Review TSI requirements and exemptions if you will be attending college in Texas.
- Submit My Future Texas or opt-out to graduate. Seniors must opt-in or opt-out of direct admission with My Future Texas and submit proof to graduate.
- Submit the FAFSA. Seniors must submit a FAFSA, TASFA, or opt-out form to graduate.
- Begin applying for scholarships.

During 12th Grade (Spring)

- Be mindful of timelines and deadlines.
- Select your college by May 1- College Decision Day
- Send the request for your final high school transcript to be sent to your college.
- If you took Dual Credit and/or Dual Enrollment courses, send your college transcripts to your future college.
- Graduation.

Personal Graduation Plan Schedule Cards

Prosper ISD 4 Year Plan & Schedule Card (Classes of 2028 - 2029)

The Four-Year Plan is intended to give you a guide to use as you progress through high school. You will want to review your plan each year and you are encouraged to make adjustments as needed while keeping track of your graduation requirements and your endorsement selection. Your course selection should support your aptitude and interests and align with the career you want to pursue. This is a traditional plan students follow, there may be exceptions to some of the classes listed below.

Endorsements consist of a related series of courses grouped by interest or skill set, providing students with in-depth knowledge of a specific subject area. All 9th-grade students are automatically enrolled in the multidisciplinary endorsement, but they may select additional endorsements based on their interests. You must select ONE to graduate:

___ STEM ___Business & Industry ___Public Services ___Arts & Humanities _✔_ Multidisciplinary Studies

	1st Course	2nd Course	3rd Course	4th Course
English (4 credits)	English I Honors English I GT Humanities I	English II Honors English II	English III AP English Language Dual Credit English GT American Studies	English IV AP English Literature Dual Credit English
Math (4 credits)	Algebra I Honors Algebra I	Geometry Honors Geometry	Algebraic Reasoning Algebra II Honors Algebra II	Algebra II Precalculus or AP Precal Adv. Quant. Reasoning Advanced Math (see course options in course guide)
Science (4 credits)	Biology Honors Biology	IPC Chemistry Honors Chemistry	Chemistry Honors Chemistry Physics/AP Physics I Advanced Science	Advance Science (see options in course guide)
Social Studies (4 credits)*	World Geography AP Human Geography	World History AP World History GT Humanities II	US History AP US History Dual Credit US History GT American Studies	Government (0.5 cr) Dual Credit Gov (0.5 cr) AP Government (0.5 cr) --- Economics (0.5 cr) Dual Credit Econ (0.5 cr) AP Economics (0.5 cr)
Physical Education (1 credit)	PE Athletics Off-Campus PE Cheer Color Guard (1st semester) JROTC Drill Team Dance Marching Band (1st semester)			
Fine Arts (1 credit)	Art Band Choir Orchestra Dance Drill Team Theatre Arts Floral Design 3D Modeling & Animation Intro to Communication Arts & Media			
World Lang (LOTE)** (2 credits same language)	American Sign Language (ASL) Chinese French Spanish			
Other required course/Elective (6 credits)	Endorsement Elective (See next page) General Elective	Endorsement Elective (See next page) General Elective	Endorsement Elective (See next page)	Endorsement Elective (See next page)

Prosper ISD Graduation Requirements = 26 Credits

English	4 Credits	LOTE	2 Credits
Math	4 Credits	Fine Arts	1 Credits
Science	4 Credits	Physical Education	1 Credits
Social Studies	4 Credits	Additional Courses	6 Credits

**Two Computer Programming courses in lieu of two credits of a World Language may meet the LOTE graduation requirement.

Prosper ISD 4 Year Plan & 9th Grade Schedule Card (Class of 2030+)

The Four-Year Plan is intended to give you a guide to use as you progress through high school. You will want to review your plan each year and you are encouraged to make adjustments as needed while keeping track of your graduation requirements and your endorsement selection. Your course selection should support your aptitude and interests and align with the career you want to pursue. This is a traditional plan students follow, there may be exceptions to some of the classes listed below.

Endorsements consist of a related series of courses grouped by interest or skill set, providing students with in-depth knowledge of a specific subject area. All 9th-grade students are automatically enrolled in the multidisciplinary endorsement, but they may select additional endorsements based on their interests. You must select ONE to graduate:

___ STEM ___Business & Industry ___Public Services ___Arts & Humanities _✔_ Multidisciplinary Studies

	1st Course	2nd Course	3rd Course	4th Course
English (4 credits)	English I Honors English I GT Humanities I	English II Honors English II	English III AP English Language Dual Credit English GT American Studies	English IV AP English Literature Dual Credit English
Math (4 credits)	Algebra I Honors Algebra I	Geometry Honors Geometry	Algebraic Reasoning Algebra II Honors Algebra II	Algebra II Honors Algebra II Adv. Quant. Reasoning Advanced Math (see course options in course guide)
Science (4 credits)	Biology Honors Biology	IPC Chemistry Honors Chemistry	Chemistry Honors Chemistry Physics/AP Physics I Advanced Science	Advanced Science (see course options in course guide)
Social Studies (4 credits)*	World Geography AP Human Geography	World History AP World History GT Humanities II	US History AP US History Dual Credit US History GT American Studies	Government (0.5 cr) AP Government (0.5 cr) Dual Credit Govt (0.5 cr) --- Applied Personal Financial Literacy (0.5 cr) or AP equivalent
Physical Education (1 credit)	PE Athletics Off-Campus PE Cheer Color Guard (1st semester) JROTC Drill Team Dance Marching Band (1st semester)			
Fine Arts (1 credit)	Art Band Choir Orchestra Dance Drill Team Theatre Arts Floral Design 3D Modeling & Animation Intro to Communication Arts & Media			
World Languages (LOTE)** (2 credits same language)	American Sign Language (ASL) Chinese French Spanish			
Other required course/Elective (6 credits)	Endorsement Elective (See next page) General Elective	Endorsement Elective (See next page) General Elective	Endorsement Elective (See next page)	Endorsement Elective (See next page)

Prosper ISD Graduation Requirements = 26 Credits

English	4 Credits	LOTE	2 Credits
Math	4 Credits	Fine Arts	1 Credits
Science	4 Credits	Physical Education	1 Credits
Social Studies	4 Credits	Additional Courses	6 Credits

* Starting in 2033-34, Foundations of Economics (1 credit) an or AP equivalent may be taken in Grade 11 or Grade 12 in lieu of World History or World Geography to count toward 4 social studies credits required for graduation.

**Two Computer Programming courses in lieu of two credits of a World Language may meet the LOTE graduation requirement.

Prosper ISD Endorsement Card

All students are placed on the Multidisciplinary endorsement.
Students may choose additional endorsements by completing requirements in at least of the areas below.

Multidisciplinary Studies

- ☐ 4 credits in each of the following content areas: English, Math, Science, and Social Studies
- ☐ 4 AP/DC/DE Courses

Business & Industry

- ☐ 3 Debate courses

CTE:

- ☐ Accounting & Financial Services
- ☐ Agriculture Technology and Mechanical Systems
- ☐ Animal Science
- ☐ Animation
- ☐ Architectural Design
- ☐ Automotive
- ☐ Audio/Video Production
- ☐ Business Management
- ☐ Construction and Project Management
- ☐ Cosmetology
- ☐ Culinary
- ☐ Cybersecurity
- ☐ Electrical Engineering
- ☐ Engineering Foundations
- ☐ Fashion Design
- ☐ Interior Design
- ☐ Marketing & Sales
- ☐ Mechanical and Aerospace Engineering
- ☐ Plant Science
- ☐ Programming & Software Development
- ☐ Video Game Design
- ☐ Yearbook

Public Services

CTE:

- ☐ Biomedical Science
- ☐ Diagnostic & Therapeutic Services
- ☐ Exercise Science, Wellness & Restoration
- ☐ Family & Community Service
- ☐ JROTC
- ☐ Public Service
- ☐ Teaching and Training

Arts & Humanities

- ☐ 4 Courses in one Language other than English area
- ☐ 2 courses in two Language other than English areas
- ☐ 5 total Social Studies credits (includes 4 courses taken as core classes)

Fine Arts:
4 courses in any of the following programs or 2 courses in two of the following programs

- ☐ Art
- ☐ Band
- ☐ Choir
- ☐ Colorguard
- ☐ Dance
- ☐ Orchestra
- ☐ Theater

STEM
Requires Physics and Algebra 2

- ☐ 5 total math credits (includes 4 courses taken as core classes)
  Note: Requires completion of TWO additional courses that require Algebra 2 as a pre-requisite.
- ☐ 5 total science credits (includes 4 courses taken as core classes)

CTE:

- ☐ Biomedical Science
- ☐ Cybersecurity
- ☐ Electrical Engineering
- ☐ Engineering Foundations
- ☐ Mechanical and Aerospace Engineering
- ☐ Programming & Software

Course Selection Guidelines

Course Selection Information

Students will request courses online through Skyward. Students who do not submit their course selections will have courses scheduled for them by their counselor according to their academic needs, graduation plan, and course availability. Course offerings are subject to change due to enrollment and staffing.

Special Education Courses

Placement in any special education class is dependent upon eligibility and the recommendation of the Admission, Review and Dismissal (ARD) Committee. The ARD Committee will assist the student and parent in choosing classes that are most appropriate based on the student's Individualized Education Plan (IEP).

Course Fees

Some courses carry a **required participation fee**. Students enrolled in these courses will be responsible for paying the fee in order to take part in the class. Please review the course fee list carefully before making course requests.

Course Change Requests

Course request changes are due **April 2, 2027** for the 2027-2028 school year. Course changes may not be requested during the school year outside of the leveling up or leveling down guidelines. Counselors require director or coach approval, in writing, before making a schedule change in or out of a program that requires outside of the school day obligations.

Schedule Changes Before 2027-2028 School Year Begins:

- Student schedules will not be changed to accommodate different teachers, lunch periods, or electives. Once a class schedule is created, the student is expected to follow the schedule.
- Student schedules may be changed at the campus' discretion in order to move students to a new course due to original course selections being no longer available or due to class balancing.

Schedule Changes After the 2027-2028 School Year Begins:

- During the first week of school, schedule changes will be made for the following reasons:
    - Student is in a class for which he/she has already received credit.
    - Student schedules have the same course listed twice or are missing a class.
    - Student needs to be moved to balance classes.
    - Students have a request that honors the leveling up or leveling down guidelines listed in this document.

Leveling Up Guidelines

Students may request to level up to an Honors or AP course during the first two weeks of the fall semester with teacher recommendation. The student may be required to complete missed assignments to close learning gaps. Requests may be granted if space is available.

Leveling Down Guidelines

Students can request to level down from an Honors or AP course at the end of the sixth week of school or at the completion of the first semester. Students and parents/guardians must discuss a plan for success with their teacher prior to the due date and submit the form to the counselor. The following Leveling Down grading practices will apply:

- For courses leveled down at the end of the six weeks, the grade the student earned in the first six-weeks will be transferred to the newly scheduled academic level class with a 10-point addition to the current grade, not to exceed 100.
- If a student remains in the course beyond the six week period, he/she will not be able to withdraw until the semester ends.
    - Students dropping at semester will not receive a 10-point addition to the grade as the semester will have ended. This also applies to dropping a course to move into an early release/late arrival period.
- Students moving from one course to a GPA equivalent course do not get a 10-point addition since they are equivalent level courses. (e.g. GT Algebra I to Honors Algebra I)

End of the First Six-Weeks Drop

The chart below outlines the available "level down" options available at the end of the first six weeks of a course. Courses listed under Semester-Only Drop must be maintained until the semester break. If level down options are not available at the 6 weeks, students will remain in course for the remainder of the semester.

Current Course	"Level Down" Option	Current Course	"Level Down" Option
GT Humanities I	English I **OR** Honors English I	**Honors Algebra II**	Algebra II
Honors English I	English I	**AP Calculus BC***	AP Calculus AB
Honors English II	English II	**AP Statistics**	Statistics
GT AP English III	English III or AP English III	**AP Precalculus**	Precalculus
AP English III Language	English III	**Dual Enroll Anatomy I**	Honors Anatomy
AP English IV Literature	English IV	**AP Enviro. Science**	Environmental Systems
Honors Algebra I	Algebra I	**AP Physics 1***	Physics
Honors Geometry	Geometry	**GT Humanities II**	World History **OR** AP W. Hist
Honors Biology	Biology	**Honors Chemistry**	Chemistry
GT American Studies	US History **OR** US History AP	**AP World History**	World History
AP Government	Government	**AP US History**	US History
AP Psychology	Psychology (or Sociology 2nd semester)	**AP Economics**	Economics
Geometry GT	Geometry **OR** Honors Geom.	**AP Human Geography**	World Geography

***AP Physics 1 and AP Calculus BC Courses:** The level-down option is only available if the student has **not previously** taken the level down course. Otherwise, the course can only be dropped at the semester break.

AP Courses Without a First Six-Week Drop Option

For the following AP/Dual courses, there is no "level down" option for these courses.

- AP Art 2-D Art and Design
- AP Art 3-D Art and Design
- AP Art History
- AP Biology
- AP Calculus AB
- AP Capstone Research
- AP Capstone Seminar
- AP Chemistry
- AP Chinese Language
- AP Computer Science A
- AP Computer Science Principles
- AP Drawing
- AP European History
- AP French Language
- AP Music Theory
- AP Physics 2
- AP Physics C
- AP Spanish Language
- AP Spanish Literature
- Dual Enrollment Anatomy and Physiology II

Expanded Learning Options for Leveling Down

Students leveling down at the six-week mark may utilize Expanded Learning to avoid altering their overall daily schedule, or as an alternative if in-person sections of the lower-level course are full (provided an online section is offered). Leveling down using Expanded Learning follows these specific conditions:

- **When a Level-Down Option Exists:** Students may transition into an online Expanded Learning section only if the corresponding lower-level course is offered in the online format. If the lower-level course is not offered online, the student must level down into a traditional in-person section, which may require schedule adjustments.
- **When No Level-Down Option Exists:** Students enrolled in courses listed under *AP Courses Without a First Six-Week Drop Option* are not eligible for Expanded Learning at the six-week mark. These students must remain in their course until the semester break.
- **Semester Break Schedule Changes:** Students who remain in their current advanced course through the end of the first semester, whether by choice or because no six-week level-down option exists, may request standard schedule adjustments at the semester break in accordance with general course guide guidelines.

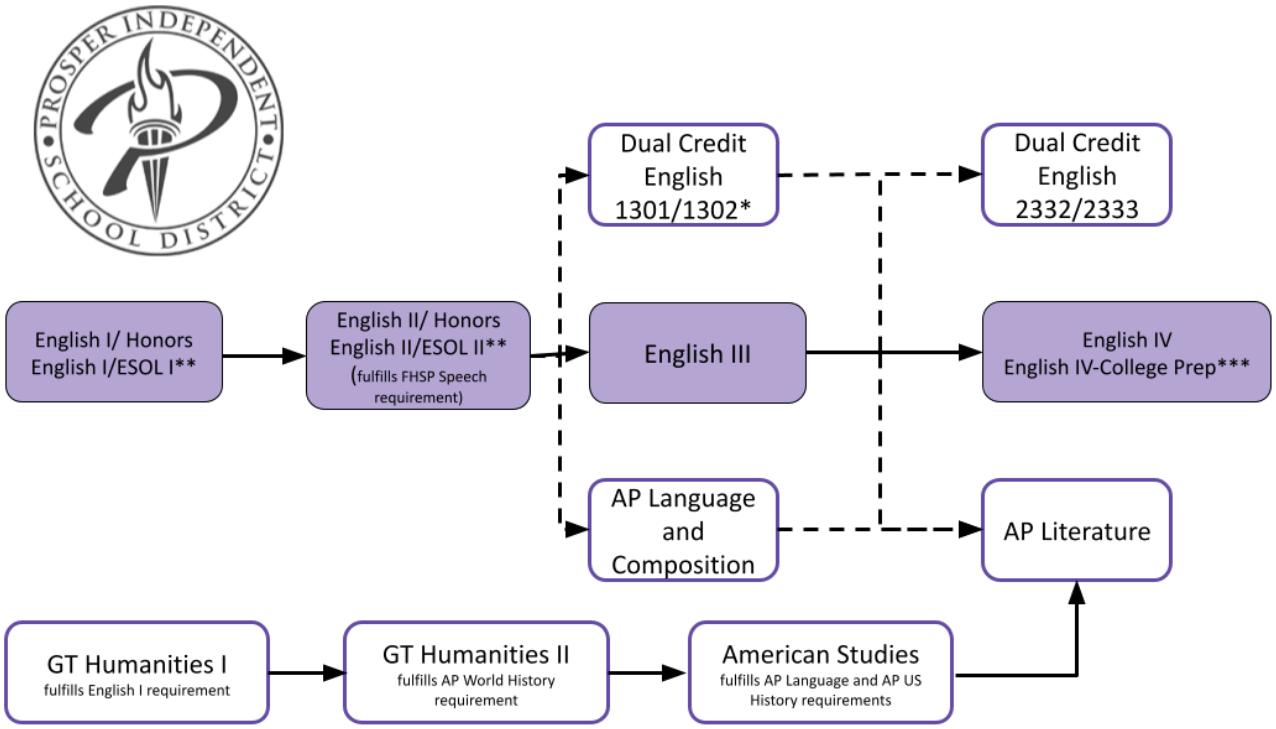
Note: See Grade Point Average information in this guide for how Expanded Learning courses are calculated into a student's GPA.

Course Descriptions

English Language Arts and Reading (ELAR)

Prosper ISD is committed to delivering rigorous, standards-aligned Tier One instruction in every ELAR course. On-Level and Honors pathways embed text-based reasoning tasks aligned to the College and Career Readiness Standards (CCRS) to refine students' close reading, evidence-based analysis, and academic writing skills for post-secondary success, ensuring all students receive high-quality core instruction that prepares them to be college, career, and military ready.

Prosper ISD High School English Track



***** If students earn a 3 or higher on the AP Language and Composition test as a Junior and then enrolls in Dual Credit English 1301/1302 as a Senior, they could potentially be earning duplicate college credit.

****** The LPAC committee determines placement in ESOL courses based on TELPAS scores. Students should NOT enroll concurrently in any other English course.

*******Only students who have NOT met TSI criteria in English are eligible to enroll in this course. Students should NOT enroll concurrently in English IV CCR and English IV.

English Language Arts: Core Courses

English I EN100A/B Grade: 9 Credit: 1 Course Type: On-Level Prerequisite: None	English I builds off of previously learned skills. Students will read assorted texts in multiple genres, and will compose literary and informational texts. Additionally, students will use inquiry and research to locate relevant sources and to evaluate, synthesize, and present ideas and information.
Honors English I EN110A/B Grade: 9 Credit: 1 Course Type: Honors Prerequisite: None	In this Honors course, students cover the same standards as the English I course but with greater depth and complexity. Students will read assorted texts in multiple genres, and will compose literary and informational texts. Additionally, students will use inquiry and research to locate relevant sources and to evaluate, synthesize, and present ideas and information.
GT Humanities I GTHU1A/B Grade: 9 Credit: 1 Course Type: Honors Prerequisite: PISD GT Identification	GT Humanities I is a course that provides students receiving gifted services with opportunities not available through on-level or advanced classes. This course combines Honors English I with AP World History, starting a two-year interdisciplinary spiral. The content is a historical study of the commonalities of the fine arts, including literature, the visual arts, architecture, and music. Humanities I focuses on the period up to the Renaissance. Students will learn and practice the craft of writing through various products, including AP style writing. Literature from a variety of world traditions will also be a key focus. *Completion of this course fulfills the English I graduation requirement. Students should not enroll concurrently in English I. Humanities does not fulfill the fine arts requirement for graduation.*
English for Speakers of Other Languages (ESOL) I EN150A/B Grade: 9 Credit: 1 Course Type: On-Level Prerequisite: LPAC Recommendation	ESOL I is a linguistically accommodated English I course for beginner and intermediate level Emergent Bilingual students receiving ESL services. The course is aligned to the English I TEKS and designed to provide differentiation, scaffolds, and targeted teaching strategies for English learners. Students will acquire academic language and develop listening, speaking, reading, and writing skills in English. *Completion of this course fulfills the state English I graduation requirement-students should NOT enroll concurrently in ESOL I and English I*

English II EN200A/B Grade: 10 Credit: 1 Course Type: On-Level Prerequisite: English I or equivalent	This course builds on skills from English I. Students will read assorted texts in multiple genres with an emphasis on world literature. Additionally, students will compose literary and informational texts and will use inquiry and research to locate relevant sources and to evaluate, synthesize, and present ideas and information. *Completion of this course also fulfills the state requirement indicating proficiency in the major components of Speech.*
Honors English II EN210A/B Grade: 10 Credit: 1 Course Type: Honors Prerequisite: English I or equivalent	In this Honors course, students cover the same standards as the English 2 course but with greater depth and complexity. Students will read assorted texts in multiple genres with an emphasis on world literature. Additionally, students will compose literary and informational texts and will use inquiry and research to locate relevant sources and to evaluate, synthesize, and present ideas and information. *Completion of this course also fulfills the state requirement indicating proficiency in the major components of speech.*
English for Speakers of Other Languages (ESOL) II EN250A/B Grade: 10 Credit: 1 Course Type: On-Level Prerequisite: LPAC recommendation	ESOL II is a linguistically accommodated English II course for beginner and intermediate level Emergent Bilingual students receiving ESL services. The course is aligned to the English II TEKS and designed to provide differentiation, scaffolds, and targeted teaching strategies for English learners. Students will acquire academic language and develop listening, speaking, reading, and writing skills in English. *Completion of this course fulfills the state English II graduation requirement-students should NOT enroll concurrently in ESOL II and English II. Completion of this course also fulfills the state requirement indicating proficiency in the major components of speech.*
English III EN300A/B **English III- Hybrid** HBEN3A/B Grade: 11 Credit: 1 Course Type: On-Level Prerequisite: English II or equivalent	This course builds on skills from previous years. Students will read assorted texts in multiple genres with an emphasis on American literature. Additionally, students will compose literary and informational texts and will use inquiry and research to locate relevant sources and to evaluate, synthesize, and present ideas and information.
AP English III EN320A/B Grade: 11 Credit: 1 Course Type: AP/DC/DE Prerequisite: English II or equivalent	Advanced Placement English Language and Composition (AP Lang) engages students in becoming skilled readers of complex prose written in a variety of rhetorical contexts while providing students opportunities to compose prose of sufficient complexity commensurate with a college freshman. Students will read critically, think analytically, and communicate clearly. This course includes AP preparation, test taking strategies, and outside readings.

GT American Studies: AP English III GTEN3A/B Grade: 11 Credits: 1 Course Type: AP/DC/DE Prerequisite: PISD GT Identification	American Studies is a one-year, double-blocked course that combines the Advanced Placement US History (APUSH) and Advanced Placement English Language and Composition (APLANG) courses with the study of American humanities and culture. As the next step after 9th/10th grade Humanities in the Prosper ISD Gifted and Talented program, it focuses on the philosophical underpinnings of American writing and thought, along with an understanding of the historical climate associated with that writing. The materials used by the teachers result in cognition on many levels; lecture, inquiry, group activities, and computer assignments address different learning styles. Discussion participation, careful writing and critical reading are significant elements for this course, along with the implementation of Gifted and Talented strategies. *Corequisite: Concurrent enrollment in GT American Studies: AP US History*
English IV EN400A/B **English IV- Hybrid** HBEN4A/B Grade: 12 Credit: 1 Course Type: On-Level Prerequisite: English III or AP English III	This course builds on skills from previous years. Students will read assorted texts in multiple genres with an emphasis on British literature. Additionally, students will compose literary and informational texts and will use inquiry and research to locate relevant sources and to evaluate, synthesize, and present ideas and information.
AP English IV EN420A/B Grade: 12 Credit: 1 Course Type: AP/DC/DE Prerequisite: English III or AP English III	Advanced Placement Literature and Composition (APLit) engages students in the critical analysis of imaginative literature, deepening their understanding of a work's structure, style, and themes. Writing instruction includes developing and organizing ideas in clear, coherent, and persuasive language, characteristics commensurate with the stylistic maturity of a college sophomore. This course includes AP preparation, test taking strategies and outside readings.
English IV College Prep EN4CPA/B Grade: 12 Credit: 2 Course Type: On-Level Prerequisite: English III and Counselor Approval	English IV College and Career Ready is developed in conjunction with Collin College to prepare students for college level English while still addressing the English IV TEKS. Students enrolled in this course are expected to complete the TSIA2 exam in English during the spring of their senior year. Successful completion of this course waives the requirement to take the Texas Success Initiative (TSI) placement test (entrance exam) at Collin College. **Students who have met TSI criteria in English are not eligible to enroll in this course.* *Completion of this course fulfills the state English IV graduation requirement-students should NOT enroll concurrently in English IV-College Prep and English IV.* *Students will earn two credits for this course: one for English 4 and one for CP English. The CP English credit is graded pass/fail.*

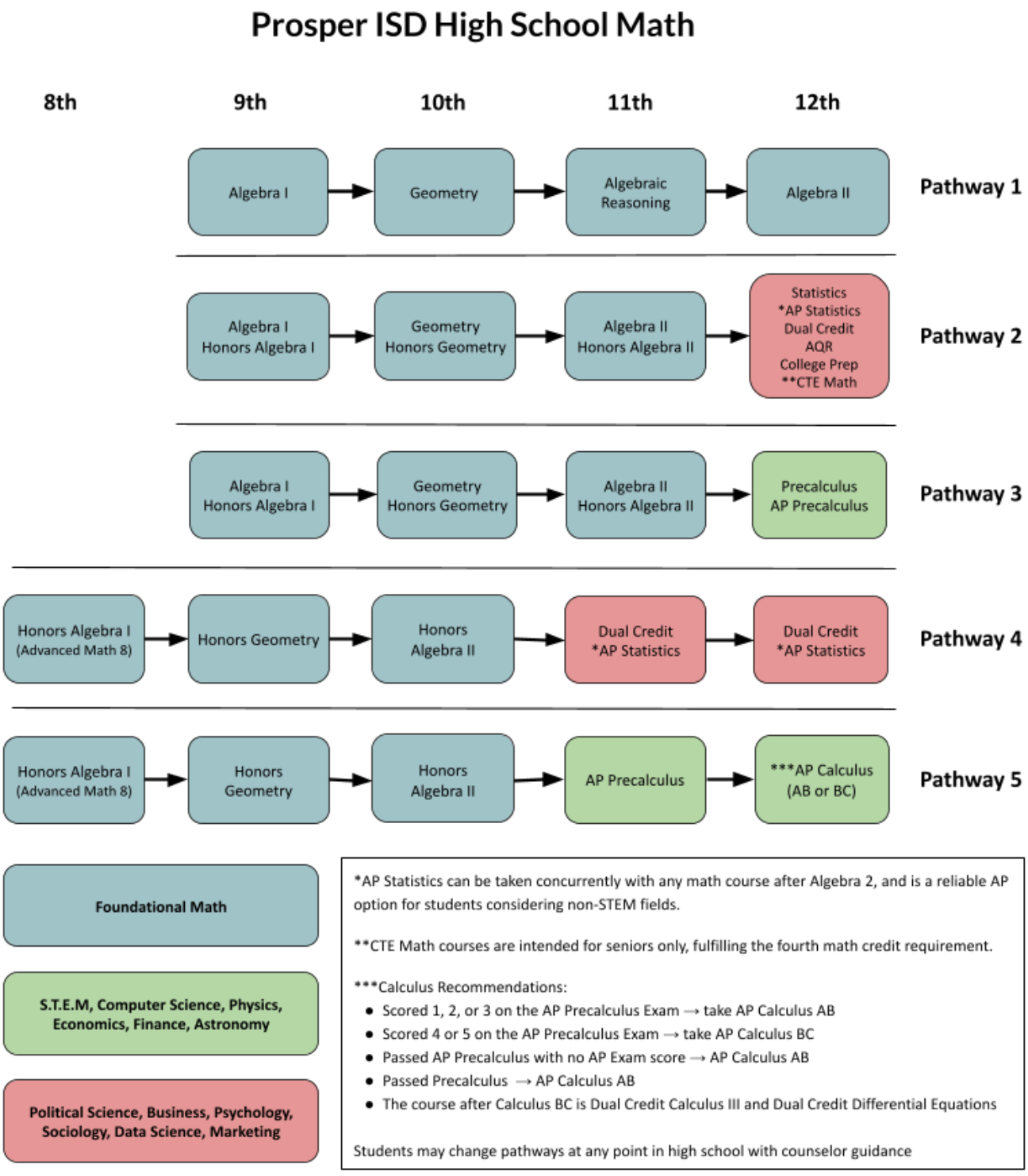
English Language Arts Courses: Dual Credit

DC Composition I (English IIIA or IVA): ENGL 1301 EN3210 EN431A Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: College acceptance	ENGL 1301 takes the place of English 3 or 4, depending on which year it is taken. This is a college freshman English course divided into two semesters focusing on an intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis. • 3 college credit hours • College acceptance and registration required • Corequisites: You must also take EN3220/EN431B (ENGL 1302)
DC Composition II (English IIIB or IVB): ENGL 1302 EN3220 EN431B Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: College acceptance	ENGL 1302 takes the place of English 3 or 4, depending on which year it is taken. This is a college freshman English course divided into two semesters focusing on 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. • 3 college credit hours • College acceptance and registration required. • Corequisites: You must also take EN3210/EN431A (ENGL 1301)
DC World Literature (English IVA) : ENGL 2332 EN430A Grade: 12 Credit: .5 Course Type: AP/DC/DE Prerequisite: ENGL 1302	ENGL 2332 is a survey of world literature from the ancient world through the sixteenth century. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. • 3 college credit hours • College acceptance and registration required. • Corequisites: You must also take ENGL 2333
DC World Literature (English IVB) : ENGL 2333 EN430B Grade: 12 Credit 0.5 Course Type: AP/DC/DE Prerequisite: ENGL 1302 & ENGL 2332	ENGL 2333 is a survey of world literature from the seventeenth century to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. • 3 college credit hours • College acceptance and registration required. • Corequisites: You must also take ENGL 2332

English Language Arts: Electives

Personal and Academic Skills (PASS) PASSA/B Grade: 9 Credit: 1 Course Type: On-Level Prerequisite: Counselor Approval	Personal and Academic Skills (PASS) ELAR is a comprehensive support program designed to foster student success in English I and beyond. The program integrates literacy skills and executive functioning skills while actively building student confidence. Through the combination of targeted ELAR instruction, problem-solving skills, and growth mindset development, PASS ELAR creates a strong foundation for students' ongoing achievement in ELAR.
Creative Writing CREAWA/B **Creative Writing-Hybrid** HBCRWA/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisite: None	This course, which serves as an elective, is a rigorous composition course where students hone their writing skills in a variety of forms and genres through a writing workshop environment. The course has two sections with each section lasting one semester: creative writing and publication. The creative writing semester emphasizes the use of the writing process and the effective application of the conventions of language along with self- and peer-evaluation and goal-setting. The publication semester works with students on the business of writing-how to find your audience, the rewrite process, and the process of publishing a work. The students will create and publish a school literary journal to showcase their learning in addition to submitting works to various contests and magazines.
Debate I DEBA1A/B Grade: 9-12 Credit: 1 Course Type: Honors Prerequisite: None	Students will learn the basics of Lincoln Douglas, Congress, Cross Examination, and Public Forum debates. Students will be introduced to major theories of philosophy and the fundamentals of government policymaking. Students involved in the class will be required to work all Prosper UIL and TFA Academic and Speech/Debate tournaments and attend and compete in multiple tournaments at other locations throughout the year. Advanced research and writing are part of the course which will greatly benefit students in high school, college, and beyond.
Debate II DEBA2A/B Grade: 10-12 **Debate III** DEBA3A/B Grade: 11-12 **Debate IV** DEBA4A/B Grade: 12 Credit: 1 Course Type: Honors Prerequisite: Debate I	This class is an intensive study and participation in the art of speech and debate. Students involved in the class will be required to work all Prosper UIL and TFA Academic and Speech/Debate tournaments and to attend and compete in multiple tournaments at other locations throughout the year. Advanced research and writing are part of the course which will greatly benefit students in high school, college, and beyond.

Mathematics



Mathematics Core Classes

College and Career Readiness

Across secondary mathematics pathways, core courses embed problem-solving tasks aligned to College and Career Readiness Standards (CCRS). Designed to support post-secondary success, these courses systematically cultivate procedural fluency, logical reasoning, and strategic problem solving—developing the habits of mind necessary to prepare students for college and career pathways.

Algebra I MA100A/B Grade: 9 Credit: 1 Course Type: On-Level	This course is designed to transfer understanding of properties and operations of the real number system, as well as proportionality, to the use of algebraic expressions, equations, and inequalities. Students use the graphs of linear, quadratic, and exponential functions, and their equations, to solve problems using concrete manipulatives, calculator and computer technology, and algebraic thinking and problem solving.
Honors Algebra I MA110A/B Grade: 9 Credit: 1 Course Type: Honors	This course addresses all of the concepts presented in the Algebra I class described above with a great emphasis on depth and complexity and moving quickly through foundational knowledge to application of the standards.
Geometry MA200A/B Grade: 9-10 Credit: 1 Course Type: On-Level Prerequisite: Algebra I	Geometry is designed to develop an understanding of the basic structure of plane and spatial geometry. Students will develop the ability to analyze geometric relationships, make and verify conjectures, apply logical reasoning to justify and prove mathematical statements, and use a variety of representations to describe geometric relationships and solve problems. This course allows students to apply algebraic skills in a logical and concrete manner. Students will take the Texas Success Initiative Assessment as a part of this course.
Honors Geometry MA210A/B Grade: 9-10 Credit: 1 Course Type: Honors Prerequisite: Algebra I	This course addresses all of the concepts presented in the Geometry class described above with a great emphasis on depth and complexity and moving quickly through foundational knowledge to application of the standards. Students will take the Texas Success Initiative Assessment as a part of this course.
GT Geometry MA212A/B Grade: 9, GT Identification Credit: 1 Course Type: Honors Prerequisite: Algebra I	This course offers identified GT students the opportunity to work with GT peers in a Geometry class. It contains all the concepts presented in the Geometry course with a great emphasis on depth and complexity and moving quickly through foundational knowledge to application of the standards. Students will learn to appreciate the moral, social, and ethical questions arising from the work of mathematicians and the application of mathematics. Students will take the Texas Success Initiative Assessment as a part of this course.

