

2025-2026



PROSPER INDEPENDENT SCHOOL DISTRICT

ACADEMIC COURSE GUIDE & CATALOG

HIGH SCHOOL



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Prosper Independent School District

Mission, Vision, and Beliefs

Mission

The mission of Prosper Independent School District is to develop and graduate motivated, academically prepared individuals with the strength of character to make contributions to a rapidly changing society through an educational system that maintains high expectations, provides quality instruction, and establishes a safe, orderly, learning environment in the community that lives its name.

Vision

Grounded by Tradition - Soaring to New Beginnings

Beliefs

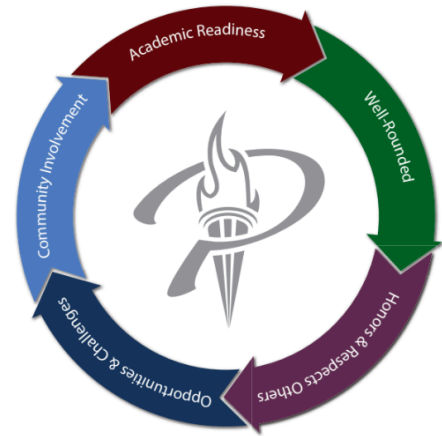
We believe...

- Students are first in all decisions
- In valuing all students and their success and well-being
- In innovation in curriculum and technology
- In being intentional in creating opportunities that will propel students forward
- In recruiting, hiring and retaining employees with the Prosper heart
- In the importance of a supportive and demanding community
- In our commitment to our Graduate Profile
- In protecting our small-town feel
- In providing a safe and nurturing environment for students and staff
- Our success is grounded in tradition

Graduate Profile

ACADEMIC READINESS

Throughout PreK - 12, the Prosper ISD student prepares for a successful transition to college, career, and workforce readiness. The student experiences challenging learning that aligns with their strengths and interests. Curriculum is designed to challenge the mind, inspire the imagination, and lead to the acquisition of social skills. The graduate thinks critically and expresses ideas clearly in a variety of innovative and creative modes. In the pursuit of excellence, the student learns to produce quality work by applying self-discipline, showing initiative, thinking creatively and critically while maintaining a sense of personal integrity.



WELL-ROUNDED

Throughout PreK - 12, the Prosper ISD student participates in numerous activities in the competitive arena that promote teamwork, leadership, responsibility, integrity, humility, physical, and emotional well-being which helps them understand that aesthetic and physical development is essential to an education. The graduate learns the value of fair play, collaboration, and respect for both teammates and adversaries through varied opportunities which may include: art, music, UIL, theatre, college/career preparation, and athletics.

HONORS AND RESPECTS OTHERS

Throughout PreK - 12, the Prosper ISD student interacts with students, teachers, administrators, parents and community members in a variety of settings. The student conscientiously chooses to act in accordance with the principle - "Treat others as you wish to be treated." These experiences lead the student to learn the importance and use of Respect, Encouragement, Appreciation, Communication and Honor. The student's overall experience teaches them to respect differing ideas and opinions, while maintaining their own set of beliefs.

OPPORTUNITIES AND CHALLENGES

Throughout PreK - 12, the Prosper ISD student participates in reflective and self-evaluative processes that provide opportunities to learn and grow. Experiencing every classroom and campus as a safe haven for the mistakes and false starts inherent in learning, the graduate understands that intellectual-risk taking and resilience are necessary for growth in an ever-changing digital learning and global society. The graduate values being viewed with respect and is prepared to manage complex responsibilities necessary for lifelong learning and the application of that learning.

COMMUNITY INVOLVEMENT

Throughout PreK - 12, the Prosper ISD student experiences the satisfaction of service to others by understanding and living the principle of responsibility to the community, which is gained through involvement in a cause or service that puts others before self. Ultimately, the Prosper ISD graduate responds in love and service to those in need and strives to move beyond self-interest or self-centeredness in relationships with others.

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, Jane Matthews (469)219-2000

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, Law, Public Safety, Corrections & Security, Manufacturing, Marketing, STEM, 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 Guide

Graduation Information and Requirements

Requirements

Graduation requirements include:

- 26 credits (Foundation High School Program with Endorsement - see below)
 - 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.
- Five End of Course Exams (English I, II; Algebra I; Biology; U.S. History)
 - 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

Endorsements

In Texas, high school students are required to choose an endorsement as part of their graduation plan. These endorsements allow students to focus their studies in a specific area of interest, helping them prepare for future college or career opportunities. There are five endorsement options available:

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

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

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

Performance Acknowledgments

Students may earn **Performance Acknowledgments** through outstanding achievement in the following areas:

- 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.
- 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
 - Demonstrate proficiency in one or more World Languages (LOTE) through 1) a score of 3 or higher on a College Board Advanced Placement examination for a language other than English, 2) a score of 4 or higher on an International Baccalaureate examination for a language other than English, or 3) performance on a national assessment of language proficiency in a language other than English of at least Intermediate High or its equivalent.
- 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 PSAT/NMSQT that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation or as an awardee of the National Recognition Programs of the College Board
 - Earning a total score of at least 1350 on the SAT
 - Earning a composite score on the ACT examination of 29 (excluding the writing subscore)
- Outstanding Performance in Obtaining a Recognized Business or Industry Certification or License

Early High School Graduation

Students who complete all Texas High School graduation requirements may graduate early. If your student is considering graduating in 3 or 3½ years, they must complete an application and work with their school counselor to develop a plan for meeting all requirements ahead of schedule.