Algebraic Reasoning MA3ARA/B Grade: 11 Credit: 1 Course Type: On-Level Prerequisite: Algebra I	Designed to prepare students for Algebra II and future studies, this course builds on Algebra I to enhance algebraic reasoning and process skills. Students will broaden their knowledge of numerous functions (linear, quadratic, exponential, logarithmic, etc.) through analysis and application. Explorations include data modeling using software and measurement tools to build college and workforce readiness. This course should be taken after Geometry and before Algebra II. ● Algebraic Reasoning may be taken concurrently with Geometry.
Algebra II MA300A/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: Algebra I	Students will build on the knowledge and skills for mathematics learned in Algebra I to broaden their knowledge of quadratic functions, exponential functions, and systems of equations. They will expand their knowledge of functions to include logarithmic, radical, polynomial, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. ● Recommended Prerequisite: Geometry
Honors Algebra II MA310A/B Grade: 9-12 Credit: 1 Course Type: Honors Prerequisite: Algebra I	This course addresses all of the concepts presented in the Algebra 2 class described above with a great emphasis on depth and complexity and moving quickly through foundational knowledge to application of the standards. ● Recommended Prerequisite: Geometry
Advanced Quantitative Reasoning (AQR) MA4QRA/B **AQR: Hybrid** HBAQRA/B Grade: 12 Credit: 1 Course Type: On-Level Prerequisites: Geometry and Algebra II	Students will develop and apply the skills necessary for college, careers, and life. Course content consists primarily of applications of high school mathematics concepts. Students will develop and apply reasoning, planning, and communication, to make decisions and solve problems in situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and modeling with algebra, geometry, trigonometry, and discrete mathematics.
College Prep Math MA4CPA/B Grade: 12 Credit: 1 Course Type: On-Level Prerequisite: Algebra II	College Prep Math is designed in conjunction with Collin College to cover the content of the Collin College developmental (remedial, non-credit) math courses. Topics include a study of relations, functions, inequalities, algebraic expressions and equations (linear, polynomial, radical, rational), with a special emphasis on linear and quadratic expressions and equations. Students enrolled in this course are expected to complete the TSIA2 exam. This course fulfills students' requirement for a fourth mathematics credit under the Foundation Plan and Distinguished Level of Achievement. Successful completion of this course earns a Texas Success Initiative (TSI) exemption at Collin College for two years after graduation. *NOTE: Students who have met TSI criteria in math are not eligible to enroll in College Prep Math.*

Statistics MA4STA/B **Statistics: Hybrid** HBSTAA/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisite: Algebra I	Taking statistics in high school equips students with essential skills for analyzing and interpreting data, fostering critical thinking and problem-solving abilities. By applying these skills to real-world contexts like business, health sciences, and social studies, students gain a deeper understanding of trends, probabilities, and predictions that shape various fields. Statistics also empowers students to critically evaluate information from media, politics, and scientific reports, promoting informed citizenship. It lays a strong foundation for college majors where data analysis is crucial, such as business, psychology, and data science. Additionally, statistics supports personal decision-making in areas like finance and risk assessment, preparing students for success in an increasingly data-driven world. • Recommended Prerequisites: Geometry and Algebra II
AP Statistics MA4ASA/B Grade: 10-12 Credit: 1 Course Type: AP/DC/DE Prerequisites: Algebra I, Geometry and Algebra II	AP Statistics provides students with advanced skills in data analysis, interpretation, and critical thinking, preparing them to tackle real-world problems with confidence. This course helps students understand and apply statistical concepts in fields like business, health sciences, and social studies, allowing them to analyze trends, assess probabilities, and make informed predictions. Students planning to take a science course in their senior year will benefit greatly from taking AP Statistics in their junior year. Students with the appropriate mathematical background are encouraged to take both AP Statistics and AP Calculus in high school.
Precalculus MA400A/B **Precalculus: Hybrid** HBPCLA/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisites: Algebra I, Geometry and Algebra II	This course is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students develop mathematical ideas, multiple strategies for analyzing complex situations, use technology to build understanding, make connections between representations, and provide support in solving problems.
AP Precalculus MA422A/B Grade: 10-12 Credit: 1 Course Type: AP/DC/DE Prerequisites: Algebra I, Geometry and Algebra II	AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Furthermore, as AP Precalculus may be the last mathematics course of a student's secondary education, the course is structured to provide a coherent capstone experience.

AP Calculus AB MA420A/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisites: Precalculus or AP Precalculus	AP Calculus AB is designed to introduce students to the four major topics in calculus: functions and graphs, limits and continuity, differential calculus and integral calculus. At the end of this course, students can take the Advanced Placement examination for an opportunity to earn college credit in Calculus. Upon completion of AP Calculus AB, students who are not pursuing a STEM field in college are recommended to take AP Statistics. For recommendations to take Calculus AB or Calculus BC, please see the program pathway chart.
AP Calculus BC MA421A/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: AP Precalc	AP Calculus BC is a full-year course in the calculus of functions of a single variable. Calculus BC covers all the topics in Calculus AB, but is more extensive. Students cover the additional topics of vector functions, polar coordinates, and Epsilon-delta proofs. The course represents college-level mathematics for which most colleges grant advanced placement and/or credit in Calculus. For Calculus AB or Calculus BC recommendations, please see program pathway chart.
Dual Credit College Algebra: MATH 1314 MA435A Grades: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: Geometry, Algebra II	MATH 1314 focuses on relations and functions: Specifically, it 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. A graphing calculator may be required. College Acceptance is required. • 3 college credit hours • College acceptance and registration required. • Recommended Corequisite: MATH 1342 Elementary Statistical Methods (Spring Semester)
Dual Credit Elementary Statistical Methods: MATH 1342 MA435B Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: Geometry, Alg II	MATH 1342 is the collection, analysis, presentation and interpretation of data and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended. A graphing calculator may be required. • 3 college credit hours • College acceptance and registration required. • Recommended Corequisite: MATH 1314 College Algebra (Fall Semester)
Dual Credit Mathematics for Business and Social Sciences: MATH 1324 MA4222 Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: Geometry, Alg II	MATH 1324 is the application of common algebraic functions, including polynomial, exponential, logarithmic, and rational, to problems in business, economics, and the social sciences are addressed. The applications include mathematics of finance; systems of linear equations; linear programming; and probability, including expected value. Graphing calculator required. Lab required. • 3 college credit hours • College acceptance and registration required. • Recommended Corequisite: MATH 1325 Calculus for Business and Social Sciences (Spring Semester)

Dual Credit Calculus for Business and Social Sciences: MATH 1325 MA4223 Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: Geometry, Alg II	MATH 1325 is the basic study of limits and continuity, differentiation, optimization and graphing, and integration of elementary functions, with emphasis on applications in business, economics, and social sciences. Graphing calculator required. Lab required. • 3 college credit hours. • College acceptance and registration required. • Recommended Corequisite: MATH 1324 Math for Business and Social Sciences (Fall Semester)
Dual Credit Calculus III: MATH 2415 MA4220 Grade: 12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: AP score of 4 or 5 on Calculus (BC)	MATH 2415 focuses on advanced topics in Calculus including vectors and vector-valued functions, partial differentiation, Lagrange multipliers, multiple integrals, and Jacobians; application of the line integral, including Green's Theorem, the Divergence Theorem, and Stokes' Theorem. • 4 college credit hours. • College acceptance and registration required • Corequisite: MATH 2320 Differential Equations (Spring Semester)
Dual Credit Differential Equations: MATH 2320 MA4221 Grade: 12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: AP score of 4 or 5 on Calculus (BC)	MATH 2320 focuses on linear equations, systems of equations, equations with variable coefficients, existence and uniqueness of solutions, series solutions, singular points, transform methods, and boundary value problems; application of differential equations to real-world problems. • 3 college credit hours • College acceptance and registration required • Corequisite: MATH 2415 Calculus III (Fall Semester)

CTE Courses for Math Credit

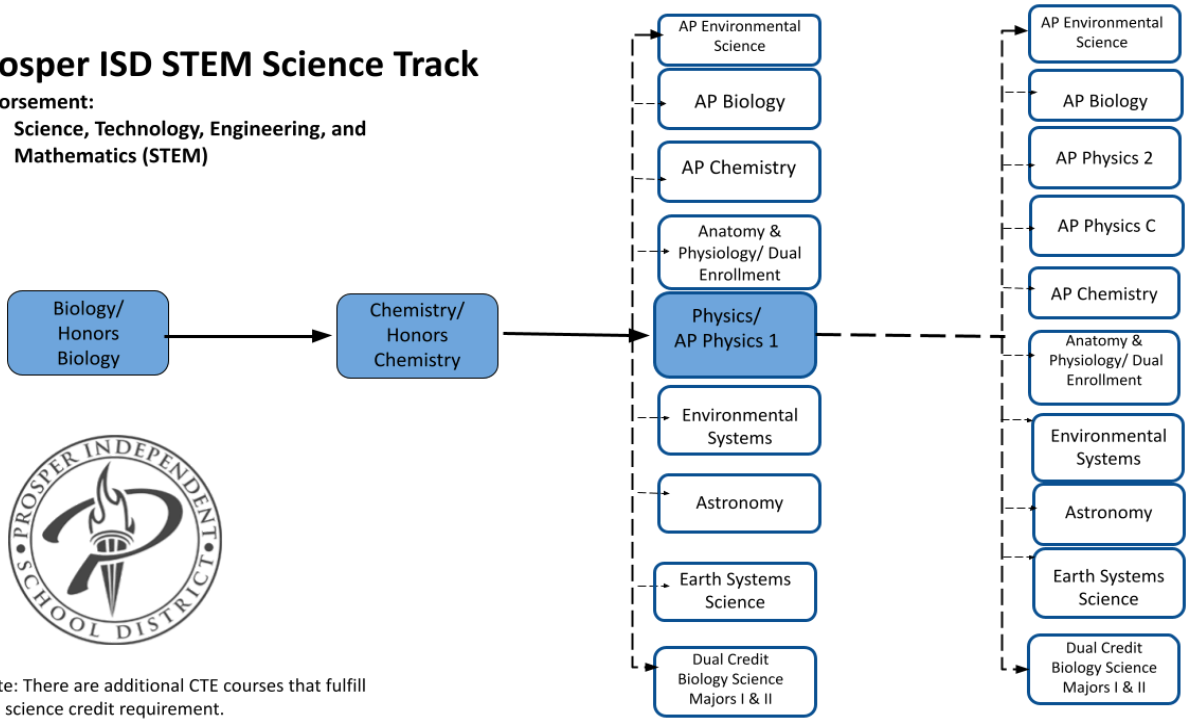
Accounting II HACT2A/B Grade: 11-12 Credit: 1 Course Type: Honors Prerequisite: Accounting I	In Accounting II, students investigate accounting's impact from industry standards and economic, financial, technological, international, social, legal, and ethical factors. Students engage in managerial, financial, and operational accounting activities while formulating, interpreting, and communicating financial information for management decision making. Students use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems to maintain, monitor, control, and plan financial resources in real-world situations. **Certification**: VITA-Basic
AP Computer Science A MA520A/B FCSAPA/B Grade: 10-12 Credit: 2 Course Type: AP/DC/DE Prerequisite: Algebra I AND either Computer Science 1 OR AP Computer Science Principles	AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. Course Note: Two credits in computer programming which includes, Computer Science I, II, III, AP Computer Science Principles, and AP Computer Science A may be used to satisfy the World Languages graduation requirements. Check with the college you plan on attending to see if this will count for admissions.
Digital Electronics* DIGEL Grade: 11 Credit: 1 (Semester, Double Block) Course Type: Honors Prerequisite: AC/DC Electronics, Algebra 1 AND Geometry	**Digital Electronics is only offered at Richland HS as part of the Electrical Engineering Academy.** This course explores electronic circuits used to process and control digital signals, the foundation of modern devices such as cellular phones, laptops, and digital cameras. Students will master combinational and sequential logic design, working with logic gates, flip-flops, and state machines to create functional digital systems. The curriculum integrates multiple number systems with hands-on applications using programmable logic devices and circuit design software while applying mathematical process standards to solve real-world engineering problems. The course introduces microcontroller programming and interfacing, exploring how digital devices interact with the real world. **Note: This is housed in a one semester (Spring) double block format. MUST be enrolled in Solid State in the same academic year.**
Robotics II ROBO2A/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: Robotics I	Students will transfer academic skills to robotic 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.

Science

Prosper ISD STEM Science Track

Endorsement:

- **Science, Technology, Engineering, and Mathematics (STEM)**

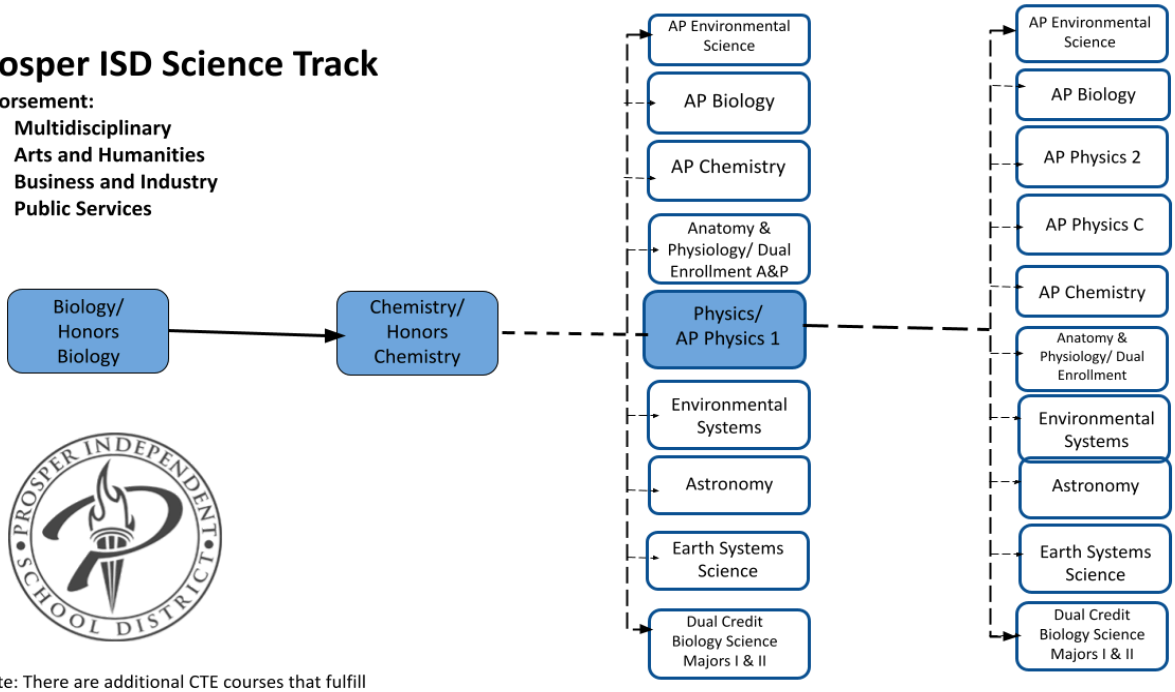


Note: There are additional CTE courses that fulfill the science credit requirement.

Prosper ISD Science Track

Endorsement:

- **Multidisciplinary**
- **Arts and Humanities**
- **Business and Industry**
- **Public Services**

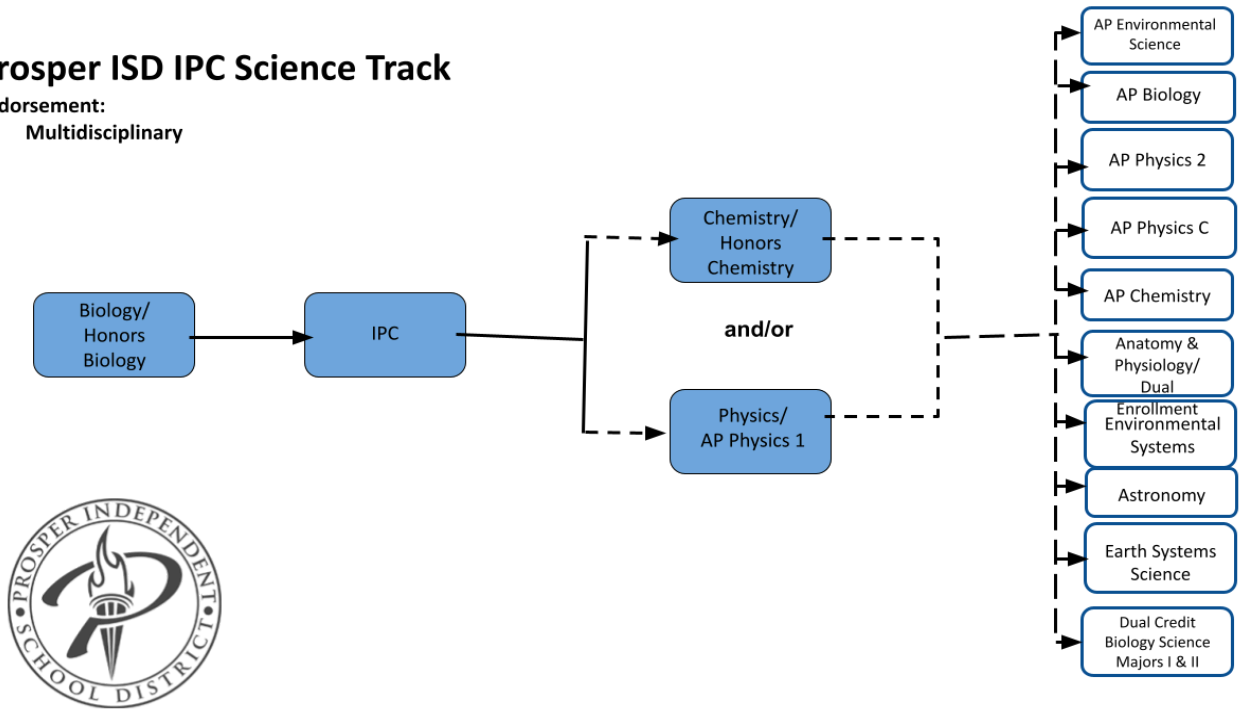


Note: There are additional CTE courses that fulfill the science credit requirement.

Prosper ISD IPC Science Track

Endorsement:

- **Multidisciplinary**



Science Core Courses

Biology SC100A/B Grade: 9 Credit: 1 Course Type: On-Level Prerequisite: None	Biology focuses on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems. The scientific process and laboratory skills are emphasized along with connections to other scientific disciplines. *NOTE: Completion of this course also fulfills the state requirement for cardiopulmonary resuscitation (CPR) training.*
Honors Biology SC110A/B Grade: 9 Credit: 1 Course Type: Honors Prerequisite: None	Biology focuses on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems. The scientific process and laboratory skills are emphasized along with connections to other scientific disciplines. Honors Biology covers the same objectives as Biology in more depth and complexity. *NOTE: Completion of this course also fulfills the state requirement for cardiopulmonary resuscitation (CPR) training.*
Integrated Physics & Chemistry (IPC) SC000A/B Grade: 10 Credit: 1 Course Type: On-Level Prerequisite: None	Integrated Physics and Chemistry is designed for students to conduct laboratory investigations, use scientific practices during investigation, make informed decisions and draw conclusions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry to cover foundational concepts of force, motion, energy, and matter.

Chemistry SC200A/B Grade: 10 Credit: 1 Course Type: On-Level Prerequisite: One high school science and Algebra I	Chemistry is a laboratory science course that focuses on characteristics of matter, energy transformations, atomic structure, behavior of gasses, bonding, solutes, and chemical reactions. The scientific process and laboratory skills are emphasized along with connections to other scientific disciplines.
Honors Chemistry SC210A/B Grade: 10 Credit: 1 Course Type: Honors Prerequisite: One high school science and Algebra I	Chemistry is a laboratory science course that focuses on characteristics of matter, energy transformations, atomic structure, behavior of gasses, bonding, solutes, and chemical reactions. The scientific process and laboratory skills are emphasized along with connections to other scientific disciplines. Honors Chemistry covers the same objectives as Chemistry in more depth and complexity.
AP Chemistry SC220A/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Chemistry and Algebra II	AP Chemistry is an advanced, lab-based course that provides a college-level foundation to support post-secondary coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.
AP Biology SC120A/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Biology and Chemistry	AP Biology is an advanced, lab-based course that provides a college-level foundation to support future advanced coursework in life science. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.
Physics SC300A/B **Physics: Hybrid** HBPHYA/B Grade 11-12 Credit: 1 Course Type: On-Level Prerequisite: Algebra 1	Physics is a laboratory science course that covers laws of motion, conservation of energy and momentum, force, thermodynamics, characteristics and behavior of waves, electricity and magnetism, and quantum physics. This course provides students with a conceptual and mathematical foundation of physics content in addition to building analytical and scientific skills.

AP Physics 1 SC321A/B Grade: 10-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Algebra I and Geometry, Algebra II*	AP Physics 1 is an advanced, lab-based course that provides a college-level foundation to support future advanced coursework in physical science. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and sound. AP Physics 1 is a first year, algebra-based physics course. • *College Board requires Algebra II as a corequisite if not already taken as a prerequisite.
AP Physics 2 SC322A/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Physics or AP Physics 1, Pre-Calculus*	AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics by developing models of physical phenomena through inquiry-based investigations. Students build their understanding of physical models as they explore and solve problems in thermodynamics, electric force, field, and potential (electrostatics), electric circuits, magnetism and electromagnetism, geometric optics, waves, sound, and physical optics, and modern physics. • *College Board requires Pre-Calculus as a corequisite if not already taken as a prerequisite.
AP Physics C SC320A/B Grade: 12 Credits: 2 Course Type: AP/DC/DE Prerequisite: AP Physics 1 or Physics, Calculus*	AP Physics C is a calculus-based course that provides a college-level foundation to support post-secondary coursework in physical science. Investigations include topics in classical mechanics during the fall and studies of electricity and magnetism in the spring. This course will prepare students to take both the Physics C: Mechanics and Physics C: Electricity and Magnetism examinations offered by the College Board. • *College Board requires Calculus as a corequisite if not already taken as a prerequisite.
Astronomy ASTRMA/B **Astronomy: Hybrid** HBASTA/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisite: Algebra I and IPC or Chemistry.	Astronomy focuses on patterns, processes, and relationships between celestial objects in our universe, from the Sun-Earth-Moon system to the vast expanse of the Milky Way and beyond. Through investigations, students will develop a deeper understanding of our place in space and time.
Earth Systems Science ESSCIA/B **ESS: Hybrid** HBESSA/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisite: Algebra I and two credits of HS science	Earth Systems Science is designed to build on students' prior scientific and academic knowledge and skills to develop their understanding of Earth's systems. These systems (the atmosphere, hydrosphere, geosphere, and biosphere) interact through time to produce the Earth's landscapes, climate, and resources. Students explore the geologic history of individual dynamic systems through the flow of energy and matter, their current states, and how these systems affect and are affected by human use.

Environmental Systems ENVSYA/B **Environmental Systems-Hybrid** HBENVA/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: Biology Corequisite: IPC or Chemistry	Environmental Systems students will draw conclusions using critical thinking and scientific problem solving through the use of field and laboratory investigations. Students study a variety of topics that include: biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environments.
AP Environmental Science SC420A/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Biology, Chemistry, and Algebra 1	AP Environmental Science is a lab-based course that provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will be expected to identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary and embraces a wide variety of topics from different areas of study.

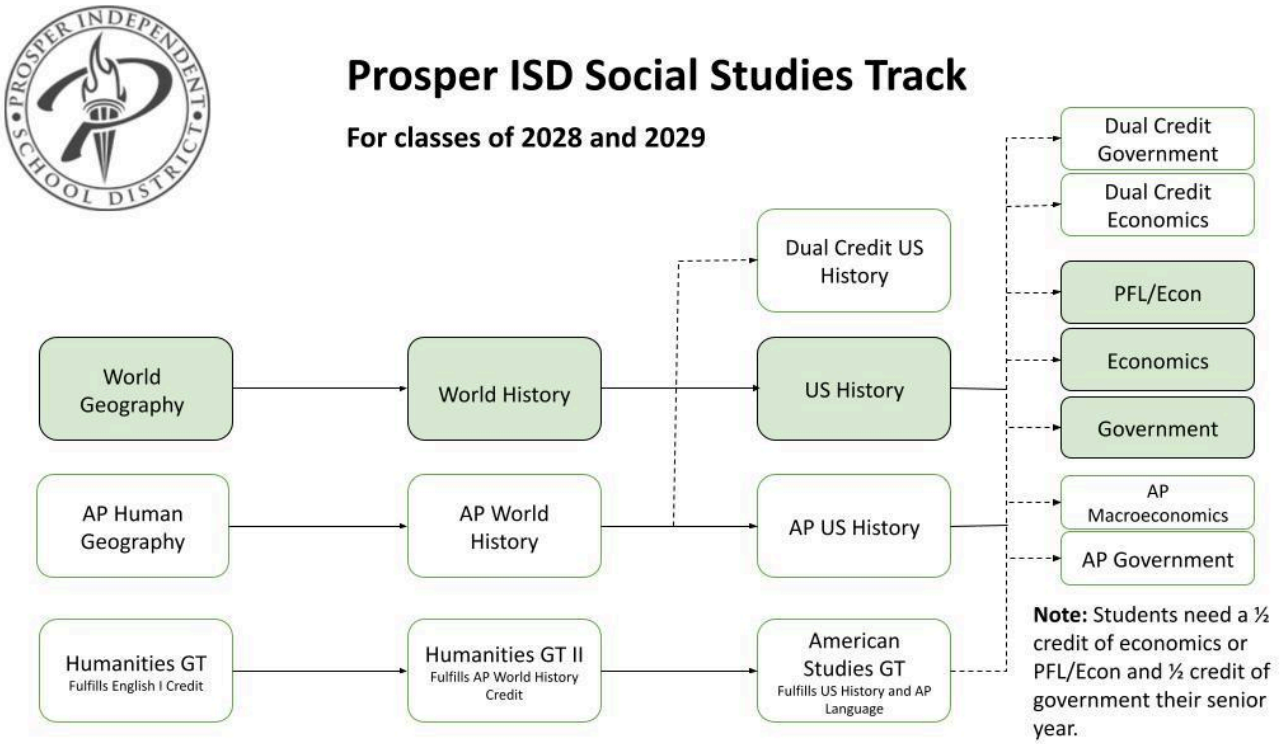
CTE Courses for Science Credit

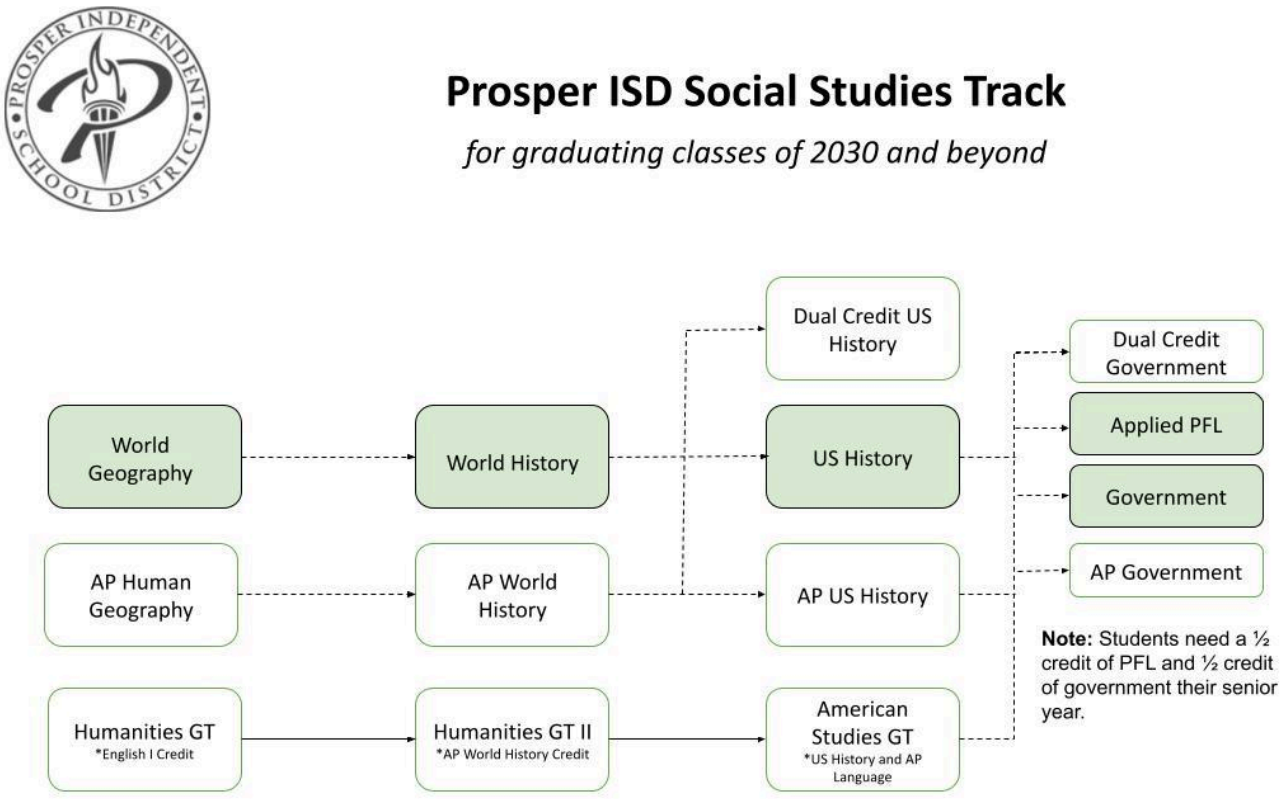
Advanced Animal Science ADANSA/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Biology and Chemistry or IPC; Algebra I and Geometry; and either Small Animal Management or Equine Science	This is a dual enrollment course through Tarleton State that teaches the scientific study of animal agriculture involving beef cattle, dairy cattle, swine, sheep, goats, and horses. Topics include general management practices, reproduction, nutrition, health, handling, genetic selection, shelter/housing, and marketing strategies and procedures. Students opting into the college credit will be responsible for the cost of tuition. Students on free and reduced status will have no cost. • Recommended Prerequisite: Veterinary Science
Advanced Plant and Soil Science (Horticulture) AGPSSA/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Required Prerequisites: Biology and Chemistry or IPC; Algebra I and Geometry; and Floral Design	This is a dual enrollment course through Tarleton State that introduces students to plant and soil science and the horticulture industry, exploring how these fields have shaped a vast body of scientific knowledge and serve as the foundation for many other sciences. Students study plant classification and structure, plant propagation, greenhouse construction and management, and the production of orchard and vegetable crops. Students will build academic knowledge and technical skills related to plant and soil science and the workplace, while examining career opportunities, entry requirements, and industry expectations to prepare for further study and careers in horticulture and related fields. Students opting into the college credit will be responsible for the cost of tuition. Students on free / reduced status will have no cost.

Anatomy & Physiology ANPHYA/B Grade: 11-12 Credit: 1 Course Type: Honors Prerequisite: Biology AND Chemistry, IPC or Physics	In Anatomy and Physiology, students conduct laboratory and field investigations and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.
Anatomy & Physiology I ANPDEA/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Biology AND Chemistry, Integrated Physics and Chemistry, or Physics	This is a dual enrollment course through Tarleton State that teaches basic physiological principles and their applications in the study of the skeletal, muscular, and nervous systems are emphasized. Students opting into the college credit will be responsible for the cost of tuition. Students on free and reduced status will have no cost. • Recommended prerequisite: 1 course from the Health Science Career Cluster
Anatomy & Physiology II AP2DEA/B Grade: 12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Anatomy & Physiology I (BIOL 2401)	This is a dual enrollment course through Tarleton State that integrates the study of human anatomy and physiology. Includes study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The lab provides a hands-on learning experience for exploration of human system components and basic physiology. Students opting into the college credit will be responsible for the cost of tuition. Students on free / reduced status will have no cost.
Biotechnology BITECA/B Grade: 10-12 Credit: 1 Course Type: On-Level Required Prerequisites: Biology, Principles of Bioscience AND Medical Terminology OR Human Body Systems	Students will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques. Students will conduct laboratory and field investigations and make informed decisions using critical thinking, scientific problem solving, and the engineering design process. Students in Biotechnology will study a variety of topics that include structures and functions of cells, nucleic acids, proteins, and genetics.
Engineering Design and Problem Solving ESPSA/B Grade: 11-12 Credit: 1 Course Type: Honors Required Prerequisites: Algebra I, Geometry AND 2 Engineering courses	This course emphasizes solving problems with real-world application. Students will apply critical-thinking skills to justify a solution from multiple design options. The course promotes interest in and understanding of career opportunities in engineering. This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to investigate, design, plan, create, and evaluate solutions while building awareness of social and ethical implications of technological development.

Engineering Science PRENGA/B Grade: 10-12 Credit: 1 Course Type: Honors Required Prerequisites: Algebra I, Biology, AND either Aerospace I, Engineering Design and Presentation, or Robotics I	Students will have an opportunity to investigate engineering and high-tech careers. They will employ STEM concepts in the solution of real-world challenge situations. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges.
Forensic Science FORSCA/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisite: Biology AND Chemistry/Physics/IPC	Forensic science is the application of multiple scientific disciplines to the investigation of criminal or civil law. Students use scientific inquiry and the process of forensic investigation and apply knowledge of investigation to the analysis of trace evidence (hair, fiber, etc.), fingerprints, DNA, and blood. **This course discusses topics that may be sensitive in nature. Please consider this content when choosing this course.**
Pathophysiology PATHPA/B Grade: 11-12 Credit: 1 Course Type: Honors Required Prerequisites: Biology, Chemistry	Students study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease.

Social Studies





*Note: Per HB27 in the 89th Legislative Session, the social studies graduation requirements have changed effective for students entering Grade 9 in the 2026-2027 school year. Students will be required to successfully complete a one-half credit personal financial literacy course or advanced equivalent. The advanced equivalent personal financial literacy course has not yet been designated by the State Board of Education.