Prosper ISD 4-Year Plan

SUBJECT AREA	Foundation Plan plus Endorsement with Distinguished Level of Achievement			
ENGLISH 4 Credits	English I	English II	English III	English IV
MATH 4 Credits	Algebra I	Geometry	Advanced Math (Algebra II Required for DLA)	Advanced Math
SCIENCE 4 Credits	Biology	IPC or Chemistry	Chemistry, Physics or Advanced Science	Advanced Science
SOCIAL STUDIES 4 Credits	World Geography or Human Geography	World History, African American Studies, or Mexican American Studies	U.S. History	Government, Economics or Personal Financial Literacy and Economics
FINE ARTS 1 Credit				
WORLD LANGUAGES: LANGUAGES OTHER THAN ENGLISH (LOTE) 2 Credits in the Same Language				
PHYSICAL EDUCATION 1 Credit				
ADDITIONAL COURSES TO EARN ENDORSEMENT 6 Credits				
TOTAL 26 CREDITS				

^Foundation High School Program (without endorsement) requires administrator and parent/guardian approval.

Texas First Early High School Completion Program

Senate Bill 1888, 87th Texas Legislature, Regular Session, 2021, added [Texas Education Code §28.0253](#), which establishes the [Texas First Early High School Completion Program](#) to allow public high school students who demonstrate early readiness for college to graduate early from high school. If your student is interested in this opportunity, they must complete an application with their school counselor. Eligibility is determined based on academic readiness for post-secondary success.

Graduation Endorsement Options

As Prosper ISD 8th graders prepare for the transition to high school, they 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 STEM, Business and Industry, Public Services, or Arts and Humanities. The option to earn additional endorsements allows students to tailor their high school experience toward specific career paths or college goals.

To earn an endorsement, students must complete the curriculum requirements listed in this section, which include a 4th credit in both math and science.

Multidisciplinary Endorsement

The Multidisciplinary Endorsement requires:

1. Four credits of mathematics
2. Four credits of science (including Chemistry and/or Physics)
3. Four credits of English (including English IV or AP English Literature)
4. **One of the following:**
 - a. Four advanced courses that prepare a student to enter the workforce or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a sequence
 - b. Four credits in each of the 4 foundation subject areas to include English IV, Chemistry, and/or Physics
 - c. Four credits in Advanced Placement or dual credit selected from English, mathematics, science, social studies, economics, World Languages (LOTE), or fine arts

Arts and Humanities Endorsement

The Arts and Humanities Endorsement requires:

1. 4 credits of mathematics
2. 4 credits of science
3. 4 credits of English (including English IV or AP English Literature)
4. **One of the following:**
 - a. 5 social studies credits
 - b. 4 credits of the same World Language (LOTE)
 - c. 2 credits in a World Language (LOTE) and 2 credits in a different World Language (LOTE)
 - d. A coherent sequence of 4 credits from one or two course areas in Fine Arts to include Art, Dance, Music, and Theatre

Business and Industry Endorsement

The Business and Industry endorsement requires:

1. 4 credits of mathematics
2. 4 credits of science
3. 4 credits of English

4. **One of the following:**

- a. Complete courses required to be a designated CTE completer (complete 3 courses for 4 credits, with at least one advanced course) in one of the following TEA-approved programs of study related to business and industry:

CTE Programs of Study include:

- i. Accounting and Financial Services
- ii. Agriculture Technology and Mechanical Systems
- iii. Animal Science
- iv. Animation
- v. Architectural Design
- vi. Audio/Video Production
- vii. Automotive
- viii. Broadcast
- ix. Business Management
- x. Carpentry
- xi. Cosmetology
- xii. Culinary Arts
- xiii. Fashion Design
- xiv. Graphic Design
- xv. Interior Design
- xvi. Manufacturing technology
- xvii. Marketing and Sales
- xviii. Modern Media
- xix. Plant Science
- xx. Video Game Design
- xxi. Yearbook

- b. Complete courses required to be a designated CTE completer (complete 3 courses for 4 credits, with at least one advanced course) in one of the following TEA-approved programs of study related to STEM **without** completing Chemistry, Physics and Algebra II:

CTE Programs of Study include:

- i. Cybersecurity
- ii. Electrical Engineering
- iii. Engineering Foundations
- iv. Mechanical and Aerospace Engineering
- v. Programming and Software Development

- c. Four English elective credits to include three levels of debate

Public Services Endorsement

The Public Services Endorsement requires:

1. 4 credits of mathematics
2. 4 credits of science
3. 4 credits of English
4. **One of the following**

- A. Complete courses required to be a designated CTE completer (complete 3 courses for 4 credits, with at least one advanced course) in one of the following TEA-approved programs of study related to Public Service:

CTE Programs of Study include:

- i. Diagnostic and Therapeutic Services
- ii. Exercise Science, Wellness, and Restoration
- iii. Family and Community Services
- iv. Law Enforcement
- v. Teaching and Training

- B. Complete courses required to be a designated CTE completer (complete 3 courses for 4 credits, with at least one advanced course) in one of the following TEA-approved programs of study related to STEM *without* completing Chemistry, Physics and Algebra II:

CTE Programs of Study include:

- i. Biomedical Science

- C. Complete 4 courses in Junior Reserve Officer Training Corps (JROTC)

Science, Technology, Engineering, and Mathematics (STEM) Endorsement

The STEM endorsement requires:

1. 4 credits of mathematics (Algebra II required)
2. 4 credits of science (Chemistry and Physics required)
3. 4 credits of English
4. **One of the following**

- A. Complete courses required to be a designated CTE completer (complete 3 courses for 4 credits, with at least one advanced course) in one of the following TEA-approved programs of study related to STEM:

CTE Programs of Study include:

1. Biomedical Sciences
2. Cybersecurity
3. Electrical Engineering
4. Engineering Foundations
5. Mechanical and Aerospace Engineering
6. Networking Systems
7. Nursing Science
8. Programming and Software Development

- B. Five credits in mathematics by successfully completing Algebra II and two additional mathematics courses for which Algebra II is a prerequisite.

- C. Five credits in science by successfully completing chemistry, physics, and three additional science courses.

College, Career, and Military Readiness (CCMR)

The Texas Education Agency (TEA) outlines ways for high school students to demonstrate college, career, and military readiness (CCMR). While not required for high school graduation, CCMR criteria serve as valuable benchmarks to help students assess their preparedness for postsecondary options.

Prosper ISD is committed to preparing students for success beyond high school. We prioritize College, Career, and Military Readiness (CCMR) from elementary through graduation by offering:

- Engaging and challenging curriculum, including Advanced Placement, Dual Credit, and Honors courses
- Access to relevant resources and tools, including Xello and school counselor
- Planning events such as High School Transition Night, Advanced Academics Night, and College, Career, and Military Fair
- Robust career pathways and certification opportunities in Career and Technical Education
- College testing paid for by the District (Fall PSAT NMSQT for grades 10 and 11; Spring SAT for 11th grade; TSIA2)

Our goal is for every graduate to meet at least one CCMR indicator. School counselors work closely with students and families to develop personalized plans and select courses that align with their future aspirations.

Prosper ISD graduates can demonstrate college, career or military readiness in the following ways:

Accountability Criteria	Requirements
<i>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 complete and earn credit for a college prep course in mathematics.</i>	
Meet TSI Criteria via SAT	Reading & Writing 480; Math 530
Meet TSI Criteria via ACT	Prior to 2/15/23; English 19; Math 19; Composite 23 After 2/15/23; English & Reading combined 40; Math 22
Meet TSI Criteria via TSIA2	ELAR 945; Math 950; 5 or higher on Essay
College Prep Course	These are college preparatory courses in English and math for high school seniors. These courses are intended for seniors who have not demonstrated college readiness in English Language Arts (ELAR) and/or math on the ACT, SAT or TSIA.
Advanced Placement (AP) Exam	Score 3, 4, or 5 on any exam
<i>Other criteria graduates may meet for College and Career Readiness</i>	

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	Earn credit for at least <u>three</u> hours in ELA or mathematics or at least <u>nine</u> hours in <i>any</i> subject
Earn an Industry-Based Certification	Earn an IBC and complete an aligned program of study Review this chart for list of available Industry-Based Certifications Review this Chart for Aligned IBCs and Programs of Study
Graduate with Completed Individualized Education Program (IEP) and Workforce Readiness	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 who is identified as receiving special education services during the year of graduation and whose graduation plan type is identified as <i>Foundation High School Plan with Endorsement (FHSP-E)</i> or <i>Foundation High School Plan with Distinguished Level of Achievement (FHSP-DLA)</i> .
Earn a Level I or Level II Certificate	A graduate earning a level I or level II certificate in any workforce education area.
Enlist in the Armed Forces	A graduate enlisting in the US Army, Navy, Air Force, Coast Guard, or Marines. Students must complete a DD Form 4 for verification

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 TSIA. Students in College Prep courses are expected to complete the **TSIA2 exam** for their respective subject area (either math or English) during the spring of their senior year.

Career and Technical Programs of Study

Prosper ISD offers wide array of Career and Technical Education (CTE) programs in Agriculture, Food & Natural Resources, Architecture and Construction, Arts, A/V Technology & Communications, Business Marketing and Finance, Education & Training, Health Science, Hospitality & Tourism, Human Services, Information Technology, Law and Public Service, Manufacturing and Engineering, and Transportation, Distribution & Logistics to help students explore their passions and prepare for in-demand careers. Admission to these programs is based on interest and aptitude, age appropriateness, and class space available.

US Army JROTC

Prosper ISD's U.S. Army Junior Reserve Officer 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.

Students in JROTC may participate in extracurricular activities such as the color guard and various competitions. Rock Hill High School currently hosts the JROTC program for all Prosper ISD students.

Advanced Academics

Honors and Advanced Placement Courses

Prosper ISD encourages students to challenge themselves academically by taking challenging courses aligned with their interests. Honors and AP courses offer increased depth and complexity, going beyond foundational knowledge to explore state standards (TEKS) and, in the case of AP, national standards set by the College Board®.

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.

Advanced Placement® (AP) Courses

The AP program offers high school students the opportunity to take college-level courses in a variety of subjects, including the arts, English, history, math, computer science, physical and life sciences, and world languages. Students are highly encouraged to take AP exams in May to demonstrate their 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.

Prosper ISD offers the following Advanced Placement courses:

- Art 2-D Art and Design
- Art 3-D Art and Design
- Art History
- Biology
- Calculus AB
- Calculus BC
- Capstone Research
- Capstone Seminar
- Chemistry
- Chinese Language
- Computer Science A
- Computer Science Principles
- Drawing
- English Language & Composition
- English Literature & Composition
- Environmental Science
- European History
- French Language
- Government & Politics
- Human Geography
- Latin
- Macroeconomics
- Music Theory
- Physics 1
- Physics 2
- Physics C
- PreCalculus
- Psychology
- Spanish Language
- Spanish Literature
- Statistics
- US History
- World History

Dual Credit

Dual Credit Courses

Prosper ISD offers dual credit opportunities with Collin College. Students enrolled in dual credit courses earn both high school and college credit simultaneously. Qualified high school students may enroll in specific dual credit courses as listed in the Prosper ISD Course Catalog starting the summer after their sophomore year. **Classes not listed in the Prosper ISD Course Catalog will not be approved for dual credit purposes.**

Students must meet college admission requirements and complete the application and registration process, including taking the TSIA (unless exempt). The [Texas Common Course Numbering System \(TCCNS\)](#) helps students view transferable courses offered by each institution and how universities evaluate community college courses.

Students are responsible for paying tuition, books, and fees associated with Collin College Dual Credit courses. Students with financial need should reach out to their counselor. The Prosper Education Foundation provides scholarships for one semester, 3-hour course, to students for Dual Credit and applications open in the spring. For more information please check the Counseling Department's website or the Advanced Academics Department's website.

Students should be aware of the scheduling differences between Collin College and Prosper ISD that may affect their class schedules. For instance, Prosper ISD classes might start earlier and end later than those at Collin College. Dual credit families are required to complete an attendance waiver, which outlines specific attendance guidelines, before each semester of dual credit courses.

It's important to note that there may be occasions when students need to attend dual credit classes even when Prosper ISD is not in session. Whether attending classes on their home campus or at the Celina Campus, students must adhere to the Collin College Academic Calendar and are responsible for attending classes during breaks, such as Fall and Spring Break, if those breaks do not coincide with Prosper ISD's schedule.

Students who anticipate missing a significant amount of class time are encouraged to reconsider enrolling in dual credit courses, as we cannot provide online access to assignments during absences or extended trips.

If a dual credit student is assigned to DAEP due to disciplinary consequences, the student will be dropped from the dual credit course. A student can be moved to an AP or on-level course if available. Campuses will handle cases where an equivalent AP or on level course is not available, on a case by case basis. Students will be responsible for contacting Collin with questions about college transcript grades if this occurs.

Grades earned in Dual Credit courses taken in person during the fall and spring semester are weighted, calculated into the student's high school GPA, and appear on the student's high school and college transcript. 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.

TSIA Exemptions

TSI Waiver Students may be exempt from taking the TSIA by receiving a Texas Success Initiative (TSI) waiver or exemption. The PSAT exemption option is only available to students enrolling in dual credit courses for the 2025-2026 school year. To receive a TSI Waiver (expires at high school graduation) a student would need one or more of the following scores:

- TSI ELAR waiver: PSAT Reading = 460+
- TSI MATH waiver: PSAT Math = 510+

OR

Students may also be exempt from taking the TSIA by receiving a high enough score on the SAT or ACT.

Meet TSI Criteria via SAT	Reading & Writing 480; Math 530
Meet TSI Criteria via ACT	Prior to 2/15/23; English 19; Math 19; Composite 23 After 2/15/23; English & Reading combined 40; Math 22

Qualified high school students may enroll in specific dual credit courses as listed in the Prosper ISD Course Catalog starting the summer after their sophomore year. The only exception to this rule is DC Medical Terminology and DC Pathophysiology which students may register for during their sophomore year.