Social Studies Core Classes

World Geography SS100A/B Grade: 9 Credit: 1 Course Type: On-Level Prerequisite: None	This course examines people, places, and environments at local, regional, national, and global scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on the events of the past and present with an emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment. • *Completion of this course also fulfills the state requirements regarding Instruction on Proper Interaction with Peace Officers.*
AP Human Geography SS120A/B Grade: 9-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: None	AP Human Geography is equivalent to a college-level course that introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. This course fulfills the world geography requirement. • *Completion of this course also fulfills the state requirements regarding Instruction on Proper Interaction with Peace Officers.*
World History SS200A/B Grade: 10 Credit: 1 Course Type: On-Level Prerequisite: None	This course is a survey of human history from its earliest origins to the present. The major emphasis is on key concepts and skills that can be applied to various historical periods and civilizations. Through the study of significant people, events and issues, we will experience imperialism, revolution, geography, economics, government, law, religion, philosophy, science and technology. By engaging in historical inquiry, students will develop critical thinking skills and a deep understanding of the past and its relevance to the present.
AP World History SS220A/B Grade: 10 Credit: 1 Course Type: AP/DC/DE Prerequisite: None	AP World History is a college-level introductory course in which students 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. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

Humanities II GT GTHU2A/B Grade: 10 Credit: 1 Course Type: AP/DC/DE Prerequisite: Humanities I and PISD GT Identification	Humanities II GT is a course that provides students receiving gifted services with opportunities not available through on level or advanced classes. This is the second half of a two-year interdisciplinary spiral that includes AP World History objectives. The content is a historical study of the commonalities of the fine arts, including literature, the visual arts, architecture, and music. Students will learn and practice the craft of writing through various products, including AP style writing. Literature from a variety of world traditions will also be a key focus. At the conclusion of Humanities II, students may sit for the AP World History to possibly earn college credit. • *Successful completion of this course awards AP World History credit. Students should not concurrently enroll in AP World History. Humanities does not fulfill the fine arts requirement for graduation.*
US History SS300A/B Grade: 11 Credit: 1 Course Type: On-Level Prerequisite: None	In this course students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the US government, which provide a framework for its history. 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.
AP US History SS320A/B Grade: 11 Credit: 1 Course Type: AP/DC/DE Prerequisite: None	AP US History provides students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in US history. Students will learn to assess historical materials--their relevance to a given interpretive problem, reliability, and importance--and to weigh the evidence and interpretations presented in historical scholarship. AP US History develops the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in a variety of formats.
GT American Studies: AP US History GTHU3A/B Grade: 11 Credits: 1 Course Type: AP/DC/DE Prerequisite: PISD GT Identification	American Studies is a one-year, double-blocked course that combines the Advanced Placement US History (APUSH) and Advanced Placement English Language (APLANG) courses with the study of American humanities and culture. As a junior year course in the PISD Gifted and Talented program, it focuses on the philosophical underpinnings of American writing and thought, along with an understanding of the historical climate associated with that writing. Discussion participation, reading, writing and critical thinking are significant elements for this course, along with the implementation of Gifted and Talented strategies. Successful completion of this course fulfills the History graduation requirements. • Corequisite: Concurrent enrollment in GT American Studies: AP English III

Dual Credit US History: HIST 1301 SS335A Grade: 11-12 Credit: 0.5 per course Course Type: AP/DC/DE Prerequisite: College Acceptance	HIST 1301: A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government. • 3 college credit hours. • College application and acceptance required
Dual Credit US History: HIST 1302 SS335B Grade: 11-12 Credit: 0.5 per course Course Type: AP/DC/DE Prerequisite: Hist 1301	HIST 1302: 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. • 3 college credit hours. • College application and acceptance required
US Government SS4100 **US Government- Hybrid** HBGOV Grade: 12 Credit: 0.5 Course Type: On-Level Prerequisite: None	The US Government course focuses on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. Students learn major political ideas and forms of government in history. A significant focus of the course is on the US Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the US system of government with other political systems.
AP Government SS4231 Grade: 12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: None	AP US Government & Politics is a college-level course that provides students with a nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationship and interactions among political institutions, processes, and behaviors. Underpinning the required content of the course are several big ideas that allow students to create meaningful connections among concepts throughout the course. Students will also engage in skill development that requires them to read and interpret data, make comparisons and applications, and develop evidence-based arguments.

Dual Credit US Government: GOVT 2305 SS4310 Grade: 12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: College acceptance	GOVT 2305: This is a dual-credit college freshman government course with an introduction to politics and government in the United States. It includes the origin and development of constitutional democracy in the United States, emphasizing the constitutions of the State of Texas, United States, federalism and intergovernmental relations, local government, and the political process. Students must stay in the course the entire semester to receive high school and college credit. • 3 college credit hours. • College application and acceptance required
Economics SS4200 **Economics- Hybrid** HBECO Grade: 12 (Classes of 2027, 2028, and 2029) Credit: 0.5 credit Course Type: On-Level Prerequisite: None	Economics, with emphasis on the free enterprise system and its benefits, focuses on the basic principles concerning production, consumption, and distribution of goods and services, including the problem of scarcity, in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price, and investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. • *NOTE: This course will not be available to students in graduating classes of 2030 and beyond as a result of HB 27.*
Personal Financial Literacy and Economics SS4220 **Personal Financial Literacy and Economics- HYBRID** HBPEC Grade: 12 Credit: 0.5 Course Type: On-Level Prerequisite: none	Personal Financial Literacy and Economics is a course that emphasizes the economic way of thinking. This course provides a foundation in both microeconomics and macroeconomics as well as personal financial literacy concepts. The course requires that students demonstrate critical thinking by exploring how to invest in themselves with education and skill development, earn income, and budget for spending, saving, investing and protecting. Students will examine their individual responsibility for managing their personal finances and understand the impact on standard of living and long-term financial well-being. Further, students will connect how their financial decision making impacts the greater economy. Students may not receive credit for this course and Personal Financial Literacy. • *NOTE: This course will fulfill the Personal Financial Literacy graduation requirement for students in graduating classes of 2030 and beyond as a result of HB 27.*
Applied Personal Financial Literacy PERFIN **Applied Personal Financial Literacy- HYBRID** HBPEC Grade: 12 Credit: 0.5 Course Type: On-Level Prerequisite: None	This course will teach skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. Topics will include personal financial planning, careers and earning potential, consumer economics, budgeting (spending and planning), saving and investing, as well as credit and debt. • *Note: Per HB27, this course is a graduation requirement for students in the class of 2030 and beyond and may only be taken by students in the class of 2030 and beyond.*

AP Economics SS4230 Grade: 12 (Classes 2028 and 2029) Credit: 0.5 Course Type: AP/DC/DE Prerequisite: None	AP Macroeconomics is a college-level course that provides students a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price-level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. • *NOTE: Per HB 27, this course may be offered as a full-year course to meet graduation requirements for the classes of 2030 and beyond. Further information to come pending guidance from TEA.*
Dual Credit Economics: ECON 2301 SS4320 Grade 12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: College acceptance	ECON 2301: This is a dual-credit college freshman economics course with an introduction to decision-making in the public sector, economic analysis of inflation, unemployment, economic growth, national income measures, money and banking, monetary and fiscal policy, competing economic theories, and international economics. Students must stay in the course the entire semester to receive high school and college credit but can take microeconomics or macroeconomics to fulfill the requirements. • 3 college credit hours. • College application and acceptance required

Social Studies Electives

Social studies electives can be taken concurrently with the required social studies classes. Through PISD social studies course work, students will demonstrate proficiency in: delivering clear verbal messages, choosing effective nonverbal behaviors, listening for desired results, applying valid critical-thinking and problem-solving processes, identifying, analyzing, developing, and evaluating verbal and non-verbal communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations.

AP European History SS520A/B Grade: 10-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: None	AP European History is a college-level survey course focuses on developing students' understanding of European history from approximately 1450 to the present. Students will 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. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovations.
Ethnic Studies: African American Studies SSAASA/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: None	In this course, students will learn about the history and cultural contributions of African Americans. This course is designed to assist students in understanding issues and events from multiple perspectives. This course develops an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions within the broader context of United States history. It requires an analysis of important ideas, social and cultural values, beliefs, and traditions. Knowledge of past achievements provides citizens of the 21st century with a broader context within which to address the many issues facing the United States.
Influences of the New Testament on History and Literature SSBIBN Grade: 9-12 Credit: 0.5 Course Type: On-Level Prerequisite: None	The course will teach students basic biblical knowledge about the New Testament that includes religion, literature, culture, art, music, and history. It will provide a basic knowledge of the Bible as a sourcebook and demonstrate the influence that it has on the development of works of culture, on the development of language, and on historical perspective. The Bible is not only considered a sacred text, but is also considered by many scholars to be the "most influential text in all of Western Culture." Knowledge gained from this study will help students understand both classical and contemporary works. In addition, students can use their knowledge as a tool to understand some of the most inspiring rhetoric in American history.

Influences of the Old Testament on History and Literature SSBIBO Grade: 9-12 Credit: 0.5 Course Type: On-Level Prerequisite: None	The course will teach students basic biblical knowledge about the Old Testament that includes religion, literature, culture, art, music, and history. It will provide a basic knowledge of the Bible as a sourcebook and demonstrate the influence it has on the development of works of culture, on the development of language, and on historical perspective. The Bible is not only considered a sacred text, but is also considered by many scholars to be the "most influential text in all of Western Culture." Knowledge gained from this study will help students understand both classical and contemporary works. In addition, students can use their knowledge as a tool to understand some of the most inspiring rhetoric in American history.
Psychology PSYCH **Psychology- Hybrid** HBPSY Grade: 10-12 (Hybrid 11-12) Credit: 0.5 Course Type: On-Level Prerequisite: None	In this elective course, students study the science of behavior and mental processes. Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.
AP Psychology (Includes Social Studies – Advanced Studies) PSYAPA/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: None	AP Psychology is a college-level course that introduces students to the systematic and scientific study of human behavior and mental processes. While considering the studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with major units of study, including biological bases of behavior, cognition, development, learning, social psychology, personality, and mental and physical health. Throughout the course, students apply psychological concepts and employ psychological research methods and data interpretations to evaluate claims, consider evidence, and effectively communicate ideas.
Sociology SOCIO **Sociology- Hybrid** HBSOC Grade: 10-12 (Hybrid 11-12) Credit: 0.5 Course Type: On-Level Prerequisite: None	This 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 of and role of culture, social structure, socialization, and social change in today's society.

World Languages (LOTE)

American Sign Language

American Sign Language I FA100A/B Grade: 9-11 Credit: 1 Course Type: On-Level Prerequisite: None	American Sign Language I is an introductory course to the language and culture of the Deaf community. Students will develop expressive and receptive language skills to be able to communicate about highly familiar topics related to everyday student life. Students will demonstrate skills in the interpretive, interpersonal, and presentational modes of communication as defined by the TEKS. The culture and contributions of the Deaf community are discussed throughout the course. The expected outcome of this course is to develop Novice Mid to Novice High proficiency. The course is conducted in ASL (without voice) a significant part of the time.
American Sign Language II FA200A/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: American Sign Language I	American Sign Language II is a continuation of ASL I focusing on the development of expressive and receptive skills by expanding their knowledge of vocabulary, syntax, and grammatical structures. Students will apply this knowledge across the three modes of communication on familiar topics related to everyday life. Students will be able to demonstrate extended cultural awareness of the Deaf Community. The expected outcome of this course is to develop Novice High to Intermediate Low proficiency. This course is conducted in ASL (without voice) a significant part of the time.
Honors American Sign Language III FA310A/B Grade: 11-12 Credit: 1 Course Type: Honors Prerequisite: American Sign Language II	Honors American Sign Language III continues the development of receptive and expressive language skills across the three modes of communication. Students will build on existing skills by adding more complex ASL grammatical features, syntax, and vocabulary. Students will continue the exploration of the culture of the Deaf community with an emphasis on ASL as a linguistic minority and particular attention to the effects on the individual. This course may require Deaf Community exposure and involvement. The expected outcome of this course is to develop Intermediate Low to Intermediate Mid proficiency. This course is conducted predominantly in ASL (without voice).
Honors American Sign Language IV FA410A/B Grade: 11-12 Credit: 1 Course Type: Honors Prerequisite: Honors American Sign Language III	American Sign Language IV Honors builds on the expressive and receptive skills learned in American Sign Language (ASL) I, II and III. Students will refine their communicative skills by expanding their ability to understand and interact on a variety of topics within everyday situations. Students will analyze ASL literature and culturally significant topics. This course may require Deaf community exposure and involvement. The expected outcome of this course is to develop Intermediate Mid to Intermediate High proficiency. This course is conducted in ASL (without voice).

French

French I FF100A/B Grade:9-11 Credit: 1 Course Type: On-Level Prerequisite: None	French I is an introductory course to the French language and culture. Students will develop listening, speaking, reading, and writing skills to be able to communicate about highly familiar topics related to everyday student life. Students will demonstrate their language skills in the interpretive, interpersonal, and presentational modes of communication as defined by the TEKS. Students will recognize the interrelationships between cultures by identifying products and practices to understand cultural perspectives of the Francophone world. The outcome for French I is to develop Novice Mid to Novice High proficiency. This course is conducted in French for a significant amount of time.
French II FF200A/B Grade 9-12 Credit: 1 Course Type: On-Level Prerequisite: French I	French II continues to introduce students to the French language and culture. Students will develop listening, speaking, reading, and writing skills to be able to communicate about familiar topics related to everyday student life. Students will demonstrate their language skills in the interpretive, interpersonal, and presentational modes of communication as defined by the TEKS. Students will recognize the interrelationships between cultures by identifying products and practices to understand cultural perspectives of the Francophone world. The outcome for French II is to develop Novice High to Intermediate Low proficiency. This course is conducted in French for a significant amount of time.
Honors French III FF310A/B Grade: 10-12 Credit: 1 Course Type: Honors Prerequisite: French II	In French III Honors students will continue developing their abilities across the three modes of communication. Students increase the complexity of their communication by demonstrating an ability to respond to tasks requiring high cognition and creative thinking using more complex grammatical structures and applicable vocabulary to discuss academic topics beyond everyday situations. Students will read, listen, and view authentic materials to deepen their understanding of the cultural practices and perspectives of various parts of the Francophone world. The outcome for French III Honors is to develop Intermediate Low to Intermediate High proficiency. This course is conducted predominantly in French.
AP French IV Language and Culture FF420A/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Honors French III	AP French IV Language and Culture engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives while emphasizing communication by applying interpersonal, interpretive, and presentational skills. This course prepares students to sit for the Advanced Placement French Language and Culture exam. The outcome for French IV AP is to develop Intermediate Mid to Advanced Low proficiency. This course is conducted exclusively in French.

Chinese

Chinese I FM100A/B Grade: 9-11 Credit: 1 Course Type: On-Level Prerequisite: None	Chinese I is an introductory course to Mandarin Chinese language and culture. Students will develop listening, speaking, reading, and writing skills on highly familiar topics related to everyday student life. Students will demonstrate their language skills in the interpretive, interpersonal, and presentational modes of communication as defined by the TEKS with an emphasis placed on listening and speaking skills. Students will recognize the interrelationships between cultures by identifying products and practices to understand cultural perspectives of the Mandarin Chinese-speaking world. The outcome for Chinese I is to develop Novice Mid to Novice High proficiency. This course is conducted in Chinese for a significant amount of time.
Chinese II FM200A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Chinese I	Chinese II continues to introduce students to the Mandarin Chinese language and culture. Students will further develop listening and speaking skills with an increased emphasis on reading and writing Simplified Chinese characters. Students will demonstrate their language skills in the interpretive, interpersonal, and presentational modes of communication on topics expanded beyond the everyday life of a student. Students will recognize the interrelationships between cultures by identifying products and practices to understand cultural perspectives of the Mandarin Chinese-speaking world. The outcome for Chinese II is to develop Novice High to Intermediate Low proficiency. This course is conducted in Chinese for a significant amount of time.
Honors Chinese III FM310A/B Grade: 11-12 Credit: 1 Course Type: Honors Prerequisite: Chinese II	Chinese III Honors builds on Chinese I and II with additional vocabulary and grammar are introduced to further develop reading and writing skills.. Students will demonstrate their language skills in the interpretive, interpersonal, and presentational modes of communication on topics expanded beyond the everyday life of a student. Students will read, listen, and view authentic materials to deepen their understanding of the cultural practices and perspectives of various Chinese regions. The outcome for Chinese III Honors is to develop Intermediate Low to Intermediate Mid proficiency. This course is conducted predominantly in Chinese.
AP Chinese IV Language and Culture FM420A/B Grade: 12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Honors Chinese III	AP Chinese IV Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives while emphasizing communication by applying interpersonal, interpretive, and presentational skills. This course prepares students to sit for the Advanced Placement Chinese Language and Culture exam. The outcome for Chinese IV AP is to develop Intermediate Mid to Advanced Low proficiency. This course is conducted exclusively in Chinese.

Spanish

Spanish I FS100A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	Spanish I is an introductory course to the language and culture of the Spanish-speaking world. Students will develop listening, speaking, reading, and writing skills to be able to communicate about highly familiar topics related to everyday student life. Students will demonstrate their language skills in the interpretive, interpersonal, and presentational modes of communication as defined by the TEKS. Students will recognize the interrelationships between cultures by identifying products and practices to understand cultural perspectives of the Spanish-speaking world. The outcome for Spanish I is to develop Novice Mid to Novice High proficiency. This course is conducted in Spanish for a significant amount of time.
Spanish II FS200A/B Grade: 9-12 Credit: 1 Course Type:On-Level Prerequisite: Spanish I	Spanish II continues to introduce students to the Spanish language and culture. Students will develop listening, speaking, reading, and writing skills to be able to communicate about familiar topics related to everyday student life. Students will demonstrate their language skills in the interpretive, interpersonal, and presentational modes of communication. Students will recognize the interrelationships between cultures by identifying products and practices to understand cultural perspectives of the Spanish-speaking world. The outcome for Spanish II is to develop Novice High to Intermediate Low proficiency. This course is conducted in Spanish for a significant amount of time.
Spanish III FS300A/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: Spanish II	In Spanish III students will continue developing their abilities across the three modes of communication as they express meaning in a variety of academic contexts beyond everyday situations. Students will read, listen, and view authentic materials to deepen their understanding of the cultural practices and perspectives of various parts of the Spanish-speaking world. The outcome for Spanish III is to develop Intermediate Low to Intermediate Mid proficiency. This course is conducted predominantly in Spanish.
Honors Spanish III FS310A/B Grade: 10-12 Credit: 1 Course Type: Honors Prerequisite: Spanish II	In Spanish III Honors students will increase the complexity of their communication by demonstrating an ability to respond to tasks requiring more complex grammatical structures and applicable vocabulary to discuss academic topics beyond everyday situations. Students will read, listen, and view authentic materials to deepen their understanding of the cultural practices and perspectives of various parts of the Spanish-speaking world. The outcome for Spanish III Honors is to develop Intermediate Low to Intermediate High proficiency. This course is conducted predominantly in Spanish.
AP Spanish IV Language and Culture FS420A/B Grade: 11-12, Credit: Course Type: AP/DC/DE Prerequisite: Spanish III or Honors Spanish III	AP Spanish IV Language and Culture engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives while emphasizing communication by applying interpersonal, interpretive, and presentational skills. This course prepares students to sit for the Advanced Placement Spanish Language and Culture exam. The outcome for Spanish IV AP is to develop Intermediate Mid to Advanced Low proficiency. This course is conducted exclusively in Spanish.

AP Spanish V Literature and Culture FS421A/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: AP Spanish Language and Culture or Spanish Seminar I	AP Spanish V Spanish Literature and Culture uses a thematic approach to introduce students to a variety of representative texts from Peninsular Spanish, Latin American, and U. S. Hispanic literature. Through careful examination of the texts, students develop critical reading and analytical writing skills. Literature is explored within the contexts of its time and place, and students gain insights on the many voices, historical periods, and cultures represented in the. The course also includes a strong focus on cultural, artistic, and linguistic connections and comparisons, which is supported by the exploration of various media. The outcome for Spanish V AP is to develop Intermediate High to Advanced Low proficiency. This course is conducted exclusively in Spanish.

CTE Courses for Languages Other than English (LOTE) Credit

Students may earn a maximum of two World Language (LOTE) credits through these designated computer science courses to fulfill graduation requirements. Students should also be aware of university admission requirements when making the decision to forgo World Languages courses as many universities require world language credit.

Class of 2031 and Beyond:

While the Texas Education Agency allows a student to substitute computer programming languages for world language credits for graduation, it is important to understand that computer science courses are not included in Ranking GPA calculations, and they are not NCAA approved as world language courses. If a student chooses to substitute computer science courses for world language courses, their Ranking GPA will be significantly lower than the Ranking GPA of students who took 4 semesters of world languages.

Computer Science I FC110A/B Grade: 9-12 Credit: 1.0 Course Type: Honors Pre-requisite or Corequisite: Algebra I	This is an introductory course to the fundamental concepts of Computer Science. This object-oriented programming class uses the Python programming language to discuss basic concepts of programming.
Computer Science II FC210A/B Grade: 10-12 Credit: 1 Course Type: Honors Pre-requisite: Algebra I and Computer Science I	This course offers an emphasis on object-oriented programming methodology with a concentration on problem solving and algorithm development using Python programming language. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will gain an understanding of computer science through the study of technology operations, systems and concepts.
Computer Science III FC320A/B	This course will foster students' creativity and innovation by presenting opportunities to design, implement, and present programs through a variety of media. Students will identify task requirements,

Grade: 11-12 Credit: 1 Course Type: Honors Prerequisite: Computer Science II or AP Computer Science A	plan search strategies, and use computer science concepts to access, analyze and evaluate information needed to solve problems.
AP Computer Science Principles T9820A/B Grade: 9-12 Credit: 1 Course Type: AP/DC/DE Recommended Prerequisite: Algebra I	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 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 work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.
AP Computer Science A FCSAPA/B Grade: 10-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Algebra I and Computer Science 1 OR AP Computer Science Principles	AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems.The course emphasizes object-oriented programming and design using the Java programming language.

Fine Arts

Music Studies

History of Popular Music in the U.S. E3100A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	This course is an exploration of the history and evolution of musical genres in America. European, African, and Caribbean roots will be traced as the end of the Civil War yields military brass bands and the beginning roots of Jazz, Tin Pan Alley, Broadway, Musical Theatre, and the foundation of music in radio, tv, and film. Students will have the opportunity to explore the vocabulary, musical terms, instrumentation, genres, musical hybrids, and basic musical forms that evolve into the rock and roll of the 1950's to current. Weekly listening, analysis, and writing assignments are required.
Music Production I E3110A/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: None	In the field of Music Production in the twenty-first century, traditional roles of songwriter, composer, arranger, musician, musical director, producer, recording technician, mixing engineers and mastering engineers are increasingly blurred. Music Production will explore the terminology, concepts of production, and the creation of music through the utilization of MIDI, basic and advanced audio, virtual instruments, and digital audio editing. Pre-production, studio production, editing and pre-mixing, mixing, and mastering processes will all be explored, developed, and assessed.
Music Production II E3120A/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisite: Music Production I	This course is designed for students to continue developing and reinforcing concepts learned in Music Production I. This advanced Music Production course will focus on elements of production, performance, and management. Units will include audio mixing and mastering techniques with the intent of publication and distribution, effectively creating, rehearsing, and performing music live for an audience, and developing a public media platform for promotion and distribution.
Intro to Music Theory E3130A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	Introduction to Music Theory is designed for high school students who wish to develop fundamental music literacy skills. This course will focus on reading, writing, and understanding music notation, rhythm, harmony, and basic aural skills. Students will gain the necessary foundational knowledge required to succeed in more advanced music theory courses, such as AP Music Theory. By the end of this course, students will be proficient in identifying and creating scales, chords, harmonic progressions, and basic melodies. The course will include practical applications of concepts through performance and composition projects.
AP Music Theory E3200A/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Introduction to Music theory or director approval/placement.	AP Music Theory corresponds to one-to-two semesters of typical, introductory college music theory coursework that covers topics such as musicianship, theory, and musical materials and procedures. Musicianship skills, including dictation and listening skills, sightsinging, and harmony, are an important part of the course. Students will develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural (listening) skills is a primary objective. Performance is also part of the curriculum through the practice of sight-singing. Students learn basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

Art

**CTE Courses for Fine Arts Credit, including Floral Design, 3D Modeling and Animation, and Introduction to Communication Arts and Media, cannot be utilized as prerequisites for ANY art course.*

Art I E1010A/B **Art I- Hybrid** HBARTA/B Grade: 9-12 (Hybrid 11-12) Credit: 1 Course Type: On-Level Prerequisite: None	This introductory course provides a comprehensive survey of the fundamentals of art. Through hands-on practice, students will develop a foundational understanding of the visual arts and their creative potential. Students will learn and apply the Elements of Art and Principles of Design as they create original works of art. Students will be introduced to significant historical periods and artists, providing a rich cultural and contextual understanding about the world of art. This course is an excellent starting point for students to build a strong artistic foundation and explore their creativity. • Course Fee Required
Advanced Art I E1110A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Portfolio Submission	Advanced Art I moves beyond an introductory course, challenging students to apply the Elements of Art and Principles of Design with greater intention and technical skill. This course is designed to develop a student's artistic voice and prepare them for advanced high school art courses. Students will be introduced to significant historical periods and artists, providing a rich cultural and contextual understanding about the world of art. Studio Art I is for rigorous studio practice, critical analysis, and the pursuit of a personal artistic vision. • Course Fee Required
Basic Drawing and Design E1021A/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: Art I /Studio Art I	This course is a focused study designed to develop essential skills in mark-making, composition, and the design process. Students will work in various artistic styles and genres, developing and polishing fundamental technical skills in drawing and design. The curriculum emphasizes the use of personal voice, exploration, and experimentation to enhance artistic expression. By the end of the course, students will have developed a strong portfolio of original pieces suitable for review or further study. • Course Fee Required
Intermediate Drawing and Design E1121A/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisite: Basic Drawing and Design	The intermediate and advanced Drawing and Design courses are structured in a scaffolded progression where the expectations for creativity, skill, critical thinking, and independence increase significantly at each level. • Course Fee Required
Advanced Drawing and Design E1221A/B Grade: 12 Credit: 1 Course Type: On-Level Prerequisite: Intermediate Drawing and Design	The intermediate and advanced Drawing and Design courses are structured in a scaffolded progression where the expectations for creativity, skill, critical thinking, and independence increase significantly at each level. • Course Fee Required

Basic Painting E1022A/B Grade 10-12 Credit: 1 Course Type: On-Level Prerequisite: Art I /Studio Art I	This course is a focused study designed to develop essential skills in painting techniques, color theory, and composition. Students will develop fundamental technical skills with various paints, media, and techniques. By the end of the course, students will have developed a strong portfolio of original pieces suitable for review or further study. This class may require additional hours outside of class. ● Course Fee Required
Intermediate Painting E1122A/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisite: Basic Painting	The intermediate and advanced Painting courses are structured in a scaffolded progression where the expectations for creativity, skill, critical thinking, and independence increase significantly at each level. This class may require additional hours outside of class. ● Course Fee Required
Advanced Painting E1222A/B Grade: 12 Credit: 1 Course Type: On-Level Prerequisite: Intermediate Painting	The intermediate and advanced Painting courses are structured in a scaffolded progression where the expectations for creativity, skill, critical thinking, and independence increase significantly at each level. This class may require additional hours outside of class. ● Course Fee Required
Basic Ceramics E1024A/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: Art I /Studio Art I	This course of study provides a hands-on focus on fundamental, intermediate, and advanced hand-building and wheel-throwing techniques. Students will explore a variety of functional and sculptural 3D works through the use of personal voice, exploration, and experimentation.The curriculum includes instruction on a variety of firing and glazing techniques and basic kiln operations. By the end of the course, students will have developed a strong portfolio of original ceramic pieces suitable for review or further study. ● Course Fee Required
Intermediate Ceramics E1124A/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisite: Basic Ceramics	The intermediate and advanced Ceramic courses are structured in a scaffolded progression where the expectations for creativity, skill, critical thinking, and independence increase significantly at each level. This class may require additional hours outside of class. ● Course Fee Required
Advanced Ceramics E1224A/B Grade: 12 Credit: 1 Course Type: On-Level Prerequisite: Inter. Ceramics	The intermediate and advanced Ceramic courses are structured in a scaffolded progression where the expectations for creativity, skill, critical thinking, and independence increase significantly at each level. This class may require additional hours outside of class. ● Course Fee Required

Basic Sculpture E1025A/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: Art I/Studio Art I	This Sculpture course is a focused study on mastering additive and subtractive sculpting techniques, along with an exploration of alternative sculptural methods. Students will utilize a wide variety of tools and materials to create 3D works, exploring everything from traditional methods to alternative and experimental techniques. Students will demonstrate an understanding of the Principles of Design within their functional and sculptural pieces. Throughout the course, students will develop a strong portfolio of original 3D pieces suitable for review or further study. This class may require additional hours outside of class. • Course Fee Required
Intermediate Sculpture E1125A/B Grade: 11-12 Credit: 1 Course Type:On-Level Prerequisite: Basic Sculpture	The intermediate and advanced Sculpture courses are structured in a scaffolded progression where the expectations for creativity, skill, critical thinking, and independence increase significantly at each level. This class may require additional hours outside of class. • Course Fee Required
Advanced Sculpture E1225A/B Grade: 12 Credit: 1 Course Type :On-Level Prerequisite: Inter. Sculpture	The intermediate and advanced Sculpture courses are structured in a scaffolded progression where the expectations for creativity, skill, critical thinking, and independence increase significantly at each level. This class may require additional hours outside of class. • Course Fee Required
AP Art History E1233A/B Grade: 10-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: None Course Fee Required	AP Art History welcomes students into the global art world to engage with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present , the students develop in-depth, holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, developing understanding of individual works and interconnections across history.
AP Drawing E1130A/B **AP Art 2D Art and Design** E1131A/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Basic Drawing or Basic Painting	The AP Art and Design program consists of three different courses and AP Portfolio Exams—AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing—corresponding to college and university foundations courses. Students may choose to submit any or all of the AP Portfolio Exams. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. • Course Fee Required • *In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students may choose to submit any or all of the AP Portfolio Exams.*

AP Art 3D Art and Design E1132A/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: Basic Ceramics or Basic Sculpture	The AP Art and Design program consists of three different courses and AP Portfolio Exams—AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing—corresponding to college and university foundations courses. Students may choose to submit any or all of the AP Portfolio Exams. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. *In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students may choose to submit any or all of the AP Portfolio Exams.*

Band

- Students participating in Prosper ISD Band and Color/Winter Guard are REQUIRED to have an annual physical and complete all appropriate paperwork prior to participation in tryouts, practices, and games.
- Physicals must be dated on or after March 1, 2027 for participation for the 2027-2028 school year. Physicals must be completed on the official UIL physical form. Prosper ISD will provide an opportunity for students to receive a physical for a nominal fee in May each year. Students meeting all of the free or reduced lunch requirements will be given the opportunity to receive a physical for free or at a reduced rate.
- Guard and Band members must be able to attend practices and games before school, after school, Saturdays and some Holidays - winter break, spring break, etc.
- All students involved in extracurricular activities follow guidelines that hold students to a higher standard regarding personal conduct.
- According to UIL rules, students must maintain a 70 average in all of their classes to remain eligible for competition. See the UIL Eligibility information in the Academic Guidelines section of this catalog for more information

Color Guard/Winter Guard I EL001A/B **Color Guard/Winter Guard II** EL002A/B **Color Guard/Winter Guard III** EL003A/B **Color Guard/Winter Guard IV** EL004A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Audition and director approval	The Color and Winter Guard are both part of the high school band program. Color Guard occurs in the fall semester when students will be part of the marching band. Winter guard occurs in the spring semester and builds on the skills learned from the marching field in an indoor setting. All students will acquire skills in dance and several varieties of equipment including flag, rifle, and saber. All students are welcome to audition for the Color and Winter Guard including non-band members. This course will require rehearsals, performances, and competitions outside of the school day. • All students can earn up to 1 PE credit over 2 years for participation in the fall semester of marching band during high school. The PE credit will be Pass/Fail and not receive GPA points.

Wind Ensemble I E7001A/B **Wind Ensemble II** E7002A/B **Wind Ensemble III** E7003A/B **Wind Ensemble IV** E7004A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Audition and director approval	This class is the top level band and consists of students that play brass and woodwind instruments. In this course, students will work on beginning through advanced instrument-specific technique, skill development, and fundamentals. The class will participate in a variety of ensembles including marching band, concert band, and various small ensembles. Students will also work on individual projects such as All-Region, etudes, and solos as part of the course curriculum and may qualify to participate in individual competitions. ● All students can earn up to 1 PE credit for participation in the fall semester of marching band during high school. The credit will be Pass/Fail and not receive GPA points. ● Corequisite: Concurrent enrollment in Wind Ensemble Applied
Wind Ensemble Applied I E7110A/B **Wind Ensemble Applied II** E7120A/B **Wind Ensemble Applied III** E7130A/B **Wind Ensemble Applied IV** E7140A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Audition and director approval	This class serves as the second required block and extension of 'Wind Ensemble', the varsity level band. While 'Wind Ensemble' focuses on group activities, 'Wind Ensemble Applied Music' will focus on the development of individual musicianship and performance qualities. In this course, students will work on intermediate through advanced instrument-specific technique, skill development, and fundamentals. Students will also work on individual projects such as All-Region, etudes, and solos as part of the course curriculum. ● Corequisite: Concurrent enrollment in Wind Ensemble
Honors Wind Ensemble Applied IV E7141A/B Grade: 12 Credit: 1 Course Type: Honors Prerequisite: application, and director approval required.	In addition to the requirements of Wind Ensemble Applied Music III and IV, advanced requirements include field-based internships, teaching experiences, a research paper with oral defense, concert reviews, elevated performance opportunities, and participation in PISD All District Fine Arts Academy Honor Ensembles . ● Students must select Wind Ensemble Applied IV ● Students will be placed into Honors Applied IV by the director. ● Corequisite: Concurrent enrollment in Wind Ensemble IV

Symphonic Band I E6001A/B **Symphonic Band II** E6002A/B **Symphonic Band III** E6003A/B **Symphonic Band IV** E6004A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Audition and director approval	This class is the second level band and consists of students that play brass and woodwind instruments. In this course, students will work on beginning through advanced instrument-specific technique, skill development, and fundamentals. The class will participate in a variety of ensembles including marching band, concert band, and various small ensembles. Students will also work on individual projects such as All-Region, etudes, and solos as part of the course curriculum and may qualify to participate in individual competitions. ● All students can earn up to 1 PE credit for participation in the fall semester of marching band during high school. The PE credit will be Pass/Fail and not receive GPA points.
Symphonic Band Applied I E6110A/B **Symphonic Band Applied II** E6120A/B **Symphonic Band Applied III** E6130A/B **Symphonic Band Applied IV** E6140A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Audition and director approval	This class serves as the second, optional block and extension of 'Symphonic Band', the non-varsity level band. While 'Symphonic Band' focuses on group activities, 'Symphonic Band Applied Music' will focus on development of individual musicianship and performance qualities. In this course, students will work on tailored, ability-based intermediate through advanced instrument-specific technique, skill development, and fundamentals. Students will also work on individual projects such as All-Region, etudes, and solos as part of the course curriculum and may qualify to participate in individual competitions. ● Optional Corequisite: Concurrent enrollment in Symphonic Band
Honors Symphonic Band Applied IV E6141A/B Grade: 12 Credit: 1 Course Type: Honors Prerequisite: Application and director approval required.	In addition to the requirements of Symphonic Band Applied Music IV, advanced requirements include field-based internships, teaching experiences, a research paper with oral defense, concert reviews, elevated performance opportunities, and participation in PISD All District Fine Arts Academy Honor Ensembles . ● Students must select Symphonic Band Applied IV ● Students will be placed into Honors Applied with director approval . ● Corequisite: Concurrent enrollment in Applied Music IV

Concert Winds I E7009A/B **Concert Winds II** E7010A/B **Concert Winds III** E7011A/B **Concert Winds IV** E7012A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Audition and director approval	This class is the third level band and consists of students that play brass and woodwind instruments. In this course, students will work on beginning through advanced instrument-specific technique, skill development, and fundamentals. The class will participate in a variety of ensembles including marching band, concert band, and various small ensembles. Students will also work on individual projects such as All-Region, etudes, and solos as part of the course curriculum and may qualify to participate in individual competitions. ● All students can earn up to 1 PE credit for participation in the fall semester of marching band during high school. The PE credit will be Pass/Fail and not receive GPA points.
Concert Band I E7005A/B **Concert Band II** E7006A/B **Concert Band III** E7007A/B **Concert Band IV** E7008A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Audition and director approval	This class is the fourth level band and consists of students that play brass and woodwind instruments. In this course, students will work on beginning through advanced instrument-specific technique, skill development, and fundamentals. The class will participate in a variety of ensembles including marching band, concert band, and various small ensembles. Students will also work on individual projects such as All-Region, etudes, and solos as part of the course curriculum and may qualify to participate in individual competitions. ● All students can earn up to 1 PE credit for participation in the fall semester of marching band during high school. The PE credit will be Pass/Fail and not receive GPA points.
Percussion I E7017A/B **Percussion II** E7018A/B **Percussion III** E7019A/B **Percussion IV** E7020A/B Grade: 9-12 Credit: 1.0 Course Type: On-Level Prerequisite: Audition and director approval	This class consists of students that play percussion instruments. In this course, students will work on beginning through advanced instrument-specific technique, skill development, and fundamentals. The class will participate in a variety of ensembles including marching band, concert band, winter drumline, and various small ensembles. Students will also work on individual projects such as All-Region, etudes, and solos as part of the course curriculum and may qualify to participate in individual competitions. ● All students can earn up to 1 PE credit for participation in the fall semester of marching band during high school. The PE credit will be Pass/Fail and not receive GPA points. ● Percussion Students selected for Wind Ensemble, will be required to take Wind Ensemble OR Wind Ensemble Applied.

Choir

- According to UIL rules, students must maintain a 70 average in all of their classes to remain eligible for competition. See the UIL Eligibility information in the Academic Guidelines section of this catalog for more information.

Varsity Treble Choir I E5101A/B **Varsity Treble Choir II** E5102A/B **Varsity Treble Choir III** E5103A/B **Varsity Treble Choir IV** E5104A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Audition	This is the UIL and TMEA competition choir for treble voices. Its membership is by audition only. This choir prepares and performs music of various styles. Repertoire consists of traditional choral, folk, American, and pop music. Many pieces will be performed a cappella. Performance and sight-reading techniques will be taught. Students may participate in individual competitions in addition to performing seasonal concerts.
Varsity Mixed Choir I E5201A/B **Varsity Mixed Choir II** E5202A/B **Varsity Mixed Choir III** E5203A/B **Varsity Mixed Choir IV** E5204A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	Varsity Mixed Choice is the UIL and TMEA competition choir for mixed voices. Its membership is by audition only. This choir prepares and performs music of various styles. Repertoire consists of traditional choral, folk, American, and pop music. Many pieces will be performed a cappella. Performance and sight-reading techniques will be taught. Students may participate in individual competitions in addition to performing seasonal concerts.
Chamber Choir I E5301A/B **Chamber Choir II** E5302A/B **Chamber Choir III** E5303A/B **Chamber Choir IV** E5304A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	Chamber Choir is for students with advanced vocal skills and a serious approach to music. Special attention is given to proper part singing, historical performance practice and music theory. Students are expected to prepare individual voice parts outside of class time, and scheduled rehearsals and concert participation is required. Performances include regularly scheduled school concerts, community appearances, assemblies, festivals and contests. This ensemble focuses primarily on choral works from the Renaissance and Baroque through Classical periods. Since student enrollment is capped at a relatively small number, prospective members prepare audition material, and bios in anticipation for the audition. Membership in an additional choir is required. • Corequisite: Concurrent enrollment in Varsity Treble or Varsity Mixed Choir

Advanced Treble I E5105A/B **Advanced Treble II** E5106A/B **Advanced Treble III** E5107A/B **Advanced Treble IV** E5108A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	This is the non-varsity UIL and TMEA competition choir for treble voices. Proficiency in sight-reading and vocal tone production are required for this ensemble. Members are selected by the Choral Director only. This choir prepares and performs music of various styles for choral competitions and UIL Concert & Sight-reading. Some rehearsals and performances will take place outside of school hours, and are required by enrollment in this year-long course. Repertoire consists of traditional choral, folk, Americana, and pop music. Performance and sight-reading techniques will be taught. Students may participate in individual competitions in addition to performing seasonal concerts.
Tenor-Bass Choir I E5601A/B **Tenor-Bass Choir II** E5602A/B **Tenor-Bass Choir III** E5603A/B **Tenor-Bass Choir IV** E5604A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	This is the non-varsity UIL and TMEA competition choir for bass voices. Proficiency in sight-reading and vocal tone production are required for this ensemble. Members are selected by the Choral Director only. This choir prepares and performs music of various styles for choral competitions and UIL Concert & Sight-reading. Some rehearsals and performances will take place outside of school hours, and are required by enrollment in this year-long course. Repertoire consists of traditional choral, folk, Americana, and pop music. Performance and sight-reading techniques will be taught. Students may participate in individual competitions in addition to performing seasonal concerts.
Choir Applied Music I E5710A/B **Choir Applied Music II** E5720A/B **Choir Applied Music III** E5730A/B **Choir Applied Music IV** E5740A/B Grade: 9-12 Credit: 1.0 Course Type: On-Level Prerequisite: Audition and director approval	This class serves as the second-block, an extension of 'Advanced Treble' or 'Varsity Mixed and Treble'. While 'Advanced Treble' and 'Varsity Mixed and Treble' focus on group activities, 'Applied Music' will focus on individual singing. In this course, students will work on intermediate through advanced vocal technique, skill development, and fundamentals. Students will also work on individual projects such as All-Region, choral etudes, solos, and ensemble as part of the course curriculum and may qualify to participate in individual competitions. • Corequisite: Concurrent enrollment in either Advanced Treble or Varsity Mixed/Treble.
Honors Choir Applied Music IV E5410A/B Grade: 12 Credit: 1 Course Type: Honors Prerequisite: Director approval	In addition to the requirements of Choir Applied Music IV, advanced requirements include field-based internships, teaching experiences, a research paper with oral defense, concert reviews, elevated performance opportunities, and participation in PISD All District Fine Arts Academy Honor Ensembles . Students will select Applied Music IV and will be placed in Honors Applied Music IV by director approval. • Corequisite: Honors Choir Applied Music requires concurrent enrollment in a Varsity Choir.

Dance

Students may receive a Physical Education credit when taking Dance I/Drill Team Prep I. This PE credit is Pass/Fail and will not count towards GPA.

- Students participating in Prosper ISD Drill Team are REQUIRED to have an annual physical and complete all appropriate paperwork prior to participation in tryouts, practices, and games.
- Physicals must be dated on or after March 1, 2027 for participation for the 2027-28 school year.
- Physicals must be completed on the official UIL physical form. Prosper ISD will provide an opportunity for students to receive a physical each spring for a nominal fee. Students meeting all of the free or reduced lunch requirements will be given the opportunity to receive a physical for free or at a reduced rate.
- Drill Team members must commit to attending practices and games before school, after school, on Saturdays, and some holidays (winter break, spring break, etc.)
- According to UIL rules, students must maintain a 70 average in all of their classes to remain eligible for competition. See the UIL Eligibility information in the Academic Guidelines section of this catalog for more information
- All students involved in extracurricular activities follow guidelines that hold students to a higher standard regarding personal conduct.

<table>
<tr><td>Dance I
E1001A/B

Grade: 9-12
Credit: 1
Course Type: On-Level
Prerequisite: None</td><td rowspan="2">These courses of study are designed to help dance students develop basic dance technique and skills. The classes will cover different styles of dance throughout the year, and students will develop perceptual thinking skills, various movement abilities, and a physical understanding of themselves and others. Consequently, students enrolled in these classes will emerge as versatile movers and technicians.

Student assessments will focus on individual growth in technique and choreography. By mastering movement principles and skills, students will develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with controlled energy.</td></tr>
<tr><td>Dance II
E1002A/B

Grade: 10-12
Credit: 1
Course Type: On-Level
Prerequisite: Dance I</td></tr>
<tr><td>Dance III
E1003A/B

Grade: 11-12
Credit: 1
Course Type: On-Level
Prerequisite: Dance II</td><td rowspan="2">These courses of study are designed to build upon knowledge acquired in Dance II. Students will develop advanced dance technique and skills through a focus on training, movement, choreography, and conditioning. These classes will cover different genres of dance throughout the year, through which students will enhance their understanding of various styles of movement and music, and explore the concept of dance as a communicative art form.

By mastering movement principles and skills, students will develop self-discipline, self-esteem, and healthy bodies that move expressively, efficiently, and safely through space and time with controlled, purposeful energy.</td></tr>
<tr><td>Dance IV
E1004A/B

Grade: 11-12
Credit: 1
Course Type: On-Level
Prerequisite: Dance III</td></tr>
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<tr>
<td>Drill Team I
E0001A/B
Drill Team II
E0002A/B
Drill Team III
E0003A/B
Drill Team IV
E0004A/B

Grade: 9-12
Credit: 1
Course Type: On-Level
Prerequisite: Audition</td>
<td>This course of study is designed for the members of a High School Drill Team. Students will focus on dance and kick technique, drill team etiquette, and performance fundamentals. Through training, performance, and evaluation, students will develop the knowledge and skills necessary to become competitive precision dancers.

All Drill Team courses last for a full academic year, and tryouts are held in the spring semester of the previous school year. Varsity Level Drill Team requires double blocking.</td>
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<tr>
<td>Drill Team Prep I
E001PA/B

Grade: 9-11
Credit : 1
Course Type: On-Level
Prerequisite: None

Drill Team Prep II
E002PA/B

Grade: 9-11
Credit : 1
Course Type: On-Level
Prerequisite: Drill Team Prep I</td>
<td>This course of study is a preparation class, designed for the developing dancers who are interested in auditioning for the drill team in a future school year. This course also allows students to develop skills and experience what the drill team offers, but before committing to the intensive schedule and responsibilities involved in being on the team.

Similar to the Drill Team, students will focus on dance and kick technique, drill team etiquette, and performance fundamentals.</td>
</tr>
</table>

Orchestra

- According to UIL rules, students must maintain a 70 average in all of their classes to remain eligible for competition. See the UIL Eligibility information in the Academic Guidelines section of this catalog for more information

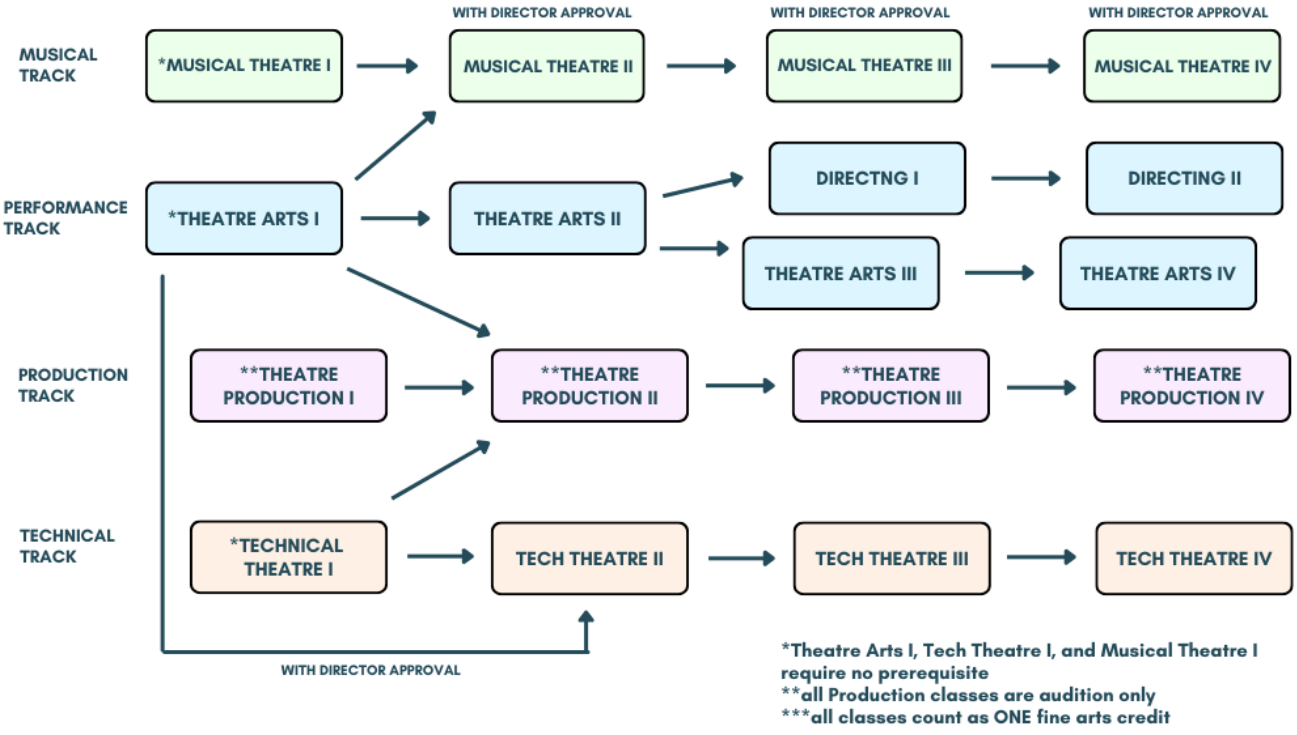
- All students involved in extracurricular activities follow guidelines that hold students to a higher standard regarding personal conduct.

Chamber Orchestra I E8021A/B **Chamber Orchestra II** E8022A/B **Chamber Orchestra III** E8023A/B **Chamber Orchestra IV** E8024A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Recommendation of Middle School Orchestra Director or an interview/ audition with the instructor.	The Chamber Orchestra is the top orchestra and is offered to all incoming 9th - 12th grade students who meet the necessary requirements based on prior orchestral experience and an audition. This orchestra provides the members an opportunity to study advanced small group ensemble music and orchestra literature. Students will continue the advanced development of instrumental technique, music reading and comprehension skills, independent musicianship, style, critical thinking skills, a deeper understanding of small group ensemble music, and orchestra literature. A wide variety of music is explored, music theory and music history are introduced, and analysis and composition allow the orchestra student to learn how to create their own music. In addition, students will develop a strong sense of musicality and a team mentality that will set them up for success as they graduate from high school and enter the workforce. Students are required to practice at home daily and attend all required performances. The Chamber Orchestra will perform outside of class on a regular basis.
Symphonic Orchestra I E8011A/B **Symphonic Orchestra II** E8012A/B **Symphonic Orchestra III** E8013A/B **Symphonic Orchestra IV** E8014A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Recommendation of Middle School Orchestra Director or an interview/ audition with the instructor.	Symphonic Orchestra is offered to entering 9th grade orchestra students who display the proper amount of proficiency on one of the four standard orchestral string instruments (violin, viola, cello, and bass) and 10th-12th grade students as a continuation of their previous orchestral experience. Educational emphasis is placed on the advancement of instrumental technique, further development of music reading and comprehension skills, independent musicianship, style, and a deeper understanding of small group ensemble music, and orchestral literature. A wide variety of music is explored, music theory and music history are introduced, and analysis and composition allow the orchestra student to learn how to create their own music. In addition, students will develop a strong sense of musicality and a team mentality that will set them up for success as they graduate from high school and enter the workforce. Students are required to practice at home daily and attend all required performances.

Camerata Orchestra I E8051A/B **Camerata Orchestra II** E8052A/B **Camerata Orchestra III** E8053A/B **Camerata Orchestra IV** E8054A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Recommendation of Middle School Orchestra Director or an interview/audition with the instructor.	Camerata Orchestra is offered to students entering 9th grade orchestra who display the proper amount of proficiency on one of the four standard orchestral string instruments (violin, viola, cello, and bass) and 10th-12th grade students as a continuation of their previous orchestral experience. Educational emphasis is placed on the continued development of instrumental technique, further development of music reading and comprehension skills, independent musicianship, style, and a deeper understanding of small group ensemble music and orchestral literature. Students will continue to develop intermediate and advanced techniques introduced in their middle school strings class while working with increasingly challenging music. A wide variety of music is explored, music theory and music history are introduced, and analysis and composition allow the orchestra student to learn how to create their own music. Students will develop a strong sense of musicality and a team mentality that will set them up for success as they continue their orchestral experience. Students are required to practice at home daily and attend all required performances.
Philharmonic Orchestra I E8031A/B **Philharmonic Orchestra II** E8032A/B **Philharmonic Orchestra III** E8033A/B **Philharmonic Orchestra IV** E8034A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Recommendation of Middle School Orchestra Director or an interview/audition with the instructor.	The Philharmonic Orchestra is offered to students entering 9th grade orchestra who display the proper amount of proficiency on one of the four standard orchestral string instruments (violin, viola, cello, and bass) and 10th-12th grade students as a continuation of their previous orchestral experience. Educational emphasis is placed on the advancement of instrumental technique, further development of music reading and comprehension skills, independent musicianship, style, and a deeper understanding of small group ensemble music, and orchestral literature. A wide variety of music is explored, music theory and music history are introduced, and analysis and composition allow the orchestra student to learn how to create their own music. Students are required to practice at home daily and attend all required performances. In addition, all students in this class will spend considerable time focusing on many of the intermediate and advanced techniques first offered in middle school strings class.
Orchestra Applied Music I E8041A/B **Orchestra Applied Music II** E8042A/B **Orchestra Applied Music III** E8043A/B **Orchestra Applied Music IV** E8044A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Audition and director approval	This class serves as the second-block, an extension of any of the three Orchestra Classes 'Chamber', 'Symphonic', or 'Philharmonic'. While 'Chamber', 'Symphonic', or 'Philharmonic' focus on group activities, 'Applied Music' will focus on individual playing. In this course, students will work on intermediate through advanced instrument-specific technique, skill development, and fundamentals. Students will also work on individual projects such as All-Region, etudes, and solos as part of the course curriculum and may qualify to participate in individual competitions.

Honors Orchestra Applied Music IV E8045A/B Grade: 12 Credit: 1 Course Type: Honors Prerequisite: Concurrent enrollment in Applied Music IV, application, and director approval required.	In addition to the requirements of Orchestra Applied Music III and IV, advanced requirements include field-based internships, teaching experiences, a research paper with oral defense, concert reviews, elevated performance opportunities, and participation in PISD All District Fine Arts Academy Honor Ensembles. • Students must select Orchestra Applied Music IV • Students will be placed into Honors Applied Music IV by their director.

Theatre



Theatre Arts I E2001A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	This course of study is designed as an introductory survey in the fundamentals of theatre, including the role of the actor, the role of the technician, the interpretation of dramatic literature, the development of the physical theatre, and the historical movements and trends in theatre. Through performance and evaluation, the student develops physical, vocal, and mental processes with an emphasis on interpretation, body movement, and characterization.

Theatre Arts II E2012A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Theatre Arts I OR director approval if in 9th grade	This course of study is designed to further develop the student as an actor through performing and analyzing quality dramatic literature, as well as successfully evaluating and critiquing dramatic works. The primary focus of this course includes learning the principles of acting, exploring comedic and dramatic theory, developing stage movement, and increasing experience in scene work and/or play production.
Theatre Arts III E2013A/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: Theatre Arts II	This course of study is designed as an advanced acting course, and builds upon previously learned content to help students achieve mastery in theatrical performance. The primary focus of this course includes refining the techniques of acting, analyzing culturally relevant works, preparing scenes from classical and modern eras, and increasing experience in scene work and/or play production.
Theatre Arts IV E2014A/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisite: Theatre Arts III	This course of study is designed as a mastery level course in acting for the stage. Students will utilize their knowledge of technique and method in class performances, play productions, critical evaluations, and portfolio development for college/career preparation. The primary focus of this course includes playwriting and directing as well. Students will learn the fundamentals of playwriting, directing, producing, and managing for the theatre, culminating in an original play script, a self-directed one-act play, or similarly rigorous capstone project.
Technical Theatre I E3001A/B Grade 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	This course of study is designed as an introductory survey in the fundamentals of technical theatre, including safety, terminology, history, as well as the exploration of all tech theatre disciplines. Through production design and project-based learning, the student will study the application of set, lighting, sound, costumes, props, makeup, publicity, and house/stage management.
Technical Theatre II E3002A/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: Technical Theatre I	This course of study is designed for the student who wants to continue to explore specific disciplines within technical theatre. Student projects may focus on scenic construction and design, lighting, sound, properties, costuming, make-up, publicity, as well as house and stage management. This course will allow students to improve upon specific skills and techniques depending on their discipline of study. These skills may include theatrical design. scenic carpentry, lighting plotting and focusing, theatrical soundscape mixing, prop construction, sewing/stitching/costume construction, and theatrical make-up application. The curriculum will be extensively hands-on and project-based.

Technical Theatre III E3003A/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisite: Technical Theatre II	These courses of study are designed for the student who wants to commit and focus on a specific discipline within technical theatre. Students will participate similarly to Technical Theatre II students, but with an emphasis on script analysis and theatrical production. Technical Theatre III students will connect specific design and construction elements to style, period, genre, and playwright intention, while also considering production history through exploration and research. Projects may contribute directly to the theatre program's season of productions, and students will get the opportunity to serve as designers or on technical run crews for a given play or musical. The curriculum will be extensively hands-on and production-based.
Technical Theatre IV E3004A/B Grade: 12 Credit: 1 Course Type: On-Level Prerequisite: Technical Theatre III	These courses of study are designed for the student who wants to commit and focus on a specific discipline within technical theatre. Students will participate similarly to Technical Theatre II students, but with an emphasis on script analysis and theatrical production. Technical Theatre IV students will connect specific design and construction elements to style, period, genre, and playwright intention, while also considering production history through exploration and research. Projects may contribute directly to the theatre program's season of productions, and students will get the opportunity to serve as designers or on technical run crews for a given play or musical. The curriculum will be extensively hands-on and production-based.
Directing I E4009A/B Grade: 11-12 Credit: 1 Course Type: On-Level Prerequisite: Theatre Production /Theatre Arts II	This course of study is designed for the student seriously interested in directing for theatre arts. Students will build upon their knowledge of acting and tech theatre in order to analyze scripts, evaluate critically, effectively delegate, and artistically lead, all while building a portfolio for college/career preparation. The main focus of this course includes directing intermediate level acting students, primarily in a theatrical setting, with supplemental explorations of directing for film and television. Students will learn the fundamentals of directing, producing, and managing for the theatre, culminating in a self-directed one-act play, or similarly rigorous capstone project.
Directing II E4010A/B Grade: 12 Credit: 1 Course Type: On-Level Prerequisite: Directing I	This course of study is designed for the student seriously interested in directing for theatre arts. Students will build upon their knowledge of acting and tech theatre in order to analyze scripts, evaluate critically, effectively delegate, and artistically lead, all while building a portfolio for college/career preparation. The main focus of this course includes directing intermediate level acting students, primarily in a theatrical setting, with supplemental explorations of directing for film and television. Students will learn the fundamentals of directing, producing, and managing for the theatre, culminating in a self-directed one-act play, or similarly rigorous capstone project.

Theatre Production I E4001A/B **Theatre Production II** E4002A/B **Theatre Production III** E4003A/B **Theatre Production IV** E4004A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Audition ONLY	This course of study will provide a laboratory learning experience for the exploration, development, and synthesis of all elements and components of Theatre Arts, both performance and technical. The primary focus of these courses is participation in all school theatre productions and activities.
Musical Theatre Arts I E2021A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	This course of study is designed as an introduction to all of the fundamentals of Musical Theatre, including the role of the musical theatre performer, the interpretation of musical literature, the balance of acting, singing, and dancing, as well as the historical movements and trends of musical theatre. The primary focus of these courses is performance, evaluation, production, and college/career preparation, including portfolio building and auditioning techniques.
Musical Theatre Arts II E2022A/B **Musical Theatre Arts III** E2023A/B **Musical Theatre Arts IV** E2024A/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: Audition OR Director Approval	This course of study is designed as an introduction to all of the fundamentals of Musical Theatre, including the role of the musical theatre performer, the interpretation of musical literature, the balance of acting, singing, and dancing, as well as the historical movements and trends of musical theatre. The primary focus of these courses is performance, evaluation, production, and college/career preparation, including portfolio building and auditioning techniques.

CTE Courses for Fine Arts credit

3D Modeling and Animation T9704A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	This course consists of computer images created in a virtual three-dimensional (3D) environment. Applications in careers, including criminal justice, crime scene and legal applications; construction and architecture; engineering and design; and the movie and game industries will be explored. Students in this course will produce various 3D models of real-world objects using software such as Maxon Cinema 4D and Blender.
Floral Design FLORDA/B Grade: 10-12 Credit: 1 Course Type: On-Level Prerequisite: None	Floral Design is designed to develop students' ability to identify and demonstrate the elements and principles of floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions of and appreciation for the contributions of diverse cultures. Students respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. **Certification:** TSFA Knowledge Based Floral **See the course fee section of the guide for costs associated with this course**
Introduction to Communication Arts and Media ICAMA/B Grade: 9-12 Credit: 1 Course Type: On-level Prerequisite: None	This course introduces students to the world of digital media design, focusing on practical applications in journalism, fashion design, broadcast, film, and radio. Through hands-on experience with industry-standard software like Adobe Photoshop, Illustrator, and InDesign, students will learn to create compelling visual content. Students cannot take ICAM if they have previously completed Digital Arts and Animation **Certification:** Adobe Photoshop

Physical Education and Athletics

Physical Education

Lifetime Fitness and Wellness PELFWA/B **Lifetime Fitness and Wellness- Hybrid** HBPEA/B Grade: 9-12 (11-12 Hybrid) Credit: 1 Course Type: On-Level Prerequisite: None	This course introduces the student to basic fitness principles, physical activity and the relationship between these factors and developing a healthy lifestyle. Knowledge and skills acquired in this course include fitness and training, principles of weightlifting, interval training, circuit training, high intensity interval training, as well as nutrition, weight control, and stress management.
Lifetime Recreation and Outdoor Pursuits PELROA/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	This course is designed to promote outdoor education activities that provide opportunities for enjoyment and challenge. Students will access resources from the Outdoors Tomorrow Foundation to demonstrate competencies in outdoor recreational activities including, but not limited to, outdoor cooking, backpacking, archery, boating, angler education, and hunter education. Emphasis is placed upon student selection of activities that promote a respect for the environment and that can be enjoyed for a lifetime.
Skill-Based Lifetime Activities PESBLA/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	This course is designed to foster proficiencies, competition, and fitness in team and individual activities including but not limited to: soccer, softball, tennis, volleyball, basketball, flag football, pickleball, badminton, golf, and ultimate Frisbee. Students will develop strategies and skills for each activity with an emphasis on lifetime fitness.
Off-Campus PE PE1OFA/B PE2OFA/B PE3OFA/B PE4OFA/B Grade: 9-12 Credit: 1 Course Type: No credits Prerequisite: Application and fee required	Students must complete an Off-Campus PE application annually, pay a fee to participate, and report grades at designated progress dates communicated by the PE Director. Off-Campus PE is designed for students who participate in Olympic level, highly competitive and intense physical activity or performance. Students can earn up to 4 credits in Off-Campus PE during high school. <u>The following activities are approved for OCPE participation:</u> Archery Figure Skating Mixed Martial Arts Badminton Gymnastics Synchronized Swimming Boxing Trampoline Dance Lacrosse Equestrian Hockey Judo

Cheerleading

- Students participating in Prosper ISD Cheer are REQUIRED to have an annual physical and complete all appropriate paperwork prior to participation in tryouts, practices, and games.
- Physicals must be dated on or after April 1, 2027 for participation in cheer for the 2027-2028 school year. Physicals must be completed on the official UIL physical form. PISD Athletics will provide an opportunity for students to receive a physical for a nominal fee in May each year.
- Cheerleaders must be able to attend practices and games before school, after school, Saturdays and some Holidays - winter break, spring break, etc.
- All students involved in extracurricular activities are held to a higher standard regarding personal conduct.
- According to UIL rules, students must maintain a 70 average in all of their classes to remain eligible for competition. See UIL Eligibility information in the Academic Guidelines section of this catalog.

Cheer CHER1A/B CHER2A/B CHER3A/B CHER4A/B Grade: 9-12 Credit: 1.0* Course Type: On-Level Prerequisite: Tryout	Students who make the cheer team will be placed in the cheer class by the counselors once the team roster has been provided by the cheer coach. Students in Cheerleading are double blocked. *Students can earn 1 credit for cheer and up to 3 credits for athletic substitution.

Athletics

Athletics is intended for students interested in playing competitive sports. Athletic participation is a privilege, not a right and student athletes are held to a higher standard of conduct. Any questions concerning participation should be addressed to the specific coach or campus athletic coordinator **after** you enroll in Prosper ISD. If you have questions **prior to** enrolling, you must contact the Assistant Athletic Director, Kyle Lintelman 945-678-9000 or aklintelman@prosper-isd.net.

- Students participating in Prosper ISD Athletics are REQUIRED to have an annual physical and complete all appropriate paperwork prior to participation in tryouts, practices, and games.
- Physicals must be dated on or after March 1, 2027 for participation in athletics for the 2027-2028 school year. Physicals must be completed on the official UIL physical form. PISD athletics will provide an opportunity for students to receive a physical for a nominal fee in May each year. Student athletes meeting all of the free or reduced lunch requirements will be given the opportunity to receive a physical for free or at a reduced rate.
- Athletes must be able to attend practices and games before school, after school, Saturdays and some Holidays - winter break, spring break, etc.
- All students involved in extracurricular activities follow co-curricular guidelines that hold students to a higher standard regarding personal conduct.
- According to UIL rules, student athletes must maintain a 70 average in all of their classes to remain eligible for competition. See UIL Eligibility information in the Academic Guidelines section of this catalog.