Prosper ISD Dual Credit Courses 2025-2026

HS Endorsement	HS Dual Credit Course Title	Possible HS Credit	Collin College Course Title	College Hours
		0.5 = 1 sem 1.0 = 1 year		
Art				
Arts and Humanities	DC Art Appreciation	0.5	Art Appreciation	ARTS 1301 3
Electives				
Multidisciplinary Studies	DC Learning Frameworks	0.5	Learning Frameworks	EDUC 1300 3
English				
Multidisciplinary Studies	DC Eng III 1301	0.5	Composition I	ENGL 1301 3
	DC Eng III 1302	0.5	Composition II	ENGL 1302 3
	DC Eng IV 1301	0.5	Composition I	ENGL 1301 3
	DC Eng IV 1302	0.5	americanComposition II	ENGL 1302 3
	DC Eng IV 2322	0.5	British Literature I	ENGL 2322 3
	DC Eng IV 2323	0.5	British Literature II	ENGL 2323 3
Mathematics				
Multidisciplinary Studies	DC College Algebra 1314	0.5	College Algebra	MATH 1314 3
	DC Statistics 1342	0.5	Elementary Statistical Methods	MATH 1342 3
	DC Mathematics for Business and Social Sciences	0.5	Mathematics for Business and Social Sciences	MATH 1324 3
	DC Calculus for Business and Social Sciences	0.5	Calculus for Business and Social Sciences	MATH 1325 3

	DC Differential Equations	0.5	Differential Equations	MATH 2320	3
	DC Calculus III	0.5	Calculus III	MATH 2415	4
Science					
Multidisciplinary Studies	DC Biology 1 1408	0.5	Biology for Non-Science Majors I	BIOL 1408	4
	DC Biology 2 1409	0.5	Biology for Non-Science Majors II	BIOL 1409	4
	DC Biology 1 1406	0.5	Biology for Science Majors I	BIOL 1406	4
	DC Biology 2 1407	0.5	Biology for Science Majors II	BIOL 1407	4
Social Studies					
Multidisciplinary Studies	DC US Hist 1301	0.5	United States History I	HIST 1301	3
	DC US Hist 1302	0.5	United States History II	HIST 1302	3
	DC Econ	0.5	Principles of Macroeconomics	ECON 2301	3
	DC Govt	0.5	Federal Government	GOVT 2305	3
	DC Texas Government	0.5	Texas Government	GOVT 2306	3
Speech					
Business and Industry	DC Speech Communication	0.5	Communications Applications	SPCH 1311	3
Health Science					
Public Service	Medical Terminology	1.0	Medical Terminology	HITT 1305	3
			Pathophysiology	HPRS 2301	3
CNA					
Public Service	Health Science Theory/Health Science Clinical (CNA)	2	Nurse Aid for Health Care (Fall)	NURA 1401	4
			Basic Health Profession Skills II (Fall)	HPRS 2310	3
			Clinical-Nursing Aide and Patient Care Assistant (Spring)	NURA 1160	1
			End of Life Issues (Spring)	HPRS 1303	3
Electrocardiography					
Public Service	Practicum in Health Science: EKG Technician	2	Basic Health Professions Skills II (Fall)	HPRS 2310	3
			Medical Law and Ethics (Fall)	HPRS 2321	3
			Cardiovascular Concepts (Spring)	DSAE 2303	3
			Diagnostic Electrocardiography (Spring)	DSAE 1340	3
EMT					
Public Service	Emergency Medical Technician	2	Introduction to Emergency Medical Technician (Fall)	EMSP 1371	3
			Emergency Medical Technician (Spring)	EMSP 1501	5
			Clinical - Emergency Medical Technician (Spring)	EMSP 1160	1
Patient Care Technician					
Public Service	Practicum in Health Science: Patient Care Technician	2	Diagnostic Electrocardiography (Fall)	DSAE 1340	3
			Phlebotomy (Fall)	PLAB 1323	3
			Patient Care Technician/Assistant (Spring)	NUPC 1320	3
			Clinical – Nursing Assistant/Aide and Patient Care Assistant/Aide (Spring)	NUPC 1160	1
Rehab Aide					

Public Service	Practicum in Health Science: Rehab. Aide	2	The Profession of Physical Therapy (Fall)	PTHA 1201	2
			Introduction to Physical Therapy (Fall)	PTHA 1409	4
			Clinical – Physical Therapist Assistant (Spring)	PTHA 1160	1
			Basic Health Professions Skills II (Spring)	HPRS 2310	3

Articulated Courses at Collin College

Prosper ISD and Collin College have an agreement to award articulated college credit for specific high school courses. To qualify, students must enroll at Collin College, complete 3 additional credit hours (excluding remedial courses), and earn a grade of C or better in courses used toward this requirement (any concurrent or dual credit courses may also be used). Students must also pass an end-of-course exam and submit a Petition for Articulated Credit form to the Academic Partnership Office at Collin College within 12 months of high school graduation.

Collin College Course	Collin College Credit	Prosper ISD Course	PISD Credit
HPRS 1201 Introduction of Health Care Systems <i>Not articulated prior to 9th grade</i>	2	Principles of Health Science (PRHSC)	1

Dual Credit Location Options

	Courses Offered	Considerations
Prosper ISD Campus	<p>Core/CTE courses</p> <p>Exceptions: Practicum portions of Health Science courses are held at a hospital or other healthcare facility stipulated by Collin College.</p> <p>Science Courses are only available at Celina Campus.</p>	<p>These courses are staffed by Collin and are offered in person only.</p>
Celina Campus	<p>Students in the Celina Cohort will take two courses per day (Monday - Thursday) with a Biology science lab section on Fridays for Seniors. Students are expected to attend even when Prosper ISD is not in session.</p>	<p>Class Times:</p> <p>Monday- Thursday > 9:30-12:06</p> <p>Friday > 9:15-12:05 (Seniors only)</p>
Online Courses (Summer Only)	<p>All courses accepted for dual credit in Prosper ISD are eligible for summer online protected dual credit sections.</p> <p>Students must choose a 5 week or 10 week option. **PISD school year may begin prior to the end of the second summer session**</p>	<p>Online course grades are not calculated in GPA.</p>
<p>*Additional information: Online courses and courses taken outside of the school day, other than specific dual credit sections listed in the course guide, are considered concurrent enrollment. Concurrent enrollment courses operate independently of Prosper ISD.</p>		