Sport-Specific Selection* Grade: 9-12 Credit: 1.0 (up to a maximum of 4 credits) Course Type: On-Level Prerequisite: Coach's approval and/or tryout process *Students should request the specific sport they wish to play rather than "Athletics". Most sports are offered as year-long courses.	The following sports are available at the high school level: Baseball, Basketball, Cross Country, Diving, Football, Golf, Powerlifting, Soccer, Softball, Swimming, Tennis, Track &Field, Volleyball, Water Polo, Wrestling Students that wish to participate in more than one sport must contact the Coach of each sport to discuss the request. Students must have a period of Athletics on their schedule in order to participate. UIL rules specifically prohibit students from being enrolled in more than one physical education, and/or athletic class; Exception: PE Class: Adventure/Outdoor Education; PE Substitute: Cheerleading I, Drill Team, Marching Band, and Sports Officiating

General Electives

AP Capstone Program

The AP Capstone program, developed by College Board, is designed for motivated students eager to build strong college-level skills in research, critical thinking, collaboration, and communication—qualities highly valued by colleges. The program includes two courses, AP Seminar and AP Research, that help students stand out academically by exploring real-world issues, analyzing information, and conducting independent research projects. Ideal AP Capstone students are motivated, enjoy research, critical thinking, teamwork, and open discussions. By completing both courses and scoring a 3 or higher on four additional AP exams, students can earn the AP Capstone Diploma, which provides advantages such as higher college grades, access to scholarships, internships, and honors programs. Graduates often enter college with advanced skills in writing, research, and teamwork, giving them a competitive edge. *Please note that extended absences are not appropriate for these courses, as consistent participation is essential for successful collaboration and project completion.*

AP Seminar: Independent Study in English APSEMA/B Grade: 10-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: None	AP Seminar is a foundational course where students engage in discussions on complex academic and real-world topics, exploring different perspectives. Through an inquiry-based approach, students practice reading and analyzing articles, research studies, literary texts, and more. Students gather information from multiple sources, develop their perspectives through written essays, and create and deliver oral and visual presentations. Working individually and in teams of three to six, they identify, investigate, analyze, and evaluate academic or real-world problems, questions, or issues. Skills Developed in AP Seminar: • Reading and analyzing diverse articles, studies, and texts • Synthesizing information from multiple sources • Examining issues from various perspectives • Crafting, communicating, and defending evidence-based arguments
AP Research: Social Studies Research Methods APRESA/B Grade: 11-12 Credit: 1 Course Type: AP/DC/DE Prerequisite: AP Seminar Recommended Prerequisite: 3+ on AP Seminar exam	AP Research, the second course in the AP Capstone program, enables students to dive deeply into a topic, problem, or idea of personal interest. Over the course of a year, students design and conduct an investigation to answer a research question of their choice. Building on skills from AP Seminar, students develop expertise in research methods, ethical practices, and source analysis, all documented in a process and reflection portfolio. The course culminates in a 4,000–5,000-word academic paper and a presentation with an oral defense. Skills Developed in AP Research: • Conducting independent research • Analyzing sources and evidence • Applying context and multiple perspectives • Writing a college-level academic paper • Presenting and defending research findings

AVID 9 AVID1A/B Grade: 9 Credit: 1 Course Type: On-Level Prerequisite: Application, interview, and formal acceptance into the AVID program	Advancement Via Individual Determination (AVID) 9 is an academic elective course designed for 9th grade students that prepares them for college and career success. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase their awareness of their personal contributions to their learning as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions, while refining study skills and test-taking, note-taking, and research techniques. They will take an active role in field trips and guest-speaker presentations. Their college research will include financial topics and building their knowledge of colleges and careers of interest. *This program is only available at Richland HS.*
AVID 10 AVID2A/B Grade: 10 Credit: 1 Course Type: On-Level Prerequisite: Application, interview, and formal acceptance into the AVID program	AVID 10 is a year-long college-preparatory elective designed to sharpen academic skills, personal organization, and postsecondary readiness for students. Students will refine writing, critical reading, and text analysis through argumentative essays, prompt analysis, and vocabulary development for college entrance exams. This course fosters group problem-solving through tutor-led study groups and document-based collaborative discussions. Students will narrow down specific career paths, refine long-term academic goals, and master time management for higher course loads. *This program is only available at Richland HS.*
Hope Squad HOPE1A/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: Nomination and application	Hope Squads students are the eyes and ears of your school. Hope Squad students work with school advisors and students are trained to watch for at-risk peers, provide friendship, identify warning signs, and seek help from adults. Hope Squad students are identified by their classmates as trustworthy peers to serve as Hope Squad members. *NOTE: Students cannot take both Hope Squad and Student Leadership.*
Peer Assistance PEPARA (state credit) PEPARB (local credit) Grade: 9-12 Credit: .5 state credit Course Type: On-Level Prerequisite: Application	Students selected for this course will serve as peer partners to aid in providing instruction in PE to our students with disabilities. The focus of the class is to provide individualized instruction and an expanded curriculum (i.e., community based instruction and lifetime leisure activities) to our students with disabilities, in order to maximize their opportunities for participation, skill acquisition, and meaningful social interactions. *NOTE: This is a full-year course that awards 0.5 state elective credit toward graduation in the fall semester. Spring Semester will be pass/fail for no state credit.*

Professional Communications PROCOM Grade: 9-12 Credit: 0.5 Course: On-Level Prerequisite: None	Professional Communications blends written, oral, and graphical communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct internet research.
Student Leadership STULDA/B Grade: 11-12 Credit : 1 Course Type: On-Level Prerequisite: Application	This course provides opportunities to study, to practice, and to develop group and individual leadership and organizational skills in decision-making, problem-solving, communication, leadership, human relations, and civic responsibility. Students enrolled in this course will apply these skills in dealing with peers, school administration, and the community. This is a project based class. Students may only earn one state credit for this course. Students cannot take both Hope Squad and Student Leadership.
Team Sports Officiating TEAMOA/B Grade: 9-12 Credit: 1 Course Type: On-Level Prerequisite: None	Students enrolled in Team Sport Officiating learn rules and regulations of selected team sports, developing skills in the area of communication, decision making, and conflict management which are needed to officiate team sport competitions. Working with coaches, players, other officials, and parents, the expectation is that by the end of the course students will have the ability to officiate at various levels and manage responsibilities that come with the role.

Local Courses (No Graduation Credit)

Office Aide	Seniors who are on track to earn the required number of credits to graduate on time, have achieved CCMR status, and have appropriate attendance and discipline may choose to be an office aide. No state graduation credit is awarded for this course.
Junior Release Period	One release period. This release period occurs only every other day (one period total across the schedule). Students who select this option must have a completed permission form in Skyward and provide their own transportation to arrive or leave campus. **Juniors may be eligible for one release period if they meet ALL the following criteria:** Credit Requirement: Have earned the required number of credits to be on track to graduate on time, and Attendance: Cannot be actively truant through the tribunal. Attendance will be reviewed at the end of each semester, and off periods will be removed for students who are not in good standing with the tribunal, and CCMR Requirement: Have met at least one of the specified College, Career, and Military Readiness (CCMR) criteria prior to the first day of school. (Students can see CCMR status under "Educational Milestones" in Skyward)
Senior Release Periods	Students who select this option must have a completed permission form in Skyward and provide their own transportation to arrive or leave campus. **Seniors may be eligible for one release period if they meet ALL of the following criteria:** Credit Requirement: Have earned the required number of credits to be on track to graduate on time, and Attendance: Cannot be actively truant through the tribunal. Attendance will be reviewed at the end of each semester, and off periods will be removed for students who are not in good standing with the tribunal, and Course Enrollment: Must be enrolled in courses that will or potentially will allow them to earn CCMR at the end of the year (AP, college prep math, college prep English dual credit, dual enrollment). Students are expected to take the AP or TSIA2 test that is required for college readiness. **Seniors may be eligible for two release periods if they meet ALL of the following criteria:** Credit Requirement: Have earned the required number of credits to be on track to graduate on time, and Attendance: Cannot be actively truant through the tribunal. Attendance will be reviewed at the end of each semester, and off periods will be removed for students who are not in good standing with the tribunal, and CCMR Requirement: • Have met one specified CCMR criterion OR • Have obtained an Industry Based Certification (IBC) and are enrolled in a course to complete the aligned Program of Study (3 courses for 4 credits, one upper-level). Special Education Students: For students receiving Special Education services, eligibility to be CCMR eligible will be determined in accordance with their Individualized Education Program (IEP) and decided upon during their Admission, Review, and Dismissal (ARD) committee meeting (Students can see CCMR status under "Educational Milestones" in Skyward)

Celina Cohort/Collegiate Studies Academy

Courses listed below are only offered as Dual Credit courses for students enrolled in the Cohort or the Collegiate Studies Academy. Classes fulfill course requirements for the multi-disciplinary endorsement as well as a foundation for earning an Associate Degree

Dual Credit EDUC 1300: Learning Frameworks SS3330 Grade: 11-12 Credit: .5 Course Type: AP/DC/DE Prerequisite: College acceptance	EDUC 1300: A study of the: research and theory in the psychology of learning, cognition, and motivation; factors that impact learning, and application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned. • 3 college credit hours • College acceptance and registration required • This is a one-semester course • Celina Cohort/Collegiate Studies Academy Only
Dual Credit Art Appreciation: ARTS 1301 E13000 Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: College acceptance	ARTS 1301: A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical context. Prerequisite: • 3 college credit hours • College acceptance and registration required • This is a one-semester course • Does not count for a High School fine art credit • Celina Cohort/Collegiate Studies Academy Only Recommended Corequisite: Dual Credit Intro to Speech for the alternate semester.
Dual Credit Biology for Science Majors I: BIOL 1406 SC130A Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: College Acceptance Corequisite: BIOL 1407	BIOL 1406: Lecture: Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included. Lab: Laboratory activities will reinforce the fundamental principles of living organisms, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the concepts of cytology, reproduction, genetics, and scientific reasoning are included. This course includes a **required** lab and is taught at Collin College in Celina. • 4 college credit hours • Offered only for Celina Cohort and Collegiate Studies Academy Students • College acceptance and registration required

Dual Credit Biology for Science Majors II: BIOL 1407 SC130B Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: College Acceptance Corequisite: BIOL 1406	BIOL 1407: Lecture: The diversity and classification of life will be studied, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. Lab: Laboratory activities will reinforce study of the diversity and classifications of life, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. This course includes a **required** lab and is taught at Collin College in Celina. • 4 college credit hours • Offered only for Celina Cohort and Collegiate Studies Academy Students • College acceptance and registration required
Dual Credit Money Matters: BUSI 1307 MMDC1 Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: College acceptance	BUSI 1307: Personal and family accounts, budgets and budgetary control, bank accounts, charge accounts, borrowing, investing, insurance, standards of living, renting or home ownership, and wills and trust plans. • 3 college credit hours. • College acceptance and registration required. • Celina Cohort/Collegiate Studies Academy Only **Students who take DC Money Matters will be ineligible for on campus Money Matters.**
Dual Credit Precalculus: MATH 2412 MA4225 Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: College acceptance	MATH 2412: In-depth combined study of algebra, trigonometry, and other topics for calculus readiness. Graphing calculator required. • 4 college credit hours. • College acceptance and registration required. • Celina Cohort/Collegiate Studies Academy Only • *May be web-based
Dual Credit Psychology: PSYC 2301 DCPSYC Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: College acceptance	PSYC 2301: General Psychology is a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes. • 3 college credit hours. • College acceptance and registration required. • Celina Cohort/Collegiate Studies Academy Only

Dual Credit SPCH 1311: Introduction to Speech Communication EN5025 Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: College acceptance	SPCH 1311: Introduces basic human communication principles and theories embedded in a variety of contexts including interpersonal, small group, and public speaking. • 3 college credit hours • College acceptance and registration required • This is a one-semester course • Celina Cohort/Collegiate Studies Academy Only
Dual Credit Texas Government: GOVT 2306 SS4330 Grade: 11-12 Credit: 0.5 Course Type: AP/DC/DE Prerequisite: College acceptance	GOVT 2306: Origin and development of the Texas Constitution, structure and powers of the state and local government, federalism and intergovernmental relations, political participation, the election process, public policy and the political culture of Texas. *Please note that this is a one semester course.* • 3 college credit hours. • College acceptance and registration required. • Celina Cohort/Collegiate Studies Academy Only
Dual Credit World Civilizations: HIST 2321 SS225A Grade: 10 Credit: 0.5 per course Course Type: AP/DC/DE Prerequisite: College Acceptance	HIST 2321 is a survey of the social, political, economic, cultural, religious, and intellectual history of the world from the emergence of human cultures through the 15th century. The course examines major cultural regions of the world in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include the emergence of early societies, the rise of civilizations, the development of political and legal systems, religion and philosophy, economic systems and trans-regional networks of exchange. The course emphasizes the development , interaction and impact of global exchange. • 3 college credit hours. • College application and acceptance required • Collegiate Studies Academy students only • Counts as a World History credit
Dual Credit World Civilizations: HIST 2322 SS225B Grade: 10 Credit: 0.5 per course Course Type: AP/DC/DE Prerequisite: College Acceptance	HIST 2322 is a survey of the social, political, economic, cultural, religious, and intellectual history of the world from the 15th century to the present. The course examines major cultural regions of the world in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include maritime exploration and transoceanic empires, nation/state formation and industrialization, imperialism, global conflicts and resolutions, and global economic integration. The course emphasizes the development, interaction and impact of global exchange. • 3 college credit hours. • College application and acceptance required • Collegiate Studies Academy students only • Counts as a World History credit

CAREER & TECHNICAL EDUCATION

PROSPER INDEPENDENT SCHOOL DISTRICT

Mission & Purpose of Career and Technical Education

The mission of Prosper ISD's Career and Technical Education (CTE) is to provide students meaningful experiences in their program of study, provide a challenging academic and technical program, and give the tools necessary to compete in a global workforce and postsecondary education.

Career & Technical Education Programs

Prosper ISD houses CTE courses in all middle school and high school campuses. Students will remain on their home campus for all coursework with the exception of a few courses designated at specific campuses.

Prosper ISD CTE allows students to explore postsecondary and career options with an industry-standard learning experience. Students are able to pursue an interest rather than make a lifelong commitment. This allows an opportunity for students to choose courses that truly interest them, providing a meaningful connection to the curriculum and school. Due to limitations in some field site placements and the competitive nature of the programs, completing the prerequisites does not guarantee a position in some of the CTE Courses offered.

Programs may have fees associated with them for lab materials, supplies, student organization costs, industry-standard or professional certification examinations, and uniforms or standard dress requirements.

For more information, visit the Prosper ISD CTE website at
https://www.prosper-isd.net/o/pisd/page/career-and-technical-education

Public Notification of Nondiscrimination in Career and Technical Education Programs

Prosper ISD offers Career and Technical Education Programs in Agriculture, Food & Natural Resources, Architecture, Arts, A/V Technology & Communications, Business Management & Administration, Education & Training, Engineering, Finance, Health Science, Hospitality & Tourism, Human Services, Information Technology, Law, Public Safety, Corrections & Security, Manufacturing, Marketing, and Transportation, Distribution & Logistics. Admission to these programs is based on interest and aptitude, age appropriateness, and class space available.

It is the policy of the Prosper Independent School District not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices and/or its career and technical education programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

The Prosper Independent School District will take steps to ensure that lack of English language skills will not be a barrier to admission and participation in all educational and career and technical education programs. The Prosper Independent School District offers a free and appropriate education to eligible students.

For information about your rights or grievance procedures, contact the Title IX Coordinator, Justin Goldsmith, at (945. 678-0000)

Collin College CTE Courses Requiring Application and Acceptance to Collin College		
Health Science Theory and Clinical (CNA) - Certified Nurse Assistant*	Health Science Theory and Clinical (EKG) - Electrocardiography*	Practicum in Health Science - Rehab Aide*
Practicum in Health Science - Medical Scribe	Practicum in Health Science (PCT) - Patient Care Technician*	Emergency Medical Technician (EMT)*
CTE Articulated Credit/Dual Enrollment/Dual Credit Courses		
AC/DC Electronics *(Articulated with Dallas College)*	Advanced Animal Science *(Dual Enrollment with Tarleton)*	Advance Plant and Soil Science *(Dual Enrollment with Tarleton)*
Anatomy and Physiology *(Dual Enrollment with Tarleton)*	Career and Technical Education Capstone - Electrical Engineering *(Articulated with Dallas College)*	Digital Electronics *(Articulated with Dallas College)*
Digital Forensics *(Dual Credit with Collin College)*	Health Science Theory *(Articulated with Collin College)*	Independent Study in Technology *(Dual Credit with Collin College)*
Instructional Practices I *(Dual Enrollment with Tarleton)*	Internetworking *(Dual Credit with Collin College)*	Medical Terminology *(Dual Credit with Collin College)*
Networking *(Dual Credit with Collin College)*	Pathophysiology *(Dual Credit with Collin College)*	Practicum in Information Technology-Cybersecurity *(Dual Credit with Collin College)*
Principles of Manufacturing *(Articulated with Dallas College)*	Solid State Electronics *(Articulated with Dallas College)*	

CTE Courses that Earn Science Credit	CTE Courses that Earn Math Credit
Advanced Animal Science	Accounting II
Advanced Plant and Soil Science	AP Computer Science A
Anatomy and Physiology	Digital Electronics
Biotechnology	Robotics II
Engineering Design & Problem Solving	**CTE Courses that Earn Fine Arts Credit**
Engineering Science	3D Modeling & Animation
Forensic Science	Floral Design
Pathophysiology	Introduction to Communication Arts and Media

CTE Courses that Earn LOTE Credit		
Computer Science I	Computer Science II	Computer Science III
AP Computer Science Principles	AP Computer Science A	

Courses Requiring a Program Qualification Form The following course(s) will need a CTE Program Qualification form submitted.		
CTE Practicum	Instructional Practices	PCIS 1 & PCIS II
Practicum in Audio/Video Production	Practicum in Education	Practicum in Public Service
Practicum in Veterinary Science	Yearbook I & Yearbook II	Yearbook Capstone

Prosper ISD Career & Technical Student Organizations (CTSOs)

Career and Technical Student Organizations (CTSOs) are designed as **co-curricular extensions** of Career and Technical Education (CTE) programs, not as standalone extracurricular activities. The organizations exist to reinforce and apply the technical skills, knowledge, and competencies taught in CTE courses. Without enrollment in the related coursework, students may lack the foundational knowledge necessary to meaningfully participate in competitive events, leadership activities, and career-focused projects. Participation in a CTSO **requires** annual enrollment in a CTE course in a qualifying program of study. Students not enrolled in a qualifying course are not eligible for participation in the organization in any manner. Those interested in participating in a CTSO should review the CTE section of the course guide as CTSO participation is indicated within the qualifying programs of study.

Prosper ISD Career & Technical Education (CTE) Program Qualification Form

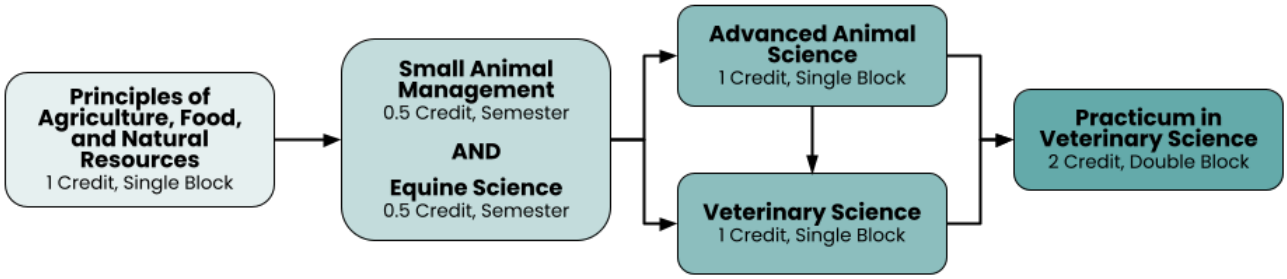
This form is required for all practicum, work-based learning courses, and some courses that require time outside of the classroom offered at Prosper ISD CTE. Most of these courses require complete prerequisite courses. Students are responsible for any prerequisite courses in their chosen program of study. The PISD High School course catalog contains information about grade level, credits, course descriptions, prerequisite courses, and if the course has fees associated for certifications, materials, and supplies. Because of site limitations and program seat availability, simply selecting the course and filling out the form does not guarantee actual enrollment in the desired course(s) for the upcoming school year. This form must be completed in entirety.

To access the CTE Program Qualification form, please click visit https://bit.ly/CTEQUAL, if applicable.

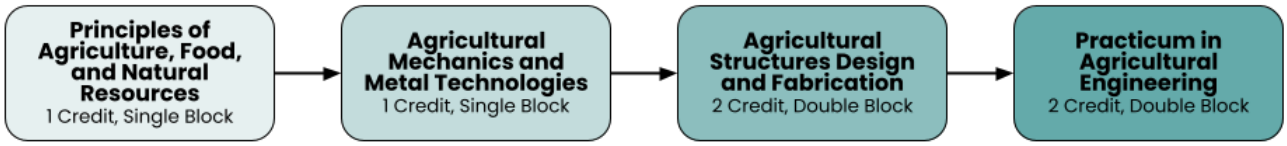
*__NOTE:__ TEA assigns levels to all CTE courses. While Level 3 and Level 4 courses are designated as "advanced courses" for completer status and endorsements, the course level is not indicative of the grade level in which it should be taken or the weight that is used when calculating GPA. Each CTE course will have an indicated level, but also will have the designated course weight and grade levels indicated as well.

Agriculture, Food, and Natural Resources

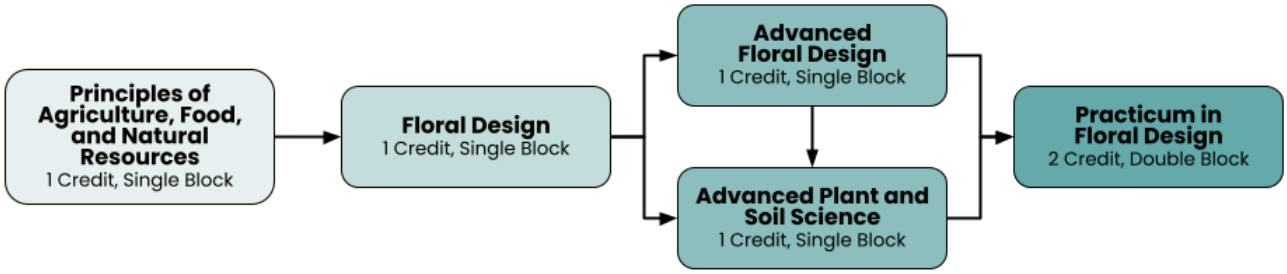
Animal Science: The Animal Science program of study focuses on the science, research, and business of animals and other living organisms. It teaches learners how to apply biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm, or any outdoor area harboring animal life. **This program qualifies for participation in the following organization: FFA**



Agricultural and Technology Mechanical Systems: The Agricultural Technology and Mechanical Systems program of study explores the occupations and educational opportunities associated with applying knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing agricultural products. This program of study may also include exploration into diagnosing, repairing, or overhauling farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems. **This program qualifies for participation in the following organization: FFA**



Plant Science: The Plant Science program of study focuses on the science, research, and business of plants and other living organisms. It teaches students how to apply biology and life science to real-world life processes of plants and vegetation, either in laboratories or in the field. **This program qualifies for participation in the following organization: FFA**



Animal Science

Business & Industry Endorsement

Principles of Agriculture, Food, and Natural Resources PRAFNA/B Grade: 9-12 Credit: 1 Level 1 Course Type: On-Level	Develop knowledge and skills of the agricultural industry as it relates to plant and animal systems, food production, mechanical systems, entrepreneurship, leadership, and environmental sciences. To prepare for careers in agriculture, food, and natural resources, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. **Prerequisite:** None
Small Animal Management SMANM Grade: 10-12 Credit: 0.5 Credit Level 2 Course Type: On-Level	In Small Animal Management, students acquire knowledge and skills related to the small animal management industry. Small Animal Management may address topics related to small animals such as dogs and cats, rabbits, pocket pets, amphibians, reptiles, and birds. **Recommended Prerequisite:** Principles of Agriculture, Food and Natural Resources
Equine Science EQUIS Grade: 10-12 Credit: 0.5 Credit Level 2 Course Type: On-Level	In Equine Science, students acquire knowledge and skills related to the equine industry. Equine Science may address topics related to horses, donkeys, and mules. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to equine systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. **Recommended Prerequisite:** Principles of Agriculture, Food and Natural Resources
Veterinary Science* VETMDA/B Grade: 11-12 Credit: 1 Level 4 Course Type: On-Level	Veterinary Science covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic knowledge and skills, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. **Prerequisite:** Small Animal Management **AND** Equine Science
Advanced Animal Science* ADANSA/B Grade: 11-12 Credit: 1 Level 4 Course Type: AP/DC/DE **Dual Enrollment Option**	The scientific study of animal agriculture involving beef cattle, dairy cattle, swine, sheep, goats, and horses. Topics include general management practices, reproduction, nutrition, health, handling, genetic selection, shelter/housing, and marketing strategies and procedures. **This course satisfies a high school science graduation requirement.** *****This course is offered as a Dual Enrollment course through Tarleton State. Students can opt in or out of 3 hours of college credit. Students opting into the college credit will be responsible for the cost of tuition. Students on free and reduced status will have no cost.***** **Prerequisite:** Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; **AND** Small Animal Management or Equine Science **Recommended Prerequisite:** Veterinary Science
Practicum in Veterinary Science* HPAVMA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This is an internship-based course that follows the coherent sequence of veterinary medical applications courses. Practicum experiences give students a supervised application. **Prerequisite:** Veterinary Science **AND** Program Qualification Form **Certification:** Certified Veterinary Assistant

Agricultural and Technology Mechanical Systems

Business & Industry Endorsement

Principles of Agriculture, Food, and Natural Resources PRAFNA/B Grade: 9-12 Credit: 1 Level 1 Course Type: On-Level	Develop knowledge and skills of the agricultural industry as it relates to plant and animal systems, food production, mechanical systems, entrepreneurship, leadership, and environmental sciences. To prepare for careers in agriculture, food, and natural resources, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. **Prerequisite:** None
Agricultural Mechanics and Metal Technologies AGMMTA/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	This course prepares students for careers in agriculture power, structural, and technical systems by developing skills and understanding as it relates to safety in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal techniques/welding. **Recommended Prerequisite:** Principles of Agriculture, Food and Natural Resources **Certification:** AWS D1.1 & D9.1- 2F Stick
Agricultural Structures Design and Fabrication* AGSTDA/B Grade: 11-12 Credit: 2 (Double Block) Level 3 Course Type: On-Level	This course prepares students for careers in mechanized agriculture and technical systems by developing knowledge and skills related to agricultural facilities design and fabrication. **Prerequisite:** Agriculture Mechanics and Metal Technologies **Certification:** AWS D1.1 & D9.1 - 2F MIG
Practicum in Agricultural Engineering* HPAAGA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This is a capstone experience for students participating in a coherent sequence of courses in Agricultural Mechanics. Practicum experiences are designed to give students supervised practical application appropriate to the level and nature of skills acquired in their chosen sequence. **Prerequisite:** Agricultural Structures Design and Fabrication **Certification:** AWS D1.1 & D9.1 - 4F MIG/Stick

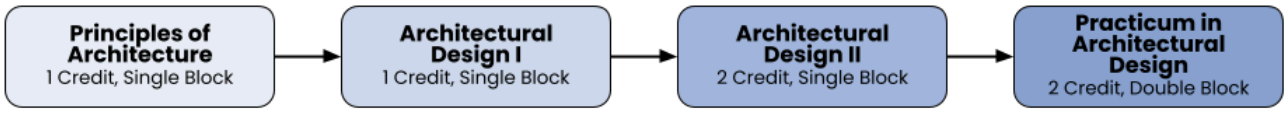
Plant Science

Business & Industry Endorsement

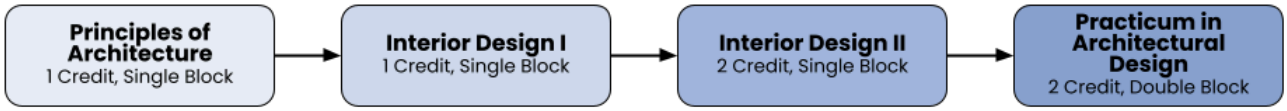
Principles of Agriculture, Food, and Natural Resources PRAFNA/B Grade: 9-12 Credit: 1 Level 1 Course Type: On-Level	Develop knowledge and skills of the agricultural industry as it relates to plant and animal systems, food production, mechanical systems, entrepreneurship, leadership, and environmental sciences. To prepare for careers in agriculture, food, and natural resources, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. **Prerequisite:** None
Floral Design* FLORDA/B Grade: 10-12 Credit: 1 Level 3 Course Type: On-Level	Floral Design is designed to develop students' ability to identify and demonstrate the elements and principles of floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions of and appreciation for the contributions of diverse cultures. Students respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. **This course satisfies a high school fine arts graduation requirement.** **See the course fee section of the guide for costs associated with this course.** **Recommended Prerequisite:** Principles of Agriculture, Food and Natural Resources **Certification:** Texas State Florist's Association Knowledge Based Certification
Advanced Floral Design* ADFLDA/B Grade: 11-12 Credit: 1 Level 4 Course Type: On-Level	In Advanced Floral Design, students gain advanced knowledge and skills specifically needed to enter the workforce as floral designers or as freelance floral event designers, with an emphasis on specialty designs and occasion-specific designs and planning. Students are also prepared to enter postsecondary certification or degree programs in floral design or special events design. Students build on the knowledge base from Floral Design and are introduced to more advanced floral design concepts. In addition, students gain knowledge of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of an occasion or event. **See the course fee section of the guide for costs associated with this course.** **Prerequisite:** Floral Design
Advanced Plant and Soil Science* AGPSSA/B Grade: 11-12 Credit: 1 Level 4 Course Type: AP/DC/DE **Dual Enrollment Option**	This course introduces students to plant and soil science and the horticulture industry, exploring how these fields have shaped a vast body of scientific knowledge and serve as the foundation for many other sciences. Students study plant classification and structure, plant propagation, greenhouse construction and management, and the production of orchard and vegetable crops. Students will build academic knowledge and technical skills related to plant and soil science and the workplace, while examining career opportunities, entry requirements, and industry expectations to prepare for further study and careers in horticulture and related fields. **This course satisfies a high school science graduation requirement.** ***This course is offered as a Dual Enrollment course through Tarleton State. Students can opt in or out of 3 hours of college credit. Students opting into the college credit will be responsible for the cost of tuition. Students on free and reduced status will have no cost.*** **Prerequisite:** Biology; either Chemistry or Integrated Physics and Chemistry (IPC); Algebra I; Geometry; **AND** Floral Design. **Certification:** BASF Plant Science
Practicum in Floral Design* HPAHFA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This is a capstone experience for students participating in a coherent sequence of courses in Horticulture and Floral Design. Practicum experiences are designed to give students supervised practical application appropriate to the level and nature of skills acquired in their chosen sequence. **See the course fee section of the guide for costs associated with this course.** **Prerequisite:** Advanced Floral Design **OR** Advanced Plant and Soil Science

Architecture and Construction

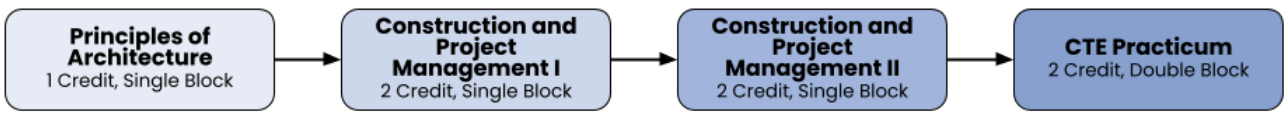
Architectural Design Track: The Architectural Design program of study explores the occupations and educational opportunities associated with developing, engineering, and designing building structures and facilities. This program of study may also include reading, interpreting, and drawing blueprints for exterior and interior construction projects. **This program qualifies for participation in the following organization: SkillsUSA**



Interior Design Track: The Interior Design track explores the occupations and educational opportunities associated with developing, engineering, and designing building structures and facilities. This program of study may also include reading, interpreting, and drawing blueprints for interior design construction projects. **This program qualifies for participation in the following organization: SkillsUSA**



Construction and Project Management Track: The Construction and Project Management program of study explores the occupations and educational opportunities related to constructing, installing, or repairing structures and fixtures made of wood, such as concrete forms (including frameworks, partitions, joists, studding, rafters, and stairways). This program of study may also include exploration into installing, dismantling, or moving machinery and heavy equipment according to layout plans, blueprints, or other drawings. **This program qualifies for participation in the following organization: SkillsUSA**



Architectural Design Track

Business & Industry Endorsement

Principles of Architecture PRARCA/B Grade: 9-11 Credit: 1 Level 1 Course Type: On-Level	Principles of Architecture provides an overview of the various fields of architecture, interior design, and construction and project management. Classroom studies include topics such as safety, work ethics, communication, information technology applications, systems, health, environment, leadership, teamwork, ethical and legal responsibility, employability, and career development and include skills such as problem solving, critical thinking, and reading technical drawings. **Prerequisite:** None
Architectural Design I ARDN1A/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	In Architectural Design I, students will gain knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design I includes the knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes. **Prerequisite:** Principles of Architecture, Algebra I **AND** English I **Recommended Prerequisite:** Geometry **Certification:** Autodesk Certified User in Revit Architecture
Architectural Design II* ARDN2A/B Grade: 11-12 Credit: 2 (Single Block) Level 3 Course Type: On-Level	In Architectural Design II, students will gain advanced knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design II includes the advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes. **Prerequisite:** Architectural Design I
Practicum in Architectural Design* HPARDA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	Students will continue to gain knowledge and skills in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. **Prerequisites:** Architectural Design II **OR** Interior Design II

Interior Design Track

Business & Industry Endorsement

Principles of Architecture PRARCA/B Grade: 9-11 Credit: 1 Level 1 Course Type: On-Level	Principles of Architecture provides an overview of the various fields of architecture, interior design, and construction and project management. Classroom studies include topics such as safety, work ethics, communication, information technology applications, systems, health, environment, leadership, teamwork, ethical and legal responsibility, employability, and career development and include skills such as problem solving, critical thinking, and reading technical drawings. **Prerequisite:** None
Interior Design I INTDEA/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	Interior Design I is a technical course that addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, promote sustainability, and compete in industry. Not offered at all campuses, transportation provided. **Prerequisites:** Principles of Architecture, Algebra I, **AND** English I **Certification:** Autodesk Certified User in Revit Architecture
Interior Design II* INTD2A/B Grade: 11-12 Credit: 2 (Single Block) Level 3 Course Type: On-Level	Interior Design II is a technical laboratory course that includes the application of the employability characteristics, principles, processes, technologies, communication, tools, equipment, and materials related to interior design to meet industry standards. **Prerequisites:** Interior Design I, English II, **AND** Geometry
Practicum in Architectural Design* HPARDA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	Students will continue to gain knowledge and skills in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. **Prerequisites:** Architectural Design II **OR** Interior Design II

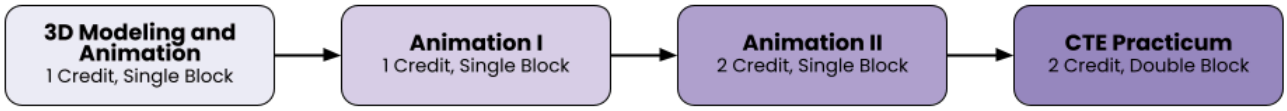
Construction and Project Management Track

Business & Industry Endorsement

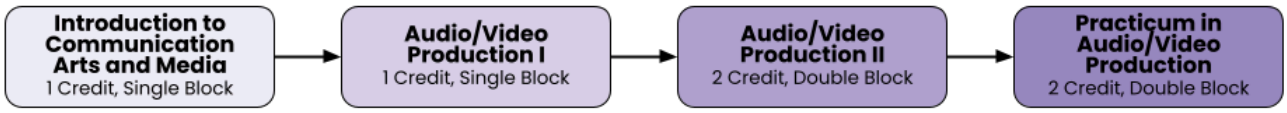
Principles of Architecture PRARCA/B Grade: 9-11 Credit: 1 Level 1 Course Type: On-Level	Principles of Architecture provides an overview of the various fields of architecture, interior design, and construction and project management. Classroom studies include topics such as safety, work ethics, communication, information technology applications, systems, health, environment, leadership, teamwork, ethical and legal responsibility, employability, and career development and include skills such as problem solving, critical thinking, and reading technical drawings. **Prerequisite:** None
Construction and Project Management I CONSTA/B Grade: 10-12 Credit: 2 (Single Block) Level 2 Course Type: On-Level	**HOUSED AT WALNUT GROVE HIGH SCHOOL** In Construction and Project Management I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. Offered on the Walnut Grove campus. **Prerequisite:** Principles of Architecture, Principles of Applied Engineering, Engineering Design and Presentation I, Architectural Design I, **OR** Interior Design I **Certification:** NCCER Core
Construction and Project Management II* CNST2A/B Grade: 11-12 Credit: 2 (Single Block) Level 3 Course Type: On-Level	**HOUSED AT WALNUT GROVE HIGH SCHOOL** In Construction and Project Management II, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction and Project Management II, and are introduced to exterior and interior finish out skills. Offered on the Walnut Grove campus. **Prerequisite:** Construction Technology I
CTE Practicum* PRENTA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This capstone course allows students to utilize the knowledge and skill gained in prerequisite courses in an industry relevant manner. Students will dive deeper into previously explored content through a variety of instructional methods, projects, and experiences. Through the practicum course, work-based learning, industry ready standards, and entrepreneurial avenues will all be investigated and applied. **Prerequisites:** Construction Technology II **AND** Program Qualification Form

Arts, Audio Visual Technology and Communications

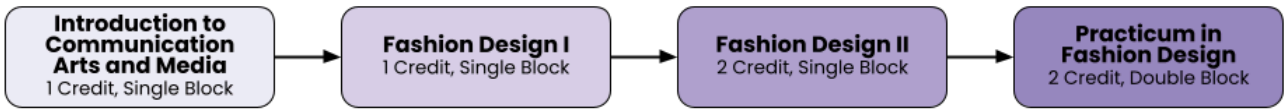
Animation Track: The Animation track focuses on occupational and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. The program of study includes designing clothing and accessories and creating special effects, animation, or other visual images using film, video, computers, or other electronic tools and media for use in computer games, movies, music videos, and commercials.



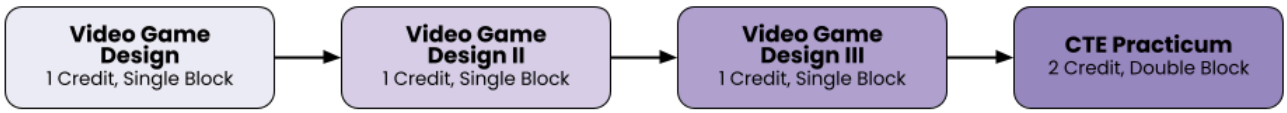
Audio/Video Production Track: The Audio/Video Production track explores the occupations and educational opportunities associated with the production of audio and visual media formats for various purposes, such as film and television shows, advertising, video production, motion pictures, news broadcasts and radio broadcasting. This track includes exploration into operating machines and equipment to record, mix and distribute sound and images, such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment.



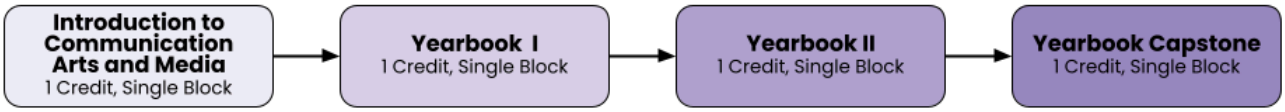
Fashion Design Track: The Fashion Design track focuses on the occupational and educational opportunities within the world of fashion, emphasizing the skills needed to design clothing, accessories, and visual presentations for commercial purposes. This pathway explores the creative and technical aspects of fashion, including garment construction, textile selection, trend forecasting, and visual merchandising. This pathway prepares students for roles in fashion design, marketing, and production, as well as for further studies in fashion-related fields. **This program qualifies for participation in the following organization: Family, Career, and Community Leaders of America (FCCLA)**



Video Game Design Track: The Video Game Design Track prepares students for careers in the interactive media and entertainment technology industry. Students progress from foundational visual design, animation, and storytelling skills to applied programming and game logic, culminating in advanced, project-based development that mirrors real-world production pipelines. Throughout the track, students build a portfolio demonstrating both artistic and technical proficiency, preparing them for roles in game design, software development, animation, and digital media production.



Yearbook Track: The Yearbook track focuses on occupational and educational opportunities associated with designing or creating graphics to meet specific commercial or production needs, such as packaging, displays, or logos. The Yearbook track provides students with a comprehensive understanding of multimedia design and production related to publishing a yearbook. Students will use design principles to create visually appealing layouts for print and digital media, including production of the yearbook; develop photography skills, including capturing images that tell stories; and gain practical experience in news gathering, writing, and editing.



Animation Track

Business & Industry Endorsement

3D Modeling and Animation* T9704A/B Grade: 9-12 Credit: 1 Level 3 Course Type: On-Level	This course consists of computer images created in a virtual three-dimensional (3D) environment. Applications in careers, including criminal justice, crime scene and legal applications; construction and architecture; engineering and design; and the movie and game industries will be explored. Students in this course will produce various 3D models of real-world objects using software such as Maxon Cinema 4D and Blender. **This course satisfies the fine arts graduation requirement.** **Prerequisite:** None **Certification:** Adobe Photoshop
Animation I ANIM1A/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success, students will be expected to develop an understanding of the history and techniques of the animation industry. **Prerequisite:** 3D Modeling and Animation
Animation II* HANI2A/B Grade: 11-12 Credit: 2 (Single Block) Level 3 Course Type: Honors	Careers in animation span all aspects of motion graphics. Within this context, in addition to developing advanced knowledge and skills needed for success, students will be expected to create two and three-dimensional animations using software such as Cinema 4D, Blender, and AutoDesk products. The instruction also assists students seeking careers in the animation industry. **Prerequisite:** Animation I
CTE Practicum* PRENTA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This capstone course allows students to utilize the knowledge and skill gained in prerequisite courses in an industry relevant manner. Students will dive deeper into previously explored content through a variety of instructional methods, projects, and experiences. Through the practicum course, work-based learning, industry ready standards, and entrepreneurial avenues will all be investigated and applied. **Prerequisite:** 2 or more courses in the Animation program of study **AND** Program Qualification Form

Audio/Video Production Track

Business & Industry Endorsement

Introduction to Communication Arts and Media* ICAMA/B Grade: 9-12 Credit: 1 Level 3 Course Type: On-Level	This course introduces students to the world of digital media design, focusing on practical applications in journalism, fashion design, broadcast, film, and radio. Through hands-on experience with industry-standard software like Adobe Photoshop, Illustrator, and InDesign, students will learn to create compelling visual content. **Students cannot take ICAM if they have previously completed Digital Arts and Animation. This course satisfies the fine arts graduation requirement.** **Prerequisites:** None **Certification:** Adobe Photoshop
Audio/Video Production I AVPRDA/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	Students will explore visual filmmaking, creative screenwriting, and journalism fundamentals while gaining hands-on experience with industry-standard cameras, editing software, audio equipment, and studio facilities. With a focus on both cinematic storytelling and news reporting, students will produce feature stories, broadcasts, film projects, and multimedia content grounded in school and community events, activities, and people. Students will have the opportunity to work with audio related to radio and television broadcasting, film and video, animation, music production, and live sound. This course will require time outside of school. **Prerequisite:** Introduction to Communication Arts and Media **Certification:** Adobe Premiere Pro
Audio/Video Production II* AVPR2A/B Grade: 11-12 Credit: 2 (Double Block) Level 3 Course Type: On-Level	This course gives students a deeper understanding of careers in film production, radio and television broadcast, journalism, and news industries, with a focus on pre-production, production, and post-production using industry-standard equipment and software. This course will require time outside of school. **Prerequisite:** Audio/Video Production I **Certification:** Adobe After Effects
Practicum in Audio/Video Production* HPCAVA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This course will give students real-world, client-based experience in the broadcast, radio, and filmmaking industries by using industry-standard equipment, methods, and software. This course will require significant time outside of school. **Prerequisite:** Audio/Video Production II **AND** Program Qualification Form

Fashion Design Track

Business & Industry Endorsement

Introduction to Communication Arts and Media* ICAMA/B Grade: 9-12 Credit: 1 Level 3 Course Type: On-Level	This course introduces students to the world of digital media design, focusing on practical applications in journalism, fashion design, broadcast, film, and radio. Through hands-on experience with industry-standard software like Adobe Photoshop, Illustrator, and InDesign, students will learn to create compelling visual content. **Students cannot take ICAM if they have previously completed Digital Arts and Animation. This course satisfies the fine arts graduation requirement.** **Prerequisites:** None **Certification:** Adobe Photoshop
Fashion Design I FASHDA/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	This course is designed to help students understand the fashion industry with an emphasis on design and construction. Students will be required to provide their own sewing supplies. **Prerequisite:** Introduction to Communication Arts and Media
Fashion Design II* FSHD2A/B Grade: 11-12 Credit: 2 (Single Block) Level 3 Course Type: On-Level	This course is intended for those interested in the fields of fashion design, retailing, and visual merchandising to create and construct apparel products. Students will practice skills required for customer service, business profitability, and career success and are responsible for the production of a fashion show. Participation in the fashion show is a required component of this course. Students will be required to provide their own sewing supplies. **Prerequisite:** Fashion Design I
Practicum in Fashion Design* PFASHA/B Grade: 11-12 Credit: 2 (Double Block) Level 4 Course Type: Honors	The Practicum in Fashion Design is the capstone course for students dedicated to advancing their skills in fashion design, garment construction, and fashion business management. Building on skills developed in Fashion Design I and II, students will work independently and in teams to create professional-grade fashion products and showcase collections in a fully produced fashion show. This course emphasizes career readiness by covering advanced techniques in apparel design, fabric manipulation, and fashion marketing, and includes a deep dive into the fashion industry's production and merchandising sectors. Practicum students will collaborate with industry professionals, engage in community and retail partnerships, and manage event coordination for the fashion show. Participation in the fashion show is a required component of this course. Students are required to provide their own sewing supplies. **Prerequisite:** Fashion Design II

Video Game Design Track

Business & Industry Endorsement

Video Game Design VIDGDA/B Grade: 9-12 Credit: 1 Level 1 Course Type: On-Level	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. **Prerequisite:** None
Video Game Design II VIDPGA/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	Video Game Programming expands on the foundation created in Video Game Design through programming languages such as: C# programming, XNA game studio, Java, and Android App. In this course, students will investigate the inner workings of a fully functional video game by building and customizing objects, methods, and scenes while developing games through guided lessons and of their own design. **Prerequisite:** Video Game Design **Certification:** Unity Certified User
Video Game Design III* HADVGA/B Grade: 11-12 Credit: 1 Level 3 Credit Type: Honors	Using industry standard programs for 3D game development, students will have exposure to and an understanding of: object-oriented programming concepts; game development skill and 3D modeling. Students will communicate and collaborate on group-based projects. **Prerequisite:** Video Game Design II
CTE Practicum* PRENTA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This capstone course allows students to utilize the knowledge and skill gained in prerequisite courses in an industry relevant manner. Students will dive deeper into previously explored content through a variety of instructional methods, projects, and experiences. Through the practicum course, work-based learning, industry ready standards, and entrepreneurial avenues will all be investigated and applied. **Prerequisite:** 2 or more courses in the Video Game Design program of study **AND** Program Qualification Form

Yearbook Track

Business & Industry Endorsement

Introduction to Communication Arts and Media* ICAMA/B Grade: 9-12 Credit: 1 Level 3 Course Type: On-Level	This course introduces students to the world of digital media design, focusing on practical applications in journalism, fashion design, broadcast, film, and radio. Through hands-on experience with industry-standard software like Adobe Photoshop, Illustrator, and InDesign, students will learn to create compelling visual content. **Students cannot take ICAM if they have previously completed Digital Arts and Animation. This course satisfies the fine arts graduation requirement.** **Prerequisites:** None **Certification:** Adobe Photoshop
Yearbook I GRDY1A/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	Students will design, produce, exhibit, perform, write, and publish the campus yearbook. Students will be responsible for creating a story budget, making deadlines, and marketing/selling advertising to support the book's publication. Out-of-school time will be required by attending outside of school events and community activities. Summer workshop is highly encouraged and required for editors. **Prerequisite:** Introduction to Communication Arts and Media **AND** Program Qualification Form **Certification:** Adobe InDesign
Yearbook II* GRDY2A/B Grade: 11-12 Credit: 1 Level 3 Course Type: On-Level	Students will design, produce, exhibit, perform, write, and publish the campus yearbook. Students will be responsible for creating a story budget, making deadlines, and marketing and selling advertising to support the book's publication. Out-of-school time will be required by attending outside of school events and community activities. Summer workshop is highly encouraged and required for editors. **Prerequisite:** Yearbook I **AND** Program Qualification Form
Yearbook Capstone YRCAPA/B Grade: 12 Credit: 1 Level 2 Course Type: Honors	This capstone course allows students to utilize the knowledge and skills gained in prerequisite courses in an industry relevant manner. Students will dive deeper into previously explored content through a variety of instructional methods, projects, and experiences. Through the capstone course, work-based learning, industry ready standards, and entrepreneurial avenues will all be investigated and applied. **Prerequisite:** Yearbook II **AND** Program Qualification Form

Modern Media Track

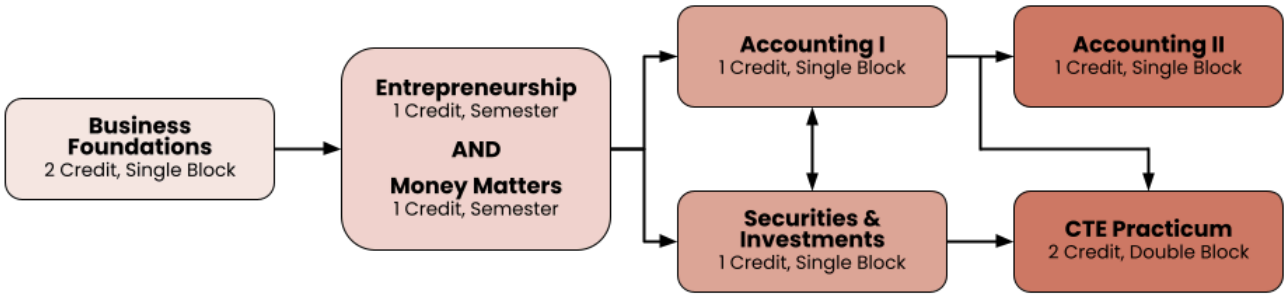
Business & Industry Endorsement

*This program is only offered at Prosper High School

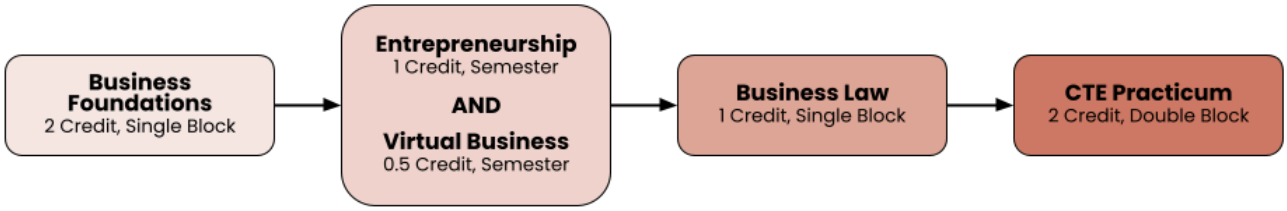
Introduction to Communication Arts and Media* ICAMA/B Grade: 9-12 Credit: 1 Level 3 Course Type: On-Level	This course introduces students to the world of digital media design, focusing on practical applications in journalism, fashion design, broadcast, film, and radio. Through hands-on experience with industry-standard software like Adobe Photoshop, Illustrator, and InDesign, students will learn to create compelling visual content. **Students cannot take ICAM if they have previously completed Digital Arts and Animation. This course satisfies the fine arts graduation requirement.** **Prerequisites:** None **Certification:** Adobe Photoshop
Modern Media I MODM1A/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	Students will gain practical experience in the field of multimedia design and production through hands-on projects and coursework utilizing industry standard software and equipment. Students will use composition and storytelling techniques to produce professional designs and publications within the graphics and illustration field. This course may require hours and participation outside of the school day to capture the subjects desired. **Prerequisite:** Introduction to Communication Arts and Media **Certification:** Adobe InDesign
Modern Media II* MODM2A/B Grade: 11-12 Credit: 1 Level 3 Course Type: On-Level	Students will design, produce, exhibit, and perform various skills while meeting the professional quality standards associated with the industry. Students will explore advanced techniques within industry-standard software to create communications and designs that are engaging and appealing. This course may require hours and participation outside of the school day to capture the subjects desired. **Prerequisite:** Modern Media I
Practicum in Modern Media* PCMMA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This course allows students to utilize the knowledge and skills gained in prerequisite courses in an industry relevant manner. Students will dive deeper into previously explored content through a variety of instructional methods, projects, and experiences. Through the course, work-based learning, industry ready standards, and entrepreneurial avenues will all be investigated and applied to the field of study. **Prerequisite:** Modern Media II

Business, Marketing, and Finance

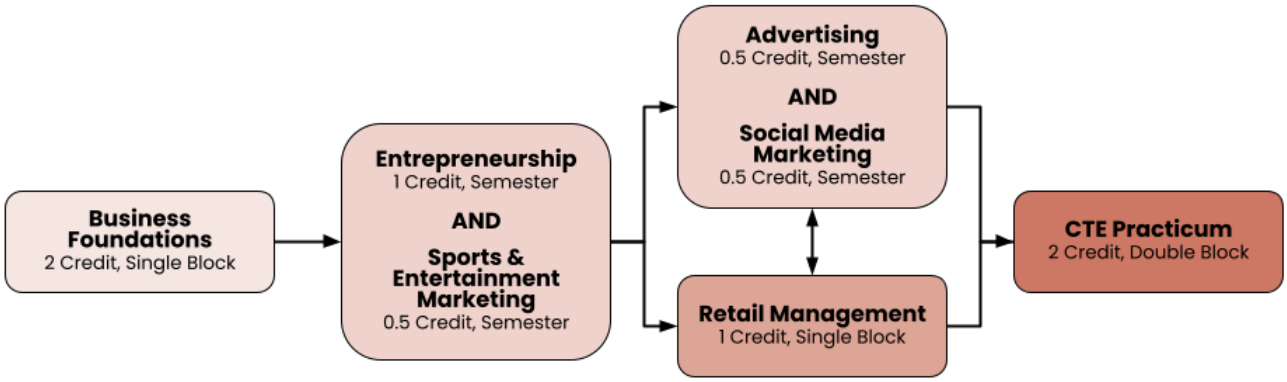
Accounting and Financial Services: The Accounting and Financial Services program of study teaches CTE learners how to examine, analyze, and interpret financial records. Through this program of study, students will learn the skills necessary to perform financial services, prepare financial statements,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



Business Management: The Business Management program of study teaches CTE learners how to plan, direct, and coordinate the administrative services and operations of an organization. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, and allocate the use of materials and human resources. **This program qualifies for participation in the following organization: DECA**



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



Accounting and Financial Services

Business & Industry Endorsement

Business Foundations BFONDA/B **Business Foundations- Hybrid** HBBSFA/B Grade: 9-12 (Hybrid 11-12) Credit: 2 (Single Block) Level 1 Course Type: On-Level	Business Foundations gives students a practical introduction to the business world. Students explore economics, global business, marketing, pricing, and sales while building personal finance skills in banking, credit, and investing. Through real-world projects, students gain hands-on experience with word processing, spreadsheets, databases, and presentation software to prepare for college and career success. **Prerequisite:** None
Entrepreneurship SENTR **Entrepreneurship- Hybrid** HBENTA Grade: 10-12 (Hybrid 11-12) Credit: 1 (Semester) Level 2 Course Type: On-Level	Students gain the knowledge and skills needed to become an entrepreneur. Students will 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, its products and services. In addition, students will understand the capital required, the return on investment desired, and the potential for profit. **Prerequisite:** Business Foundations(beginning w/class of 2031); 1 business course (class of 2027-2030) in the Accounting and Financial Services program of study **Certification:** Entrepreneurship and Small Business
Money Matters MONEYM **Money Matters- Hybrid** HBMMT Grade: 10-12 (Hybrid 11-12) Credit: 1 (Semester) Level 2 Course Type: On-Level	Ready to make your money work for you? Money Matters puts you in charge of your financial future — from your first paycheck to your first apartment, your first credit card to your first investment. You'll build real budgets, practice preparing taxes, compare loans, explore investing, and figure out how to protect what you earn. Along the way, you'll see how the bigger economic picture — interest rates, inflation, the job market — actually affects your wallet. It all comes together in a capstone project: your own personal financial game plan, built to carry with you long after graduation. **Prerequisite:** Business Foundations(beginning w/class of 2031); 1 business course (class of 2027-2030) in the Accounting and Financial Services program of study
Accounting I ACCT1A/B Grade: 11-12 Credit: 1 Level 2 Course Type: AP/DC/DE **Dual Enrollment Option**	Fundamental financial accounting concepts shaped by the U.S. GAAP, IFRS, and broader economic, technological, legal, and ethical factors. Students explore double-entry accounting, the accounting cycle, journal entries, inventory, payroll, and the accounting equation for financial transactions. Through examining assets, liabilities, and equity, students learn to prepare, interpret, and analyze core financial statements—including balance sheets, income statements, statements of cash flows, and statements of shareholders' equity—to communicate an entity's financial position and support business decision-making. ***This course is offered as a Dual Enrollment course through Tarleton State. Students can opt in or out of 3 hours of college credit. Students opting into the college credit will be responsible for the cost of tuition. Students on free and reduced status will have no cost.*** **Prerequisite:** Business Foundations(beginning w/class of 2031); 1 business course (class of 2027-2030) in the Accounting and Financial Services program of study **Recommended Prerequisite:** Algebra I, Money Matters

Securities and Investments* SECINA/B Grade: 11-12 Credit: 1 Level 4 Course Type: On-Level	Students learn about the securities industry by exploring its history, regulations, and inner workings while becoming familiar with the stock market. Students analyze stocks, bonds, mutual funds, and other investment products, and compare tax-advantaged options such as retirement accounts and education savings plans. Using what they learn about risk and return, students build a well-diversified portfolio and decide on the best investing strategies for different financial goals. **Prerequisite:** Business Foundations(beginning w/class of 2031); 1 business course (class of 2027-2030) in the Accounting and Financial Services program of study
Accounting II* HACT2A/B Grade: 11-12 Credit: 1 Level 3 Course Type: Honors	In Accounting II, students investigate accounting's impact from industry standards and economic, financial, technological, international, social, legal, and ethical factors. Students engage in managerial, financial, and operational accounting activities while formulating, interpreting, and communicating financial information for management decision making. Students use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems to maintain, monitor, control, and plan financial resources in real-world situations. **This course satisfies a high school mathematics graduation requirement.** **Prerequisite:** Accounting I **Certification:** VITA Basic
CTE Practicum* PRENTA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This capstone course allows students to utilize the knowledge and skill gained in prerequisite courses in an industry relevant manner. Students will dive deeper into previously explored content through a variety of instructional methods, projects, and experiences. Through the practicum course, work-based learning, industry ready standards, and entrepreneurial avenues will all be investigated and applied. **Prerequisite:** 2 or more courses in the Accounting and Financial Services program of study **AND** Program Qualification Form

Business Management

Business & Industry Endorsement

Business Foundations BFONDA/B Grade: 9-12 Credit: 2 (Single Block) Level 1 Course Type: On-Level	Business Foundations gives students a practical introduction to the business world. Students explore economics, global business, marketing, pricing, and sales while building personal finance skills in banking, credit, and investing. Through real-world projects, students gain hands-on experience with word processing, spreadsheets, databases, and presentation software to prepare for college and career success. **Prerequisite:** None
Entrepreneurship SENTR Grade: 10-12 Credit: 1 (Semester) Level 2 Course Type: On-Level	Students gain the knowledge and skills needed to become an entrepreneur. Students will 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, its products and services. In addition, students will understand the capital required, the return on investment desired, and the potential for profit. **Prerequisite:** Business Foundations(beginning w/class of 2031); 1 business course (class of 2027-2030) in the Business Management program of study **Certification:** Entrepreneurship and Small Business
Virtual Business VRTBUS Grade: 10-12 Credit: 0.5 Level 2 Course Type: On-Level	Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating project-management skills. Students will also demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business. **Prerequisite:** Business Foundations (beginning w/class of 2031); 1 business course (class of 2027-2030) in the Business Management program of study
Business Law* BLAWA/B Grade: 11-12 Credit: 1 Level 3 Course Type: On-Level	When a deal falls apart, who wins - and why? In Business Law, you'll analyze real cases to master the rules behind contracts, property, sales, and negotiable instruments, while exploring employment law, business organizations, and risk management in the real world of business. Whether you're eyeing law, business, or entrepreneurship, this course arms you with the legal know-how to think sharp, argue smart, and negotiate with confidence. **Prerequisite:** Business Foundations (beginning w/class of 2031); 1 business course (class of 2027-2030) in the Business Management program of study
CTE Practicum* PRENTA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This capstone course allows students to utilize the knowledge and skill gained in prerequisite courses in an industry relevant manner. Students will dive deeper into previously explored content through a variety of instructional methods, projects, and experiences. Through the practicum course, work-based learning, industry ready standards, and entrepreneurial avenues will all be investigated and applied. **Prerequisite:** 2 or more courses in the Business Management program of study **AND** Program Qualification Form

Marketing and Sales

Business & Industry Endorsement

Business Foundations BFONDA/B Grade: 9-12 Credit: 2 (Single Block) Level 1 Course Type: On-Level	Business Foundations gives students a practical introduction to the business world. Students explore economics, global business, marketing, pricing, and sales while building personal finance skills in banking, credit, and investing. Through real-world projects, students gain hands-on experience with word processing, spreadsheets, databases, and presentation software to prepare for college and career success. **Prerequisite:** None
Entrepreneurship SENTR Grade: 10-12 Credit: 1 (Semester) Level 2 Course Type: On-Level	Students gain the knowledge and skills needed to become an entrepreneur. Students will 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, its products and services. In addition, students will understand the capital required, the return on investment desired, and the potential for profit. **Prerequisite:** Business Foundations(beginning w/class of 2031); 1 business course (class of 2027-2030) in the Marketing and Sales program of study **Certification:** Entrepreneurship and Small Business
Sports and Entertainment Marketing SPENMK Grade: 10-12 Credit: 0.5 Level 2 Course Type: On-Level	This course takes you behind the scenes of the sports and entertainment industry to discover how teams, artists, and events build their brands and connect with fans. Students explore sponsorships, endorsements, licensing, and branding while designing ticket sales strategies, promotional campaigns, and game-day experiences that keep fans coming back. **Prerequisite:** Business Foundations(beginning w/class of 2031); 1 business course (class of 2027-2030) in the Marketing and Sales program of study
Advertising* ADVSPR Grade: 10-12 Credit: 0.5 Level 3 Course Type: On-Level	In this course, students discover the strategies behind the ads, commercials, and social media campaigns they see every day. Students learn how advertisers target audiences, choose the right mix of print, broadcast, digital, and social media, and handle the ethical and legal issues that shape the industry. **Prerequisite:** Business Foundations(beginning w/class of 2031); 1 business course (class of 2027-2030) in the Marketing and Sales program of study
Social Media Marketing* SOCMEM Grade: 10-12 Credit: 0.5 Level 3 Course Type: On-Level	Go from social media user to social media strategist. Students learn how brands grow audiences across platforms, create content and campaigns, use analytics to measure success, and build a social media marketing plan while exploring the ethics and careers of this fast-growing field. **Prerequisite:** Business Foundations(beginning w/class of 2031); 1 business course (class of 2027-2030) in the Marketing and Sales program of study
Retail Management* RTMANA/B Grade: 11-12 Credit: 1 Level 3 Course Type: On-Level	Retail Management explores how products reach consumers through chain, department, independent, and online stores. Students learn what it takes to run a successful retail business, including promoting merchandise, supervising employees, meeting customer needs, and managing inventory **Prerequisite:** 2 or more courses in the Marketing and Sales program of study
CTE Practicum* PRENTA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This capstone course allows students to utilize the knowledge and skill gained in prerequisite courses in an industry relevant manner. Students will dive deeper into previously explored content through a variety of instructional methods, projects, and experiences. Through the practicum course, work-based learning, industry ready standards, and entrepreneurial avenues will all be investigated and applied. **Prerequisite:** 2 or more courses in the Marketing and Sales program of study **AND** Program Qualification Form

Business - Insurance Management Dual Credit

NOTE: This is an online, asynchronous, self paced program through Collin College. This option will not be calculated in a students' GPA.

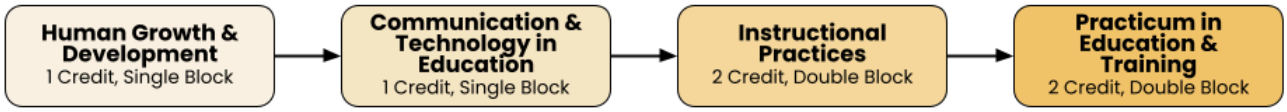
This program DOES NOT qualify for participation in the following organization: DECA

Insurance Management **COURSE KEY** Grade: 12 Credit: 2 Level 3 Course Type: No GPA points awarded Level 1 Certificate	Collin College's Insurance Management degree and certificate program is designed to prepare students for diverse and rewarding careers across the insurance industry. Through industry-aligned coursework, students develop the knowledge and skills needed for roles such as, but not limited to, claims, underwriting, sales, agency operations, and risk management. The curriculum supports students in pursuing professional designations while completing program coursework and provides the foundational knowledge needed to pass the Texas Department of Insurance Licensing Exam. **Important Notes:** Insurance Management in an online experience. Students will enroll in a zero hour section of the course and will work on the course **outside** of the typical school day. No GPA points will be awarded. Enrolled students that are CCMR met may choose to engage in the course during their release periods. **Collin College Dual Credit Courses** First Semester: BUSI 1307 (3 hours) INSUR 1301 (3 hours) INSR 1305 (3 hours) Second Semester: INST 1374 (3 hours) INSR 1345 (3 hours)

Education and Training - Teaching and Training

Public Service Endorsement

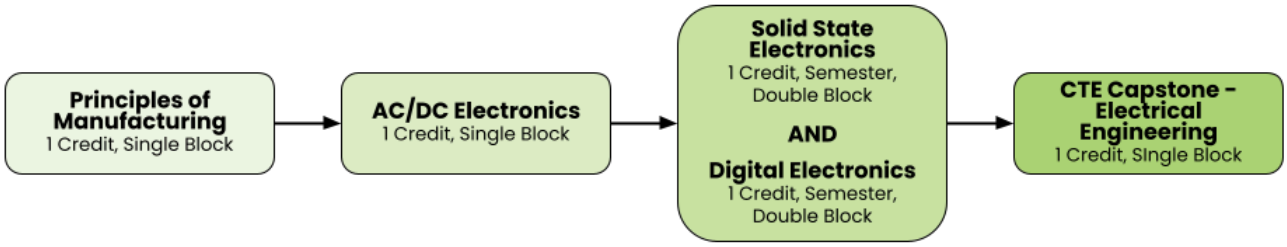
Teaching and Training: The Teaching and Training program of study prepares CTE learners for careers related to teaching, instruction, and creation of instructional and enrichment materials. The program of study introduces CTE learners to a wide variety of student groups and their corresponding needs. It familiarizes them with the processes for developing curriculum, coordinating educational content, and coaching groups and individuals. **This program qualifies for participation in the following organization: Texas Association of Future Educators (TAFE).**



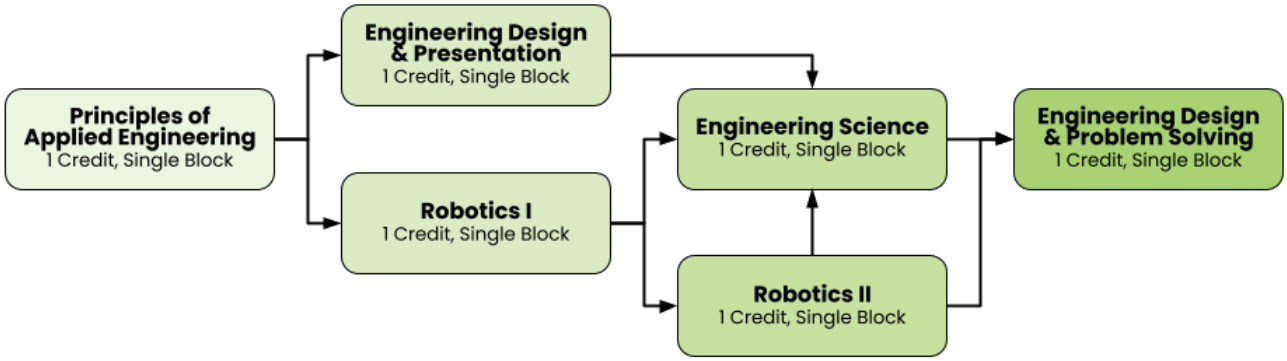
Human Growth and Development HUGRDA/B Grade: 9-12 Credit: 1 Level 2 Course Type: On-Level	Explore how people grow and change from before birth through late adulthood. Students study the research, theories, and milestones of each life stage and learn how to guide and support children and teens. This course covers material taught in an introductory college developmental psychology course and prepares students for careers in education and human services. **Prerequisite:** None
Communication and Technology in Education EDCTA/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	Ever wondered what it actually takes to run a classroom in the digital age? This course puts you behind the scenes of modern teaching - exploring how technology shapes the way students learn, from Kindergarten through 12th grade. You'll dig into the real questions educators face every day: What's the right way to use technology with young learners? What are the legal and ethical lines teachers can't cross? How do you choose tools that actually help students grow, not just distract them? You'll train using standards set by the International Society for Technology in Education (ISTE) while building core skills in planning, managing, and delivering learning support. **Prerequisite:** Human Growth and Development
Instructional Practices* PRED1A/B Grade: 11-12 Credit: 2 (Double Block) Level 3 Course Type: AP/DC/DE **Dual Enrollment Option**	This comprehensive course provides an integrated exploration of the teaching profession, covering educational foundations, teacher roles and responsibilities, classroom culture, and child and adolescent development. Students learn to accommodate diverse learners and special populations through differentiated instruction, classroom technology integration, inclusive teaching strategies, and assessment-driven instructional planning. Learning is applied through P-12 field observations and a practical elementary or middle school internship experience. **Note:** Personal transportation is required for field placements. *****This course is offered as a Dual Enrollment course through Tarleton State. Students can opt in or out of 9 hours of college credit. Students opting into the college credit will be responsible for the cost of tuition. Students on free and reduced status will have no cost.***** **Prerequisite:** Communication and Technology in Education **AND** Program Qualification Form **Certification:** Education Aide I
Practicum in Education and Training* HPRE2A/B Grade: 12 Credit: 2 (Double BLock) Level 4 Course Type: Honors	Students practice planning and directing instruction and complete other responsibilities of classroom teachers. Students work under joint supervision of the high school teacher and elementary or middle school teachers. Personal Transportation Required. **Prerequisite:** Instructional Practices **AND** Program Qualification Form