Concurrent Enrollment

With concurrent enrollment, students take college courses exclusively for college credit. Grades earned in these courses are not reported to the high school and no high school credit is awarded. Contact Collin College if interested.

Grading and Reporting

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
- Earn a grade of 70 for each semester for a year long course
- 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.

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 attends fewer than 90 percent of the days the class is offered will be referred to the 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

Progress Reports and Report Cards are posted to 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
- discipline

Transfer Grades

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 prior to the start of each school year. Classification is for the entire school year. Students who are graduating a semester or year early must complete an application with their counselor prior to the start of the requested graduation 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 who has earned a minimum of 18 credits and who is enrolled in the correct courses that will allow for graduation.

Class Rank

Freshmen, sophomores, and juniors will have their GPA and class rank recalculated after each semester. Seniors are ranked at the end of each semester and after the third nine weeks to determine graduation honors. The seniors' official grade point average is determined at the end of the fourth nine weeks. Before GPA and class rank are calculated, new to Prosper ISD students must complete a semester of district coursework. Please refer to [Board Policy](#) EIC Local for more information on class ranking.

Exclusions

The calculation of class rank shall exclude grades earned outside of the regular school day or school year, including summer school; any correspondence course; any online course not approved by the principal and monitored and proctored by a District employee; any local credit course; and grades earned through Credit by Examination (CBE).

Weighted Courses and Grade Point Average

The District shall categorize and weight eligible courses as Advanced Placement (AP)/Dual Credit, 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 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

Dual Credit Grading

Dual credit grades are reported to the high school numerically. The numeric grade will be entered onto the transcript, weighted, and calculated in the student's high school GPA. In the event dual credit grades are reported as a letter grade, the following will apply:

A	95
B	85
C	75
D	70

Because colleges award credit for a letter grade D, the high school will award credit for a D.

*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.

Valedictorian and Salutatorian

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 school years immediately preceding graduation;
2. Be graduating after exactly eight 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 4 school years immediately preceding graduation;
2. Be graduating after exactly 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 GPAs after calculation to the third decimal place, the District shall recognize all students involved in the tie as sharing the honor and title. The District shall recognize the ten highest ranking students who have completed the Foundation Program with the Distinguished Level of Achievement.

UIL Eligibility

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”:
 - 1) 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.
 - 2) All students are academically eligible during Thanksgiving break, winter break and spring break.
 - 3) The grace period for eligibility is seven calendar days after evaluation, with the exception of holidays.
 - 4) 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.

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, AP English Language, AP English Literature, Dual Credit ENGL 1301 and 1302 (English Composition/Rhetoric), ENGL 2322 and 2323 (British Lit I & II)

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 Latin, Honors Spanish, AP Spanish Language, AP Spanish Literature, AP French Language, AP Latin, AP Chinese Language

Mathematics

Honors or GT Algebra I, Honors or GT Geometry, Honors Algebra II, Precalculus, AP Precalculus, AP Calculus AB, AP Calculus BC, AP Statistics, Multivariable Calculus, Linear Algebra, 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 2415 (Calculus III), Dual Credit MATH 2320 (Differential Equations)

Science

Anatomy & Physiology, Honors Biology, Honors Chemistry, AP Biology, AP Chemistry, AP Physics 1, AP Physics C, AP Physics 2, AP Environmental Science, Dual Credit Biology 1408 (Biology for Non-Science Majors I), Dual Credit Biology 1409 (Biology for Non-Science Majors II), Dual Credit Biology 1406 (Biology for Science Majors I), Dual Credit Biology 1407 (Biology for Science Majors II), Advanced Animal Science (Dual Enrollment - Tarleton State)

Social Studies

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

CTE

AP Computer Science A, AP Computer Science Principles

Other

AP Seminar, AP Research, Dual Credit, Dual Credit SPCH 1311 (Introduction to Speech Communications),

Alternate Methods of Earning Course Credit: Recovering Credit

Correspondence Courses

Students who have failed a course can retake it through correspondence courses, which must be approved in advance and meet Texas Essential Knowledge and Skills (TEKS) standards. Application and approval from the school counselor is required before enrolling. Although grades earned in correspondence courses are not factored into the student's GPA, credit is awarded, and the grade will appear on the transcript. It is recommended to take only one correspondence course at a time. Seniors needing credit for graduation must complete the course and submit their grade to their counselor by May 1st. All other students taking correspondence courses must complete the course by the deadline specified on the required application. The student is responsible for the cost of enrollment. For more information, contact the school counselor.

Helpful links for approved correspondence courses:

- <http://www.depts.ttu.edu/k12/programs/supplemental/>
- <https://highschool.utexas.edu/>
- <https://www.txvsn.org/>

Summer School

Students who fail courses may retake them in summer school. Grades earned in summer school are not calculated into the student's GPA, but credit is awarded and the grade will appear on the student's transcript. If students attend summer school in another Texas school district, credit will be awarded upon receipt of course completion records. The cost of enrolling in summer school is the responsibility of the student. Prosper ISD's summer school information is posted on the district website. Students with financial need should contact their counselor.

Credit by Examination

Students who have previously taken a course but failed 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 grades do not affect GPA, but credit is awarded, and the grade will appear on the transcript. The cost of CBE is the student's responsibility. CBE information is available from the campus testing coordinator, and study guides are available online. Exams will be administered on campus or at a district-assigned location.

Edgenuity

Students who have failed a course may recover credit by replacing an elective with a credit recovery period, with prior approval. Credit recovery is completed online through Edgenuity. Although grades earned in Edgenuity do not count towards GPA, credit is awarded, and the grade will appear on the transcript. For more information, contact the school counselor.

Alternate Methods of Earning Course Credit: Accelerating Credit

Students who wish to earn credits for high school acceleration may want to consider some nontraditional ways to earn high school credit.

Enroll in Approved Summer School Courses for Credit

Students seeking to earn credits through summer school must enroll in a Prosper ISD approved online program or another Texas school district, with prior counselor approval. Summer courses taken for original credit cannot be taken for End-of-Course (EOC) subjects, except for U.S. History dual credit through Collin College. Students must register, pay the required fees, successfully complete the course, and submit the grade to their counselor to receive credit. Summer school courses must be completed before the first day of the academic semester. While credit is awarded, the grades are not included in the student's GPA.

Credit by Examination (CBE) for Acceleration

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 need to complete an application and get counselor approval before the test is ordered. The course and CBE score will be recorded on the transcript but will not affect the student's GPA. Students may attempt the CBE for a specific course a maximum of two times. CBE information is available from the testing coordinator or the district website. The district covers the cost of the exam, and tests are administered on campus or at a district-assigned location.

Credit by Examination for World Languages (LOTE)

For students proficient in a language other than English (LOTE), Prosper ISD offers CBEs through Avant Assessment. These exams are conducted on predetermined dates. Contact the counseling office for more information. Exams are administered on campus or at district-assigned locations.

Correspondence Courses

Students may take approved correspondence courses to earn high school credit. The courses must be TEKS-based. Application and approval from the school counselor is required before enrolling. Although grades earned in correspondence courses are not factored into the student's GPA, credit is awarded, and the grade will appear on the transcript. It is recommended to take only one correspondence course at a time. Seniors needing correspondence course credit for graduation must complete the course and submit their grade by May 1st. All other students must complete the course by the deadline specified on the application. The cost of correspondence courses is the student's responsibility.

Helpful links for approved correspondence courses:

- <http://www.depts.ttu.edu/k12/programs/supplemental/>
- <https://highschool.utexas.edu/>
- <https://www.txvsn.org/>

College Information

College Readiness Assessments

Prosper ISD recommends students take the SAT® and/or ACT® before the spring of their junior year. Students requiring accommodations for either exam should apply through the respective websites at least six months before testing. For more information about testing and accommodations, contact the campus testing coordinator.

ACT

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

SAT

The SAT®, published by the College Board, measures critical thinking skills needed for success in college, 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. Some 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:

- Prior to 2/15/23; English 19; Math 19; Composite 23
- After 2/15/23; English & Reading combined 40; Math 22

SAT:

- A minimum score of 530 on the Mathematics test for a TSI exemption in math (no combined score required);
- A minimum score of 480 on the Evidenced-Based Reading & Writing (EBRW) for a TSI exemption in both reading and writing (no combined score required)

PSAT/NMSQT

The Preliminary SAT®/National Merit Scholarship Qualifying Test, is a co-sponsored program by the College Board and National Merit Scholarship Corporation (NMSC). PSAT/NMSQT stands for Preliminary SAT/National Merit Scholarship Qualifying Test. It is a standardized test that provides first hand practice for the SAT Reasoning Test™. It also gives juniors a chance to enter National Merit Scholarship

Corporation (NMSC) scholarship programs. The PSAT/NMSQT measures critical reading skills, math problem-solving skills, and writing skills. Prosper ISD administers the PSAT to all sophomores and juniors in the fall at no cost. Students receive feedback in regards to strengths and weaknesses on skills necessary for college study so they can then focus their preparation on those areas that could most benefit from additional study or practice. The PSAT does not qualify to meet College and Career Readiness standards nor is it used as a substitute for the TSI for college admittance purposes.

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 TSIA. Click on the links below to explore the tools students can access:

- ACT, SAT and TSI Prep in [Edgenuity](#)—students register through the student portal and complete a free test prep course.
- [Khan Academy](#) (type SAT/ACT/TSIA in search; helpful modules populate)
- [TSI](#)
- [SAT](#)
- [ACT](#)

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: <http://www.collegeforalltexas.com/apps/financialaid/tofa2.cfm?ID=458>

FAFSA

Students in their final year of high school should apply for financial aid early in their final year and each following year, as long as they are in post-secondary education or training. Federally funded grants and loans are available to students through the completion of the [FAFSA application](#). FAFSA submission will be available starting in December of senior year.