Engineering

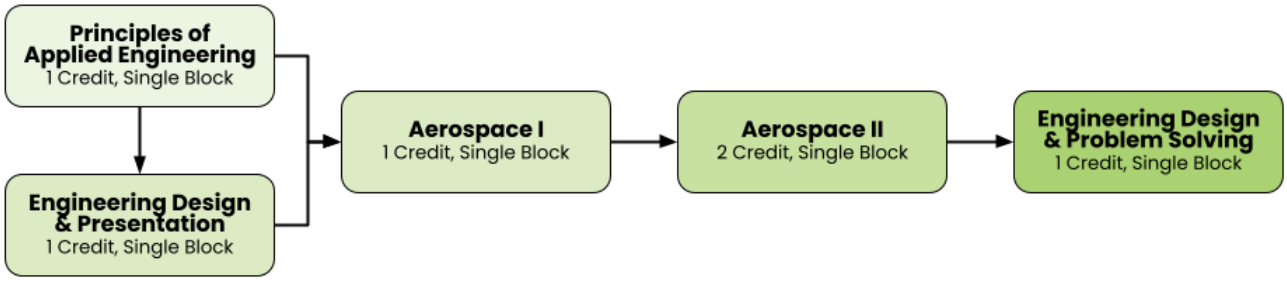
Electrical Engineering (ACADEMY): The Electrical Engineering program of study focuses on the design, development, testing, and supervision of electrical equipment and systems. Students will design, test, and evaluate projects related to electrical motors, radar, navigation systems, and communication systems. This program of study includes applying scientific, mathematical, and empirical evidence to solve problems in electrical systems associated with instruments, facilities, components, and equipment. **This program is located at Richland High School and requires a Request to Enroll form prior to Grade 9 according to district deadlines. This program qualifies for participation in the following organization: SkillsUSA**



Engineering Foundations: The Engineering Foundations program of study focuses on planning, designing, testing, building, and maintaining machines, structures, materials, systems and processes related to the Engineering industry. Students will apply scientific, mathematical, and empirical evidence to solve problems through innovation, design, construction, operation, and maintenance of different engineering systems. **This program qualifies for participation in the following organization: SkillsUSA**



Mechanical and Aerospace Engineering: The Mechanical and Aerospace Engineering program of study focuses on the design, development, maintenance, and testing of engines, machines, and structures related to aircraft and spacecraft. Students will design, test, and evaluate projects related to aerodynamics, structural, and mechanical design. This program of study includes applying scientific, mathematical, and empirical evidence to solve problems related to navigation, mechanics, robotics, propulsion, and combustion. **This program qualifies for participation in the following organization: SkillsUSA**



Electrical Engineering - ACADEMY

Business & Industry or STEM Endorsement

Principles of Manufacturing PMANA/B Grade: 9 Credit: 1 Level 1 Course Type: On-Level	This foundational course equips Electrical Engineering/Electronics Technology students with essential skills for their career path. Students gain hands-on experience in soldering, desoldering, and safe tool use while developing technical mathematics skills, including metric prefixes. The course explores fundamental concepts of mechanisms and electronics, enabling students to design, build, analyze, and document basic manufacturing problems. Students develop technical proficiency, problem-solving abilities, and professional skills necessary for careers as electronic engineers or technicians. **Recommended Prerequisite:** Principles of Applied Engineering (8th grade) **AND** Algebra I
AC/DC Electronics ACDCA/B Grade: 10 Credit: 1 Level 2 Course Type: Honors	This course explores direct and alternating current electronics through hands-on experience with electrical components, test equipment, and circuit construction. Students will solve electrical values, conduct computer simulations, analyze circuit behavior, and document findings in technical reports. Topics include magnetism, sine waves, inductance, capacitance, and frequency filtering for communication circuits. Through rigorous laboratory processes, students develop a comprehensive understanding of electrical circuits for advanced studies and industry applications. **Prerequisite:** Principles of Manufacturing **Certification:** SACA C-200 (Certified Industry 4.0 Automation Systems Specialist I - Electrical Systems 1)
Solid State Electronics* SOLEL Grade: 11 Credit: 1 (Semester, Double Block) Level 3 Course Type: Honors	This advanced course explores solid-state electronics and integrated circuit applications used throughout modern electronics and computer industries. Building on AC/DC Electronics fundamentals, students will master advanced circuit theory, semiconductor devices, and microprocessor applications through project-based learning. Students will design, simulate, troubleshoot, and repair complex electronic systems using precision measurement techniques and industry-standard equipment. The curriculum integrates project management, technical documentation, and prototype development that mirror real-world engineering environments. **Note: This is housed in a one semester (Fall) double block format. MUST be enrolled in Digital Electronics in the same academic year.** **Prerequisite:** AC/DC Electronics, Algebra I, **AND** Geometry
Digital Electronics* DIGEL Grade: 11 Credit: 1 (Semester, Double Block) Level 3 Course Type: Honors	This course explores electronic circuits used to process and control digital signals, the foundation of modern devices such as cellular phones, laptops, and digital cameras. Students will master combinational and sequential logic design, working with logic gates, flip-flops, and state machines to create functional digital systems. The curriculum integrates multiple number systems with hands-on applications using programmable logic devices and circuit design software while applying mathematical process standards to solve real-world engineering problems. The course introduces microcontroller programming and interfacing, exploring how digital devices interact with the real world. **This course satisfies a high school mathematics graduation requirement.** **Note: This is housed in a one semester (Spring) double block format. MUST be enrolled in Solid State in the same academic year.** **Prerequisite:** AC/DC Electronics, Algebra I, **AND** Geometry
CTE Capstone - Electrical Engineering* EECAPA/B Grade: 12 Credit: 1 Level 4 Course Type: Honors	This Career and Technical Education Capstone is the culminating course in the Electrical Engineering program of study, combining dual credit coursework in MFGT 1406 Mechanical Principles in Automated Manufacturing and HYDR 1445 Fluid Power to build students' knowledge of mechanical systems, motion control, and hydraulic/pneumatic components used in automated manufacturing. Students gain hands-on, industry-aligned skills in electromechanical and fluid power systems while earning college credit, preparing them for postsecondary study or careers in engineering, manufacturing, and automation. **Prerequisite:** Solid State Electronics **AND** Digital Electronics

Engineering Foundations

Business & Industry or STEM Endorsement

Principles of Applied Engineering PRAPEA/B Grade: 8-11 Credit: 1 Level 1 Course Type: On-Level	This course develops essential engineering communication and problem-solving skills through hands-on projects and presentations. Students apply the engineering design process to create models, produce technical drawings, and use computer-aided design (CAD) tools with various hardware and software applications. *Strong mathematical skills are necessary; completion of or concurrent enrollment in Algebra I is highly recommended.* Students gain foundational understanding of engineering disciplines to make informed career choices in the field. **Prerequisite:** None
Engineering Design and Presentation* ENDSPA/B Grade: 9-12 Credit: 1 Level 3 Course Type: Honors	Students will demonstrate knowledge and skills of the design process as it applies to engineering fields and project management using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students will explore career opportunities in engineering, technology, and drafting. **Prerequisite:** Algebra I **AND** Principles of Applied Engineering **Certification:** Autodesk Fusion 360
Robotics I RBOT1A/B Grade: 9-12 Credit: 1 Level 2 Course Type: On-Level	Students will transfer academic skills to robotic 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. **Prerequisite:** Principles of Applied Engineering
Engineering Science* PRENGA/B Grade: 10-12 Credit: 1 Level 3 Course Type: Honors	Students will have an opportunity to investigate engineering and high-tech careers. They will employ STEM concepts in the solution of real-world challenge situations. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. **This course satisfies a high school science graduation requirement.** **Prerequisites:** Algebra I, Biology, **AND** either Aerospace I, Engineering Design and Presentation, or Robotics I
Robotics II* ROBO2A/B Grade: 10-12 Credit: 1 Level 3 Course Type: On-Level	Students will transfer academic skills to robotic 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.**This course satisfies a high school science graduation requirement.** **Prerequisite:** Robotics I
Engineering Design and Problem Solving* ESPSA/B Grade: 11-12 Credit: 1 Level 4 Course Type: Honors	This course emphasizes solving problems with real-world application. Students will apply critical-thinking skills to justify a solution from multiple design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to investigate, design, plan, create, and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implications of technological development. **This course satisfies a high school science graduation requirement.** **Prerequisites:** Algebra I, Geometry **AND** 2 Engineering courses

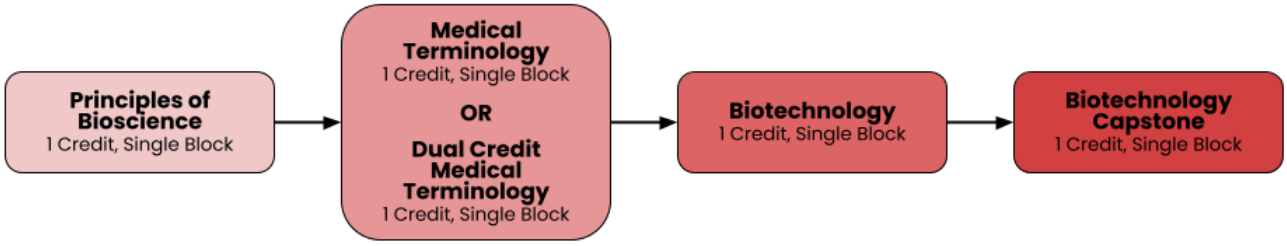
Mechanical and Aerospace Engineering

Business & Industry or STEM Endorsement

Principles of Applied Engineering PRAPEA/B Grade: 8-11 Credit: 1 Level 1 Course Type: On-Level	This course develops essential engineering communication and problem-solving skills through hands-on projects and presentations. Students apply the engineering design process to create models, produce technical drawings, and use computer-aided design (CAD) tools with various hardware and software applications. *Strong mathematical skills are necessary; completion of or concurrent enrollment in Algebra I is highly recommended.* Students gain foundational understanding of engineering disciplines to make informed career choices in the field. **Prerequisite:** None
Engineering Design and Presentation* ENDSPA/B Grade: 9-12 Credit: 1 Level 3 Course Type: Honors	Students will demonstrate knowledge and skills of the design process as it applies to engineering fields and project management using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students will explore career opportunities in engineering, technology, and drafting. **Prerequisite:** Algebra I **AND** Principles of Applied Engineering **Certification:** Autodesk Fusion 360
Aerospace I* ARSP1A/B Grade: 10-12 Credit: 1 Level 3 Course Type: Honors	This course introduces aircraft and aerospace system design through fundamental concepts of atmospheric and space flight. Students explore forces of flight, aerodynamics, propulsion systems, structures, stability and control, and orbital mechanics related to mission requirements. The curriculum covers flight history, aircraft categories, and material selection. Students apply the engineering design process to analyze requirements and develop solutions for flight challenges. Through hands-on projects, students design and test components using industry-standard computational tools while developing project management, teamwork, and documentation skills for postsecondary programs and aerospace careers. **Prerequisite:** Algebra I **AND** Principles of Applied Engineering
Aerospace II* AERO2A/B Grade: 11-12 Credit: 2 (Single Block) Level 4 Course Type: Honors	Aerospace II builds on foundational aerospace concepts through hands-on design, prototyping, and testing of original aircraft solutions. Students translate mission requirements into conceptual designs, applying engineering principles of lift, drag, propulsion, materials, structures, and navigation, while calculating key factors like center of gravity and static stability. Working in teams, students manage projects from planning through closeout, build and iterate on prototypes based on test data, and produce professional documentation including design reviews and a final design report. The course emphasizes real-world engineering practice — critique, collaboration, and communication — culminating in a project debrief that showcases each team's design process and lessons learned. **Prerequisite:** Aerospace I **AND** Geometry
Engineering Design and Problem Solving* ESPSA/B Grade: 11-12 Credit: 1 Level 4 Course Type: Honors	This course emphasizes solving problems with real-world application. Students will apply critical-thinking skills to justify a solution from multiple design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to investigate, design, plan, create, and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implications of technological development. **This course satisfies a high school science graduation requirement.** **Prerequisites:** Algebra I, Geometry **AND** 2 Engineering courses

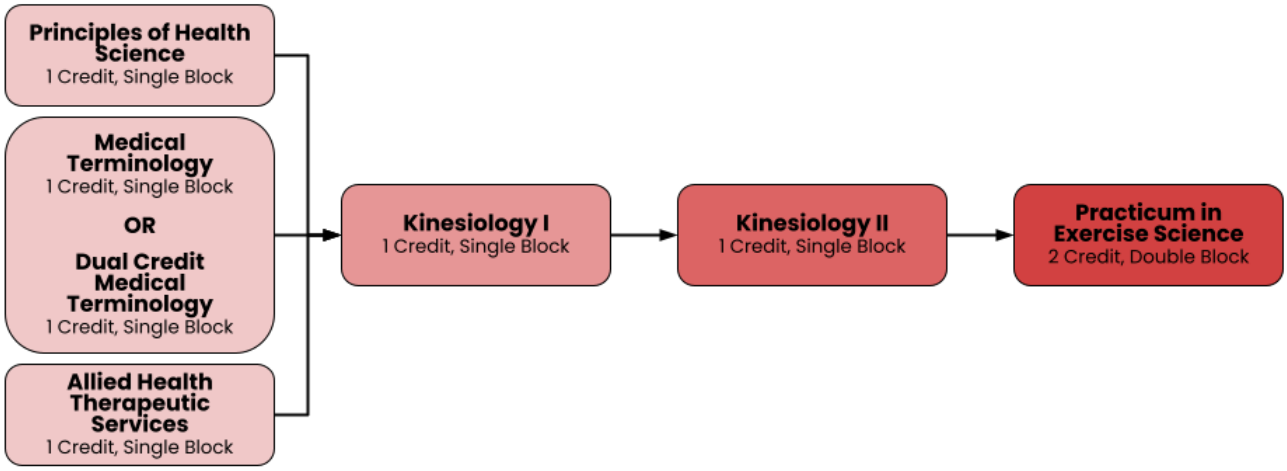
Health Science

Biomedical Science: The Biomedical Science program of study focuses on the study of biology and medicine in order to introduce CTE learners to the knowledge and skills necessary to be successful in the healthcare field, such as researching and diagnosing diseases, pre-existing conditions, or other determinants of health. Students may also practice patient care and communication. **This program qualifies for participation in the following organization: HOSA**

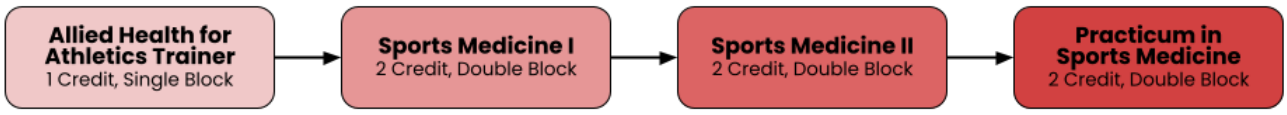


Exercise Science, Wellness, and Restoration: The Exercise Science and Wellness program of study introduces CTE learners to the fields that assist patients with maintaining physical, mental, and emotional health. Students will research diet and exercise needed to maintain a healthy, balanced lifestyle and learn about and practice techniques to help patients recover from injury, illness, or disease. **This program qualifies for participation in the following organization: HOSA**

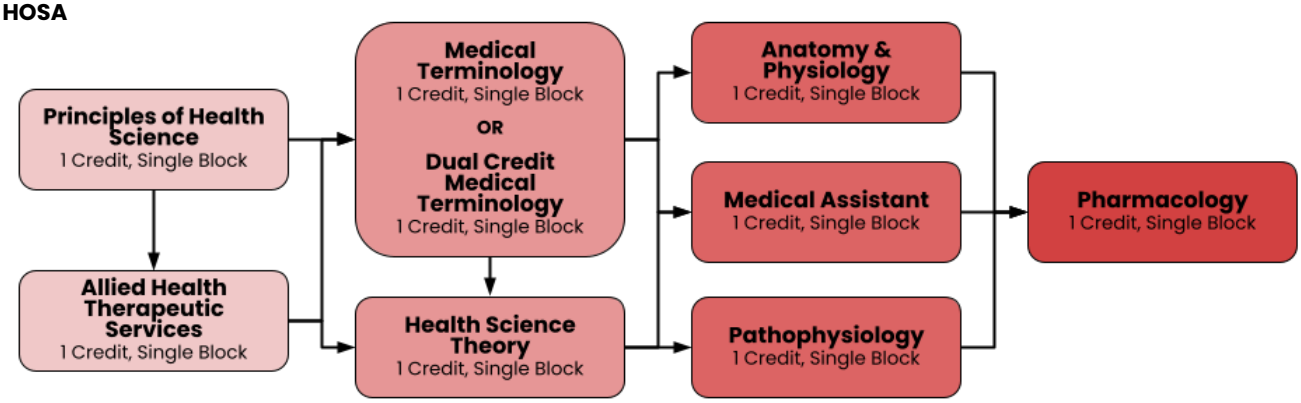
Physical Therapist Track



Athletic Trainer Track



Diagnostic and Therapeutic Services: The Diagnostic and Therapeutic Services program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. **This program qualifies for participation in the following organization: HOSA**



Biomedical Science

Public Service or STEM Endorsement

Principles of Bioscience BIOSCA/B Grade: 9-12 Credit: 1 Level 1 Course Type: On-Level	Principles of Bioscience provides an overview of biotechnology, bioengineering, and related fields. Topics related to genetics, proteins, and nucleic acids reinforce the applications of Biology content. Students will further study the increasingly important agricultural, environmental, economic, and political roles of bioenergy and biological remediation; the roles of nanoscience and nanotechnology in biotechnology medical research; and future trends in biological science and biotechnology. The course ends with your presentation, defense, or showcase of your independent research findings to your classmates, family, friends, and local industry partners. **Prerequisite:** None
Medical Terminology MEDITA/B Grade: 9-12 Credit: 1 Level 2 Course Type: On-Level	Medical Terminology allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. **Students who take Medical Terminology in 9th grade will be ineligible for DC Medical Terminology.** **Prerequisite:** 1 credit from the Health Science career cluster
Dual Credit Medical Terminology MEDTDC PATHOD Grade: 10-12 Credit: 1 Level 2 Course Type: AP/DC/DE	This is the study of medical terms through word origin and structure with an introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties as well as the study of general health management of diseases and injuries across the lifespan. Topics include etiology, symptoms, and the physical and psychological reactions to diseases and injuries. **Prerequisite:** College acceptance and registration required **Collin College D/C Courses:** 1st Semester - HITT 1305 (3 hrs) 2nd semester -HPRS 2301 (3 hrs)
Biotechnology BITECA/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	Students will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques. Students will conduct laboratory and field investigations and make informed decisions using critical thinking, scientific problem solving, and the engineering design process. Students in Biotechnology I will study a variety of topics that include structures and functions of cells, nucleic acids, proteins, and genetics. **This course satisfies a high school science graduation requirement.** **Prerequisite:** Biology, Principles of Biomedical Science **AND** Medical Terminology **OR** Human Body Systems
Biotechnology Capstone* BICAPA/B Grade: 11-12 Credit: 1 Level 4 Course Type: Honors	Biotechnology Capstone is an advanced, hands-on laboratory course designed for students who want to experience biotechnology beyond the traditional classroom. Students will train in laboratory techniques and professional practices used in biotechnology, healthcare, research, and other STEM-related industries while preparing for the Biotechnician Assistant Credentialing Exam (BACE). This course is designed to bridge the gap between high school science and real-world laboratory experiences. Students will spend significant time working with laboratory equipment, conducting investigations, analyzing data, solving problems, and developing the skills expected in a professional laboratory environment. **Prerequisite:** Medical Interventions **OR** Biotechnology **Certification:** Biotechnician Assistant Credentialing Exam (BACE)

Exercise Science, Wellness, & Restoration

Public Service

Physical Therapist Track

Principles of Health Science PRHSCA/B Grade: 8-11 Credit: 1 Level 1 Course Type: On-Level	Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. **Prerequisite:** None
Allied Health Therapeutic Services ALHSA/B Grade: 9-10 Credit: 1 Level 2 Course Type: On-Level	This course will focus on anatomy and physiology, medical terminology, and career skills and exploration associated with the healthcare industry standards for respiratory therapy, physical and occupational therapy, radiological imaging, and pharmaceuticals. **Prerequisite:** Principles of Health Science
Kinesiology I KINESA/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	Students will gain an understanding of body mechanics, anatomy and physiological functions of the skeletal and muscular systems, how to treat common sports injuries, the history of kinesiology, and the psychological impact of sports and athletic performance. **Prerequisite:** 1 credit from the Health Science career cluster **Recommended Prerequisite:** Medical Terminology
Kinesiology II* KINE2A/B Grade: 11-12 Credit: 1 Level 3 Course Type: On-Level	The Kinesiology II course is designed to provide students an advanced level of knowledge, skills, and understanding of body composition and the effect on health, nutritional needs of physically active individuals, qualitative biomechanics, application of therapeutic modalities, appropriate rehabilitation services, and aerobic training intensity programs. **Prerequisite:** Kinesiology I **Certification:** Certified Personal Trainer; Basic Life Support (BLS) - Does not meet CCMR (Student Fee)
Practicum in Exercise Science* PRENXA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: On-Level	This capstone course allows students to utilize the knowledge and skill gained in prerequisite courses in an industry relevant manner. Students will dive deeper into previously explored content through a variety of instructional methods, projects, and experiences. Through the practicum course, work-based learning, industry ready standards, and entrepreneurial avenues will all be investigated and applied. **Prerequisite:** Kinesiology II **OR** Rehab Aide (DC) with Kinesiology 1

Athletic Trainer Track

Allied Health for Athletic Trainers ALHATA/B Grade: 9-10 Credit: 1 Level 2 Course Type: On-Level	This foundational course introduces early high school students to the healthcare industry through the lens of athletic training and therapeutic services. Students will explore essential medical terminology, human anatomy, and physiology while building core career skills aligned with modern healthcare industry standards. Alongside a specialized focus on athletic training environments, students will begin developing introductory leadership, interpersonal, and communication skills essential for student-athlete interactions. This course serves as an ideal entry point for students interested in sports medicine. **Prerequisite:** None **Requirements:** Course Contract
Sports Medicine I KSMD1A/B Grades: 10-12 Credit: 2 (Double Block) Level 2 Course Type: On-Level	This course introduces students to the human body in motion and the essential practices of sports medicine. Students will explore the history of kinesiology alongside the organizational and administrative considerations of healthcare careers. The curriculum integrates a study of human anatomy, physiology, and body mechanics with the hands-on skills needed for the prevention, recognition, evaluation, and care of athletic injuries. Students will master practical techniques including taping, wrapping, first aid, CPR/AED usage, and emergency procedures, while also studying rehabilitation, therapeutic modalities, nutrition, and the psychological impact of sports on athletic performance. Students will practice collaborative leadership, active listening, and clear interpersonal communication to effectively support student-athletes and work within a sports medicine team. **Prerequisite:** Allied Health for Athletic Trainers; Selection as an Athletic Trainer through the Sports Medicine Application **Requirements:** Enrollment requires a commitment to before/after school practices and evening/weekend athletic events.
Sports Medicine II* KSMD2A/B Grades: 11-12 Credit: 2 (Double Block) Level 3 Course Type: On-Level	This advanced course builds upon foundational knowledge to deliver a high-level mastery of human movement science and athletic healthcare. Students will engage in the study and application of advanced sports medicine components, including qualitative biomechanics, body composition analysis, and its direct effects on long-term health. The curriculum emphasizes sports medicine skills such as the recognition, evaluation, and management of complex athletic injuries, as well as the implementation of appropriate rehabilitation services, therapeutic modalities, and custom therapeutic exercise. Additional focus areas include aerobic training intensity programming, advanced sports psychology, and the specific nutritional needs of physically active individuals. Students will also refine industry-standard operational skills in taping, wrapping, first aid/CPR/AED emergency procedures, and healthcare administration. An emphasis is placed on growing peer leadership and advanced communication strategies required to manage crisis situations, coordinate student-athlete care, and navigate diverse interpersonal dynamics in athletic training facilities. **Prerequisite:** Sports Medicine I **Requirements:** Enrollment requires a commitment to before/after school practices and evening/weekend athletic events.
Practicum in Sports Medicine (Practicum in Exercise Science)* PEXSMA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: On-Level	This capstone course allows seniors to apply their advanced sports medicine and movement science knowledge in a professional, industry-relevant environment. Through work-based learning, research projects, and hands-on experiences in athletic training facilities, students will dive deeper into injury prevention, recognition, evaluation, and long-term rehabilitation management. The curriculum emphasizes high-level operations including healthcare administration, organizational considerations, emergency procedures, and entrepreneurial avenues within the health and fitness fields. Students will master industry-ready standards while actively executing advanced taping, wrapping, first aid/CPR/AED techniques, therapeutic modalities, and therapeutic exercise in real-world scenarios. As the culmination of the pathway, seniors will fully utilize executive leadership, professional communication, and high-level interpersonal skills to manage student athletic training programs, mentor peers, and interface confidently with healthcare professionals and student-athletes. **Prerequisite:** Sports Medicine II **Requirements:** Enrollment requires a commitment to before/after school practices and evening/weekend athletic events.

Diagnostic and Therapeutic Services

Public Service Endorsement

Principles of Health Science PRHSCA/B Grade: 8-11 Credit: 1 Level 1 Course Type: On-Level	Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. **Prerequisite:** None
Allied Health Therapeutic Services ALHSA/B Grade: 9-10 Credit:1 Level 2 Course Type: On-Level	This course will focus on anatomy and physiology, medical terminology, and career skills and exploration associated with the healthcare industry standards for respiratory therapy, physical and occupational therapy, radiological imaging, and pharmaceuticals. **Prerequisite:** Principles of Health Science
Medical Terminology MEDITA/B Grade: 9-12 Credit: 1 Level 2 Course Type: On-Level	Medical Terminology allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. Students that take Medical Terminology in 9th grade will be ineligible for DC Medical Terminology. **Prerequisite:** 1 credit from the Health Science career cluster
Dual Credit Medical Terminology MEDTDC PATHOD Grade: 10-12 Credit: 1 Level 2 Course Type: AP/DC/DE	This is the study of medical terms through word origin and structure with an introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties as well as the study of general health management of diseases and injuries across the lifespan. Topics include etiology, symptoms, and the physical and psychological reactions to diseases and injuries. **Prerequisite:** College acceptance and registration required **Collin College D/C Courses:** 1st Semester - HITT 1305 (3 hrs) 2nd semester - HPRS 2301 (3 hrs)
Health Science Theory* HSTHEA/B Grade: 10-12 Credit: 1 Level 4 Course Type: On-Level	This course is designed to provide for the development of advanced knowledge and skills related to a variety of health careers. Students are expected to learn to reason, think critically, make decisions, solve problems, communicate effectively and employ professional integrity. **Prerequisite:** Biology **AND** 1 credit from the Health Science career cluster **Recommended Prerequisite:** Medical Terminology **Certification:** Basic Life Support (BLS) - Does not meet CCMR (Student Fee)
Anatomy and Physiology* ANPHYA/B Grade: 11-12 Credit: 1 Level 3 Course Type: Honors	In this course, students conduct laboratory and field investigations and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. **This course satisfies a high school science graduation requirement.** **Prerequisite:** Biology **AND** 1 credit in Chemistry, Integrated Physics and Chemistry (IPC), or Physics

Dual Anatomy and Physiology* ANPDEA/B Grade: 11-12 Credit: 1 Level 3 Course Type: AP/DC/DE	Basic physiological principles and their applications in the study of the skeletal, muscular, and nervous systems are emphasized. **This course satisfies a high school science graduation requirement.** ****This course is offered as a Dual Enrollment course through Tarleton State. Students can opt in or out of 4 hours of college credit. Students opting into the college credit will be responsible for the cost of tuition. Students on free and reduced status will have no cost.**** **Prerequisite:** Biology **AND** 1 credit in Chemistry, Integrated Physics and Chemistry (IPC), or Physics
Medical Assistant* MDASTA/B Grade: 11-12 Credit: 1 Level 3 Course Type: On-Level	The Medical Assistant course provides students with the knowledge and skills to pursue a career as a medical assistant and to improve college and career readiness. Students will obtain communication skills, clinical ethics knowledge, safety awareness, and information related to medical assisting career opportunities. **Prerequisite or corequisite:** Anatomy and Physiology **AND** Medical Terminology **Certification:** Certified Clinical Medical Assistant
Pathophysiology* PATHPA/B Grade: 11-12 Credit: 1 Level 4 Course Type: Honors	Students study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. **This course satisfies a high school science graduation requirement.** **Prerequisites:** Biology, Chemistry
Pharmacology* PHARMA/B Grade: 12 Credit: 1 Level 4 Course Type: Honors	This course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. **Prerequisite:** Biology, Chemistry, **AND** Medical Terminology **Certification:** Pharmacy Technician

Health Science Dual Credit Courses

NOTE: Health Science Professions classes have specific grade and attendance policies that students must adhere to in order to successfully complete the program. For detailed information on these policies, please refer to the program's official handbook or consult with your instructor. These guidelines are in place to ensure students meet the high standards required for success in health sciences and related fields.

This program qualifies for participation in the following organization: HOSA

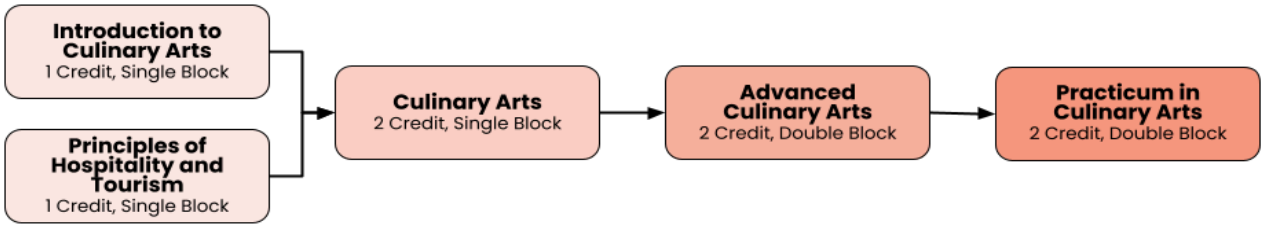
Health Science Theory* MEDITA/B Grade: 10-12 Credit: 1 Level 3 Course Type: On-Level	This course is designed to provide for the development of advanced knowledge and skills related to a variety of health careers. Students are expected to learn to reason, think critically, make decisions, solve problems, communicate effectively and employ professional integrity. **Articulated with Introduction to Health Professions - HPRS 1201** **Prerequisite:** Biology **AND** 1 credit from the PISD Health Science career cluster **Recommended Prerequisite:** Medical Terminology **Certification:** Basic Life Support (BLS) - Does not meet CCMR (Student Fee)
Dual Credit Medical Terminology MEDTDC PATHOD Grade: 10-12 Credit: 1 Level 2 Course Type: AP/DC/DE	This is the study of medical terms through word origin and structure with an introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties as well as the study of general health management of diseases and injuries across the lifespan. Topics include etiology, symptoms, and the physical and psychological reactions to diseases and injuries. **Prerequisite:** College acceptance **AND** registration required **Collin College D/C Courses:** 1st Semester - HITT 1305 (3 hrs) 2nd semester - HPRS 2301 (3 hrs)
Dual Credit Health Science Theory and Clinical-Certified Nurse Assistant (CNA)* HSTHSA/B Grade: 11-12 Credit: 2 Level 4 Course Type: AP/DC/DE	Health Science Theory and Clinical (CNA) is a health-related, work-based learning experience designed to enable students to apply specialized occupational theory, skills, and concepts. It provides for the development of advanced knowledge, skills, and abilities essential for offering basic care to residents of long-term care facilities. Key topics covered include resident's rights, communication, safety, observation, and reporting, as well as assisting residents in maintaining basic comfort and safety, and managing issues related to grief, loss, and end of life. The course emphasizes effective interaction with members of the health care team, restorative services, mental health, and social service needs. Ultimately, it prepares caregivers to function effectively in various settings by utilizing strong communication skills to provide psychosocial support to individuals and their families. **Fees for uniforms, insurance and testing are required for this course. Students must provide their own transportation to and from clinical locations.** **Prerequisite:** 1 credit from the PISD Health Science career cluster, program qualification form, interview, college acceptance, **AND** registration required **Collin College D/C Courses:** 1st Semester - NURA 1401 (4 hrs), HPRS 2310 (3 hrs) 2nd semester - NURA 1160 (1 hr), HPRS 1303 (3 hrs)
Dual Credit Practicum in Health Science - Rehab Aide* REHABA/B Grade: 11-12 Credit: 2 Level 4 Course Type: AP/DC/DE	The Rehabilitation Aide Occupational Skills Award (OSA) is a two-semester award that prepares students for a career as a Rehabilitation Aide or Physical Therapy Technician. This award serves as an excellent starting point for anyone interested in pursuing advanced careers in physical therapy, occupational therapy, chiropractic, medicine, massage, personal training, and other related medical fields. The track offers an in-depth education with hands-on experience in the rehabilitation field, utilizing experienced clinical staff and faculty alongside state-of-the-art lab and simulation equipment. Instruction includes the application of basic patient handling, functional skills, communication, and selected data collection techniques. The award prepares the student to enter the rehabilitation field and provides a springboard to explore their interests and begin working toward advanced degrees and training. **Fees for uniforms, insurance and testing are required for this course. Students must provide their own transportation to and from clinical locations.** **Prerequisite:** 1 credit from the PISD Health Science career cluster, program qualification form, interview, college acceptance, **AND** registration required **Collin College D/C Courses:** 1st Semester - PTHA 1201 (2 hrs), PTHA 1409 (4 hrs) 2nd semester - PTHA 1160 (1 hr), HPRS 2310 (3 hrs)

Dual Credit Health Science Theory and Clinical Electrocardiography (EKG)* HSTELA/B Grade: 11-12 Credit: 2 Level 4 Course Type: AP/DC/DE	Health Science Theory and Clinical (EKG) is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students gain hands-on experiences and exposure to different methodologies, such as clinical rotations and career preparation learning, with a focus on principles, procedures, and regulations governing the legal and ethical relationships among physicians, patients, and healthcare professionals. The curriculum extensively covers the anatomy, physiology, and pathophysiology of the cardiovascular system, focusing specifically on structural anatomy and relationships, electrical innervation, embryology, and hemodynamics. This includes studying the pathophysiology, etiology, pathology, signs, symptoms, risk factors, and treatment of related diseases. The course also details various cardiac testing methods, including the techniques and interpretation of patient physical assessment, electrocardiography, stress testing, Holter monitoring, vital signs, and cardiovascular pharmacology. Additionally, it addresses current ethical issues related to the various healthcare professions and patient confidentiality. Upon successfully completing the required hours and achieving the necessary grades, the student will be eligible to take the EKG state exam. **Fees for uniforms, insurance and testing are required for this course. Students must provide their own transportation to and from clinical locations.** **Prerequisite:** 1 credit from the PISD Health Science career cluster, program qualification form, interview, college acceptance, **AND** registration required **Collin College D/C Courses:** 1st Semester - HPRS 2310 (3 hrs), HPRS 2321 (3 hrs) 2nd semester - DSAE 2303 (3 hrs), DSAE 1340 (3 hrs)
Dual Credit Practicum in Health Science Patient Care Technician (PCT)* EKG00A/B Grade: 12 Credit: 2 Level 3 Course Type: AP/DC/DE	The Patient Care Technician (PCT) Health Science Practicum is a health-related, work-based learning experience designed to provide students with opportunities for the practical application of previously studied specialized occupational theory, skills, and concepts in a variety of appropriate locations. Students study Cardiac testing, which covers the techniques and interpretation of patient physical assessment, electrocardiography, stress testing, Holter monitoring, vital signs, and cardiovascular pharmacology. Students focus on skill development in a variety of blood collection methods, using proper techniques and standard precautions, including vacuum collection devices, syringes, capillary skin puncture, butterfly needles, and blood culture. Training includes specimen collection on adults, children, and infants, with emphasis on infection prevention, patient identification, specimen labeling, quality assurance, specimen handling, processing, accessioning, professionalism, ethics, and medical terminology. This experience provides the necessary training, skills, and knowledge required to gain employment as a Patient Care Technician (PCT) in a hospital setting. **Fees for uniforms, insurance and testing are required for this course. Students must provide their own transportation to and from clinical locations.** **Prerequisite:** 1 credit from the PISD Health Science career cluster, CNA, program qualification form, interview, college acceptance, **AND** registration required **Collin College D/C Courses:** 1st Semester - DSAE 1340 (3 hrs), PLAB 1323 (3 hrs) 2nd semester - NUPC 1320 (3 hrs), NUPC 1160 (1 hr)
Dual Credit Emergency Medical Technician* EMTDCA/B Grade: 12 Credit: 2 Level 3 Course Type: AP/DC/DE	The Emergency Medical Technician (EMT) program is designed to provide students with opportunities for the practical application of previously studied knowledge and skills in a variety of locations appropriate to the nature and level of experience, ultimately serving as preparation for certification as an EMT. The curriculum includes an Introduction to Emergency Medical Services, covering its history, organization and function, legal aspects, and ethics. This course provides an overview of human anatomy and physiology, patient assessment, airway control, and infection control techniques. Other critical topics covered include lifespan development, dealing with veteran mental health, vital signs, recognizing terrorism and hazardous materials environments, safely lifting and moving patients, basic pharmacology, and safe ambulance operation. **Fees for uniforms, insurance and testing are required for this course. Students must provide their own transportation to and from clinical locations.** **Prerequisite:** 1 credit from the PISD Health Science career cluster, program qualification form, interview, college acceptance, **AND** registration required **Recommend Prerequisite:** CNA **OR** RA Recommended **Collin College D/C Courses:** 1st Semester - EMSP 1371 (3 hrs) 2nd semester - EMSP 1501 (5 hrs), EMSP 1160 (1 hr)

Dual Credit Medical Scribe* MESDC Grade: 11-12 Credit: 2 Level 3 Course Type: AP/DC/DE awarded	A medical scribe works in a healthcare facility, helping to improve accuracy and efficiency in the recording of a patient's medical history. They do this through documenting the physician-patient interaction, taking notes during patient interviews, entering information into the Electronic Medical Record, and writing notes that the physician has dictated. The goal is to ensure that the doctor can focus on the treatment of the patient, rather than on clerical work. Medical scribes typically work in healthcare facilities such as hospitals, doctor's offices, urgent care centers, or other locations where professionals meet with patients. *Medical Scribe is an ONLINE PRACTICUM EXPERIENCE. Students will enroll in a zero hour section of the course and will work on the course OUTSIDE of the typical school day. No GPA points will be awarded. If enrolled student is CCMR met, they may choose to engage in the class during their release periods* **Collin College D/C Courses:** 1st Semester - HITT 1305 (3 hrs), HPRS 2321 (3 hrs) 2nd semester - BIOL 2404 (4 hrs), MDCA 1321 (3 hrs)

Hospitality and Tourism

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



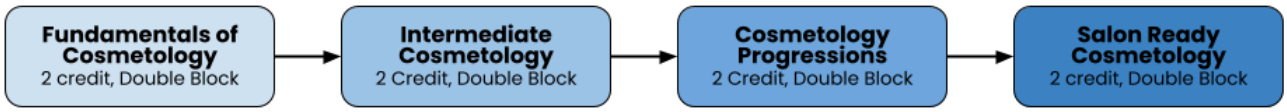
Culinary Arts and Hospitality

Business & Industry Endorsement

Introduction to Culinary Arts INTCAA/B Grade: 9-11 Credit: 1 Level 1 Course Type: On-Level	Introduction to Culinary Arts emphasizes the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. This course will provide insight into food production skills, various levels of industry management, and hospitality skills. **See the course fee section of the guide for costs associated with this course.** **Prerequisite:** None **Certification:** E-Food Handlers - Does not meet CCMR (student fee)
Principles of Hospitality and Tourism PRHSPA/B Grade: 9-11 Credit: 1 Level 1 Course Type: On-Level	Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success in that industry. **Prerequisite:** None **Certification:** E-Food Handlers - Does not meet CCMR (student fee)
Culinary Arts CLAR1A/B Grade: 10-12 Credit: 2 (Single Block) Level 2 Course Type: On-Level	Culinary Arts begins with the fundamentals of the art of cooking and the science of baking. Additional concepts include management, professional etiquette, as well as production skills and techniques. Students will be certified in safety and sanitation through a recognized program.**See the course fee section of the guide for costs associated with this course.** **Prerequisite:** Introduction to Culinary Arts **OR** Principles of Hospitality and Tourism **AND** E-Food Handlers Certification **Certification:** Food Protection Manager
Advanced Culinary Arts* ADVCAA/B Grade: 11-12 Credit: 2 (Double Block) Level 3 Course Type: On-Level	Students will extend content and enhance skills introduced in Culinary Arts including art of cooking, backing, management, production skills, and professional etiquette. **See the course fee section of the guide for costs associated with this course.** **Prerequisite:** Culinary Arts
Practicum in Culinary Arts* HPRCAA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with business and industry experience. **See the course fee section of the guide for costs associated with this course.** **Prerequisite:** Advanced Culinary Arts

Human Services

Cosmetology and Personal Care Services (Academy): The Cosmetology and Personal Care Services regional program of study focuses on occupational and educational opportunities associated with providing beauty and personal care services. This program of study includes managing personal care facilities and coordinating or supervising personal service workers. Students in this program will test to earn their Cosmetology Operator's License at the end of their senior year. **This program is located at Richland High School and requires a Request to Enroll prior to Grade 9 according to district deadlines.**



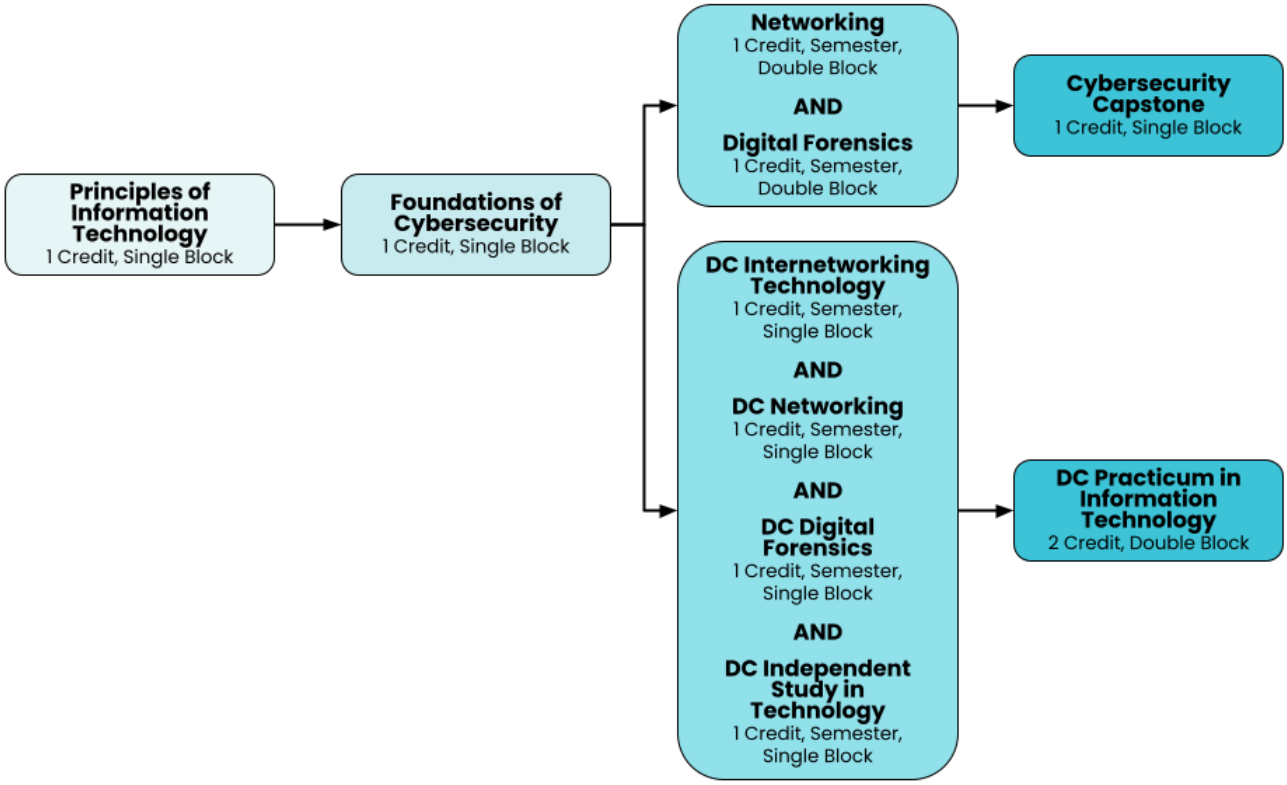
Cosmetology - Academy

Business & Industry Endorsement

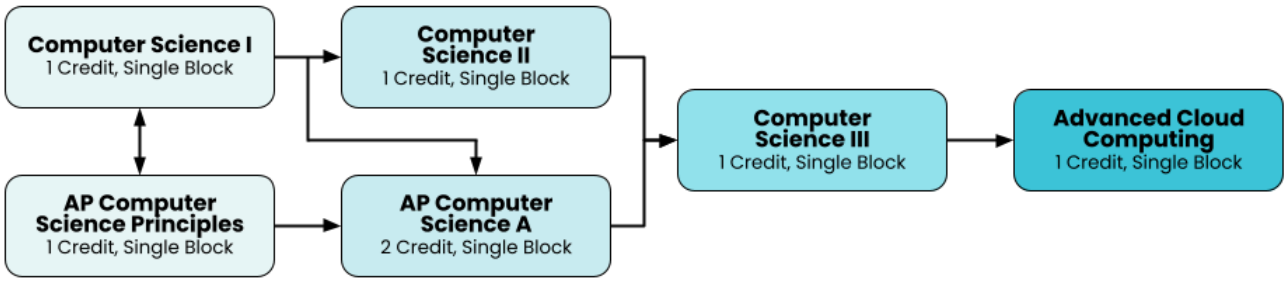
Fundamentals of Cosmetology FCOSMA/B Grade: 9 Credit: 2 (Double Block) Level 1 Course Type: On-Level	Students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Students will attain academic skills and knowledge as well as technical knowledge and skills related to cosmetology design and color theory. Students will develop knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included. ****Students will be required to obtain their Student License from TDLR prior to the start of the school year. <u>There will be a $25 fee for this license.</u>**** **Prerequisite:** None
Intermediate Cosmetology ICOSMA/B Grade: 10 Credit: 2 (Double Block) Level 2 Course Type: On-Level	Students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation (TDLR) requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included. **Prerequisite:** Fundamentals of Cosmetology
Cosmetology Progressions* COSPRA/B Grade: 11 Credit: 2 (Double Block) Level 3 Course Type: On-Level	Students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies and materials; and practical skills. **Prerequisite:** Intermediate Cosmetology
Salon Ready Cosmetology* SRCOSA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: On-Level	Students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies and materials; and practical skills. **Prerequisite:** Cosmetology Progressions **Certification:** Cosmetology Operators License

Information Technology

Cybersecurity (Academy): The Cybersecurity program of study focuses on occupational and educational opportunities associated with planning, implementing, upgrading, or monitoring security measures for the protection of computer networks and information. This program of study includes responding to computer security breaches and viruses and administering network security measures. **This program is located at Richland High School and requires a Request to Enroll prior to Grade 9 according to district deadlines. This program qualifies for participation in the following organization: SkillsUSA**



Programming and Software Development: The Programming and Software Development program of study explores the careers and education opportunities associated with researching, designing, developing, and testing operating systems-level software, compilers and network distribution software for medical, industrial, military, communications, aerospace, business, scientific and computer applications. This program of study also includes exploration into creating, modifying and testing codes, forms and scripts that allow computer applications to run. **This program qualifies for participation in the following organization: SkillsUSA**



Cybersecurity - ACADEMY

Business & Industry or STEM Endorsement

Principles of Information Technology ITPRA/B Grade: 9 Credit: 1 Level 1 Course Type: On-Level	In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment. **Prerequisite:** None **Certification:** CompTIA Tech+
Foundations of Cybersecurity FCYBA/B Grade: 10 Credit: 1 Level 1 Course Type: On-Level	In the Foundations of Cybersecurity course, students will develop the knowledge and skills needed to explore fundamental concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will review and explore security policies designed to mitigate risks. The skills obtained in this course prepare students for additional study in cybersecurity. **Prerequisite:** Principles of Information Technology
Networking* NETWK Grade: 11 Credit: 1 (Semester, Double Block) Level 3 Course Type: Honors	Students will develop knowledge of data networking technologies and practices by exploring the design, configuration, and management of telecommunications and network systems. Through hands-on experience, students will learn network fundamentals including TCP/IP protocols, subnetting, network topologies, wireless technologies, and the OSI model. Students will analyze network components, design addressing schemes, implement security practices, and develop disaster recovery and preventive maintenance plans. Emphasis is placed on troubleshooting connectivity issues, interpreting technical documentation, and applying professional standards required in IT careers. **Note: This is housed in a one semester double block format (Fall). Must be taken in the same academic year as Digital Forensics.** **Prerequisite:** Foundations of Cybersecurity **Certification:** CompTIA Network+
Digital Forensics* DIGFR Grade: 11 Credit: 1 (Semester, Double Block) Level 3 Course Type: Honors	Digital Forensics will foster students' creativity and innovation by presenting opportunities to investigate simulations and case studies of crimes, reconstructing computer security incidents, troubleshooting operational problems, and recovering from accidental system damage. Students will collaborate to develop forensic techniques to assist with computer security incident response. Students will learn methods to identify, collect, examine, and analyze data while preserving the integrity of the information and maintaining a strict chain of custody for data. Students will solve problems as they study the application of science to the law. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of computing and networking systems that transmit or store electronic data. **Note: This is housed in a one semester double block format (Spring). MUST be taken in the same academic year as Networking.** **Prerequisite:** Foundations of Cybersecurity
Dual Credit Internetworking Technology: CPMT 1305 INTDC Grade: 11 Credit: 1 (1st Semester, Single Block) Level 2 Course Type: AP/DC/DE	CPMT 1305 provides comprehensive overview of computer hardware and software and an introduction to advanced concepts addressed by CISCO certification. **Prerequisite:** Foundations of Cybersecurity

Dual Credit Networking: ITNW 1358* NETDC Grade: 11 Credit: 1 (1st Semester, Single Block) Level 3 Course Type: AP/DC/DE	INTW 1358 assists individuals in preparing for Computing Technology Industry Association (CompTIA) Network certification exam and career as a network professional. Additionally, prepares individuals for a career as a Network Engineer in the Information Technology support industry. Includes the various responsibilities and tasks required for service engineers to successfully perform in a specific environment. **Prerequisite:** Foundations of Cybersecurity **Certification:** CompTIA Network+
Dual Credit Digital Forensics: ITSY 1300* DIFDC Grade: 11 Credit: 1 (2nd Semester, Single Block) Level 3 Course Type: AP/DC/DE	ITSY 1300: A study of open source and subscription threat intelligence. Includes the role of threat intelligence and organizational incident response. Topics include collection methods, management of operations, classification, production and analysis, assessment of threat vulnerability, business impact analysis, incidence response, and identification of various reporting requirements. The use of link diagrams and various types of association matrices will be introduced and emphasized. **Prerequisite:** Foundations of Cybersecurity
Dual Credit Independent Study in Technology: ITSY 1371* ITCDC Grade: 11 Credit: 1 (2nd Semester, Single Block) Level 4 Course Type: AP/DC/DE	ITSY 1371: An introduction to information security including vocabulary and terminology, ethics, the legal environment, and risk management. Identification of exposures and vulnerabilities and countermeasures are addressed. The importance of appropriate planning, policies and controls is also discussed. **Prerequisite:** Foundations of Cybersecurity **Certification:** CompTIA Security+
Cybersecurity Capstone* CYCAPA/B Grade: 12 Credit: 1 Level 4 Course Type: Honors	As the culminating course in the cybersecurity pathway, students will apply advanced skills in penetration testing, cryptography, digital forensics, and incident response to real-world scenarios. Students will also explore cybersecurity law, risk management, and emerging technologies like AI and quantum computing. Through hands-on labs and simulated attacks, students build the technical and analytical expertise needed to defend networks and systems as cybersecurity professionals. **Prerequisite:** Digital Forensics **AND** Networking **OR** Dual Credit Equivalents **Certification:** CompTIA Security+
Dual Credit Practicum in Information Technology: ITSY 2300, ITSC 1316, ITSC 1342, ITSY 2301* HPAITA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: AP/DC/DE	In the Practicum in Information Technology, 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. **Prerequisite:** Dual Credit Internetworking **AND** Dual Credit Networking **AND** Dual Credit Digital Forensics **AND** Dual Credit Independent Study in Technology **Certification:** CompTIA Linux+ **Collin College D/C Courses:** 1st Semester - ITSY 2300 (3 hrs), ITSC 1316 (3 hrs) 2nd semester - ITSC 1342 (3 hrs), ITSY 2301 (3 hrs)

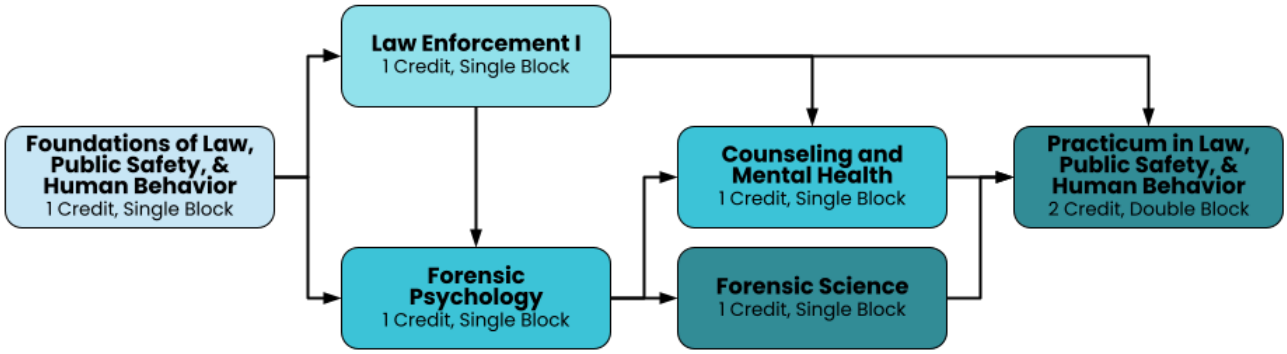
Programming and Software Development

Business & Industry or STEM Endorsement

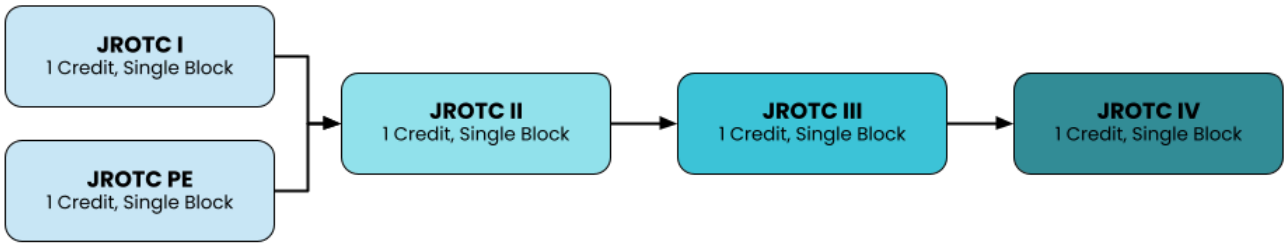
AP Computer Science Principles T9820A/B Grade: 9-12 Credit: 1 Level 2 Course Type: AP/DC/DE	AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to 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—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. **This course satisfies a high school language other than English graduation requirement.** **Recommended Prerequisite:** Algebra I
Computer Science I FC110A/B Grade: 9-12 Credit: 1 Level 2 Course Type: Honors	This is an introductory course to the fundamental concepts of Computer Science preparing students for higher-level programming courses. This object-oriented programming class uses the Python programming language to discuss basic concepts of programming. **This course satisfies a high school language other than English graduation requirement.** **Prerequisite or Corequisite:** Algebra I **Certification:** Certified Entry Level Python Programmer
AP Computer Science A* MA520A/B FCSAPA/B Grade: 10-12 Credit: 2 (Single Block) Level 3 Course Type: AP/DC/DE	AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. **This course satisfies a high school mathematics and language other than English graduation requirement.** **Prerequisite:** Algebra I **AND** Computer Science I **OR** AP Computer Science Principles
Computer Science II* FC210A/B Grade: 10-12 Credit: 1 Level 3 Course Type: Honors	This course offers an emphasis on object-oriented programming methodology with a concentration on problem solving and algorithm development using Python programming language. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts. **This course satisfies a high school language other than English graduation requirement.** **Prerequisite:** Algebra I **AND** Computer Science I
Computer Science III* FC320A/B Grade: 11-12 Credit: 1 Level 3 Course Type: Honors	This course will foster students' creativity and innovation by presenting opportunities to design, implement, and present programs through a variety of media. Students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. **This course satisfies a high school language other than English graduation requirement.** **Prerequisite:** Computer Science II **OR** AP Computer Science A
Advanced Cloud Computing* ACLCA/B Grade: 12 Credit: 1 Level 3 Course Type: Honors	In this course, students explore cloud computing services, applications, and use cases. Students dive into cloud computing best practices and learn how cloud computing helps users develop a global infrastructure to support use case at scale while also developing and inventing innovative technologies. **Prerequisite:** Computer Science II **OR** AP Computer Science A **Certification:** AWS Certified Cloud Practitioner

Law & Public Service

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



Junior Reserve Officers' Training Corps (JROTC): Prosper ISD's U.S. Army JROTC program offers high school students a unique opportunity to develop leadership skills, character, and citizenship. Students learn how to follow and give orders, build self-discipline, pride, and teamwork, and prepare for future responsibilities. Students in JROTC may participate in extracurricular activities such as the color guard and various competitions. Students do not incur any military obligation by participating in JROTC courses. Uniforms are provided/fitted at no cost.



Public Service

Public Service Endorsement

Foundations of Law, Public Safety, & Human Behavior PRLPSA/B Grade: 9-12 Credit: 1 Level 1 Course Type: On-Level	Students are introduced to professions in law enforcement, security, corrections, and fire department/emergency management services. Students examine the roles and responsibilities of police officers, court systems, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections. **Prerequisite:** None
Law Enforcement I LAWE1A/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. **Recommended Prerequisite:** Foundations of Law, Public Safety, & Human Behavior / Principles of Law, Public Safety, Corrections & Security
Forensic Psychology* FRPSYA/B Grade: 10-12 Credit: 1 Level 3 Course Type: On-Level	The intersection between psychology and the criminal justice system. It involves understanding criminal law in the relevant jurisdictions in order to be able to interact within the criminal justice system. It utilizes and applies basic skills developed in psychology and criminal scenarios resulting in a structured and scientific approach to investigative analysis; thereby, enabling police and law enforcement officials to predict criminal activity via scientific analysis rather than intuition. **This course discusses topics that may be sensitive in nature. Please consider this content when choosing this course.** **Recommended Prerequisite:** Foundations of Law, Public Safety, & Human Behavior / Principles of Law, Public Safety, Corrections & Security
Counseling and Mental Health* COUNSA/B Grade: 11-12 Credit: 1 Level 3 Course Type: On-Level	In Counseling and Mental Health, students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations on their actions and responsibilities, and the implications of their actions. Students understand how professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities. **Prerequisite:** 1 course from the Public Service program of study **Certification:** Community Health Worker (does not meet CCMR in this pathway)
Forensic Science* FORSCA/B Grade: 11-12 Credit: 1 Level 4 Course Type: On-Level	Forensic science is the application of multiple scientific disciplines to the investigation of criminal or civil law. Students use scientific inquiry and the process of forensic investigation and apply knowledge of investigation to the analysis of trace evidence (hair, fiber, etc.), fingerprints, DNA, and blood. **This course discusses topics that may be sensitive in nature. Please consider this content when choosing this course. This course satisfies a high school science graduation requirement.** **Prerequisite:** Biology **AND** Chemistry/Physics/IPC
Practicum in Law, Public Safety, & Human Behavior* HPLAWA/B Grade: 11-12 Credit: 2 (Double Block) Level 4 Course Type: Honors	Students participate in supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. **Prerequisite:** 2 courses from the Public Service program of study **AND** Program Qualification Form

Junior Reserve Officers' Training Corps (JROTC) Track

Public Service Endorsement

Junior Reserve Officers' Training Corps I ROTC1A/B Grade: 9-12 Credit: 1 Level 1 Course Type: On-Level	**HOUSED AT ROCK HILL HIGH SCHOOL** **The Emerging Leader:** First-year Cadets learn JROTC foundations, organizational structure, customs, and uniform standards. The curriculum covers basic drill and ceremony, decision-making, goal-setting, conflict resolution, stress management, and physical fitness through the Cadet Challenge. Students develop character, discipline, and teamwork skills essential for leadership and citizenship. **Prerequisite:** None **This course satisfies a high school PE graduation requirement.**
Junior Reserve Officers' Training Corps II ROTC2A/B Grade: 10-12 Credit: 1 Level 2 Course Type: On-Level	**HOUSED AT ROCK HILL HIGH SCHOOL** **The Developing Leader:** Second-year Cadets explore leadership elements, attributes, and competencies while developing communication skills through writing, speaking, and listening. The curriculum includes first aid training, bullying and violence prevention, nutrition and fitness planning, career exploration, and post-secondary education options. Students advance in drill leadership roles and learn about American government and citizenship. **Prerequisite:** Junior Reserves Officers Corps I
Junior Reserve Officers' Training Corps III ROTC3A/B Grade: 11-12 Credit: 1 Level 3 Course Type: On-Level	**HOUSED AT ROCK HILL HIGH SCHOOL** **The Supervising Leader:** Third-year Cadets prepare for battalion staff positions through command and staff operations, project planning, and continuous improvement. Students focus on post-secondary planning, college applications, career portfolios, and resume development. The curriculum includes platoon-level drill, conflict resolution, ethical decision-making, substance abuse awareness, and leading comprehensive service learning projects. **Prerequisite:** Junior Reserves Officers Corps II **CCMR Offering:** ASVAB
Junior Reserve Officers' Training Corps IV ROTC4A/B Grade: 12 Credit: 1 Level 4 Course Type: On-Level	**HOUSED AT ROCK HILL HIGH SCHOOL** **The Managing Leader:** Senior Cadets serve as program managers and mentors, applying leadership skills to continuous improvement initiatives. Students develop teaching strategies, create 10-year professional and personal goal plans, and execute company and battalion drills. The curriculum includes managing service learning projects using advanced project management tools and examining constitutional principles and democratic values to prepare for post-secondary success. **Prerequisite:** Junior Reserves Officers Corps III **CCMR Offering:** ASVAB

Transportation, Distribution, and Logistics

Automotive Technology: The Automotive program of study teaches CTE learners how to repair and refinish automobiles and service various types of vehicles. CTE learners may learn to collect payment for services or supplies and perform typical vehicle maintenance procedures such as lubrication, oil changes, installation of antifreeze, or replacement of accessories like wiper blades or tires.



Automotive Technology Track

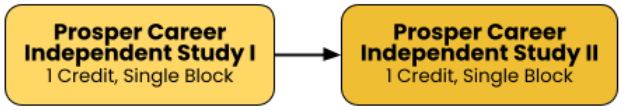
Business & Industry Endorsement

Automotive Technology I: Maintenance and Light Repair* AUTO1A/B Grade: 10-12 Credit: 2 (Single Block) Level 3 Course Type: On-Level	**HOUSED AT PROSPER HIGH SCHOOL** This course includes knowledge of the function of the major automotive systems, history of the automobile, and the principles of diagnosing and servicing all major automotive systems. Students will participate in the shop after the successful classroom curriculum is completed. **Prerequisite:** None **Certification:** ASE Automotive Certifications
Automotive Technology II: Automotive Service* AUTO2A/B Grade: 11-12 Credit: 2 (Double Block) Level 4 Course Type: On-Level	**HOUSED AT PROSPER HIGH SCHOOL** This course includes knowledge of the function of the major automotive systems, history of the automobile, and the principles of diagnosing and servicing all major automotive systems. Students are required to take an ASE student certification exam and the S/P2 (Safety and Environmental certification exams). **Prerequisite:** Automotive Technology I **Certification:** ASE Automotive Certifications
Entrepreneurship SENTR Grade: 10-12 Credit: 1 (Semester) Level 2 Course Type: On-Level	Students will gain the knowledge and skills needed to become an entrepreneur. Students will understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the capital required, the return on investment desired, and the potential for profit. **Prerequisite:** 1 course in the Automotive Technology program of study **Certification:** Entrepreneurship and Small Business
CTE Practicum* PRENTA/B Grade: 12 Credit: 2 (Double Block) Level 4 Course Type: Honors	This capstone course allows students to utilize the knowledge and skill gained in prerequisite courses in an industry relevant manner. Students will dive deeper into previously explored content through a variety of instructional methods, projects, and experiences. Through the practicum course, work-based learning, industry ready standards, and entrepreneurial avenues will all be investigated and applied. **Prerequisite:** 2 courses in the Automotive Technology program of study **AND** Program Qualification Form

Prosper Career Independent Study

Business & Industry Endorsement

Prosper Career Independent Study (PCIS): This program provides junior and senior students an opportunity to conduct a self-directed, in-depth study of a career of their choice while gaining real-world experience under the guidance of a mentor in their respective field. Students begin by perfecting professional skills such as resume writing and digital portfolio creation. They also focus on the importance of soft skills such as handshaking, networking, and phone/email etiquette. Students conduct interviews with professionals from their chosen field, leading to identifying a mentor whom they will work with for the remainder of the year. Students work alongside their mentor in identifying a problem or opportunity in their chosen career field, and a proposed solution in the form of a product or service. Course expectations include the development of an extensive research portfolio, written assessments of evidence(s) of learning, participation in a networking business symposium, and participation in the end of the year showcase at which students showcase their findings.



Prosper Career Independent Study I PRIS1A/B Grade: 11-12 Credit: 1 Course Type: Honors	PCIS I provides students with an immersive, comprehensive approach to career exploration and professional research. Students will engage in a structured, in-depth investigation of a chosen career pathway through advanced research methodologies, professional networking, and analytical documentation. This course requires students to discover and examine their assessed strengths and identify an aligned career field. Through a tightly guided independent study, students will develop general skills required including collaboration, ideation, Design Thinking, professional communication, active listening, critical feedback, and networking skills. Evidence of learning will include the development of an extensive research portfolio, publishable written assessments, and a final project addressing a specific issue within their chosen industry. Students will incorporate guidance from a mentor to gain practical insights and produce a project showcasing their expertise and growth. **Prerequisite:** Program Qualification Form
Prosper Career Independent Study II PRIS2A/B Grade: 12 Credit: 1 Course Type: Honors	Students build upon the career exploration of PCIS I and now shift the focus outward, emphasizing collaborative problem-solving, leadership, and community impact. The curriculum is designed to provide a holistic approach to leadership development that challenges students to work across multiple career fields to address complex community or societal challenges. The curriculum balances theoretical learning with practical application, ensuring students gain both knowledge and experiential understanding of leadership principles. This approach prepares students to become adaptive, collaborative leaders capable of addressing complex issues through integrated, cross-functional thinking and teamwork. Student product includes developing and organizing a networking event (fall semester) and culminates in a signature comprehensive project requiring collaborative problem-solving across diverse professional disciplines. PCIS II students are required to create a professional level presentation and defend their work in front of a panel of professionals. Students will also implement and hone their learning by serving as mentors for the PCIS I students **Prerequisite:** PCIS I **AND** Program Qualification Form