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

Top 10% Rule and Automatic Admission to Texas Public Universities

Students graduating in the top 10% of their class are eligible for [automatic admission](#) to most public universities in Texas. However, the automatic admission rate for the University of Texas at Austin is limited to the top 5% for the class of 2026 and beyond. To qualify for automatic admission, students must:

- Graduate in the top 10% of their class from a Texas public or private high school.
- Enroll in college within two years of graduating from high school.

Senate Bill 175, passed in 2009, allows the University of Texas at Austin to cap automatic admissions to 75% of its freshman class. Students must submit an application to a Texas public university before the

institution's deadline. While SAT® or ACT® scores may be required, these scores are not used for admission decisions under the automatic admission policy.

Students must also take the Texas Success Initiative (TSI) Assessment, unless exempt. It's recommended that students verify TSI, SAT®, and ACT® requirements with the university's admissions office.

Even with automatic admission, universities may review students' high school records to assess readiness for college-level work. If a student requires additional preparation, they may be asked to take developmental, enrichment, or orientation courses prior to starting their first semester. Note that automatic admission to a university does not guarantee admission to specific programs or departments.

Prospective College Athletes

High school students planning to participate in Division I or Division II college athletics must register with the National Collegiate Athletic Association (NCAA) after completing their junior year. The NCAA 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 www.eligibilitycenter.org.

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.

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:

- 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

Academic Planning and Course Selection

Course Selection Guidelines

Parent/guardian and student informational meetings will be held during the course selection window. Students will choose 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.

Course Change Requests

The last day of the school year is the final day for any course change requests.

- **Changes Before 2025-2026 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.
 - Schedules may change to move students to a new course due to original course selections being no longer available.
- **Changes After the 2025-2026 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.
 - Students need to be moved to balance classes.
 - Student's schedule has the same course listed twice or is missing a class.

Leveling Down

Students can request to level down from an Honors or AP course at the end of the sixth week of school and at the end of the first semester. Grades from the dropped class will be transferred to the new class. 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; please note, students dropping at semester will not receive a 10 point addition to the grade as the semester will have ended. This timeline applies to dropping a course to move into an early release/late arrival period.

*Students moving from GT Humanities I to Honors English I, GT Humanities II to AP World History, GT American Studies to AP English/AP US History, and GT Geometry to Honors Geometry do not get the 10 points since they are equivalent GPA levels courses.

*Students and parents/guardians must discuss a plan for success with their teacher by the due date and submit the form to the counselor. For students who are taking an AP level class that does not have a class to level down to (i.e. AP Biology, AP Chemistry, etc.), dropping the course is only allowed at the semester.

Leveling Up

Students may level up to an Honors or AP course through the end of the first three week period of the fall semester with teacher recommendation. The student may be required to complete additional work to close any learning gaps.

Elective Changes

Elective changes may not be requested during the school year. Students may request program changes ie: athletics, band, and choir. Counselors will require director/coach approval in writing prior to making the schedule change.

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).

4 Year Planning

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 worksheet 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—that is by projecting their post secondary plans in order to make the best possible decisions now. Once high school comes to an end, the student's course of study should have adequately prepared the student for post-secondary education and goals.

Before high school begins, it is important to understand how grade point average (GPA) will be cumulatively calculated with every high school credit course. Students can begin to review the PISD GPA policy and learn about the importance of GPA, rank, and the high school transcript.

- Students can begin exploring different academic pathways and course options in Prosper ISD, including:
 - Advanced Placement (AP) courses
 - Athletics
 - Career and Technical Education (CTE) Programs
 - Dual Credit
 - Fine Arts
 - Junior Reserve Officer Training Corps (JROTC)
- Students earn one or more of five endorsements as part of their high school graduation requirements. Many students will earn additional endorsements by graduation simply by taking courses they are interested in. The endorsements are:
 - Arts and Humanities
 - Business and Industry

- Multidisciplinary Studies
- Public Service
- Science, Technology, Engineering, and Math (STEM)

During 9th Grade

- Join clubs and organizations. Your extracurricular involvement should highlight your passions, interests, and one day leadership skills.
- Build relationships with your teachers, counselors and clubs/organizations.
- Continue to review high school graduation requirements. Pass high school credit courses with a 70 or above in order to earn .5 credit each semester for each course!
- Passing End of Course (EOC) exams is also required for high school graduation. Many 9th graders take 3 EOC courses and exams (English 1, Algebra 1, Biology).
- Review your 4-year plan and make adjustments in course selections for 10th - 12th Grade.
 - If you really enjoy your CTE courses, have you planned to take additional courses in your chosen pathway?
 - Are you taking enough challenging courses or not enough? Think about the right balance for you! Consider an advanced course or one of the suggested initial AP courses.

During 10th Grade

- Get involved or stay involved in school activities.
- Plan junior and senior year with graduation requirements in mind.
- Consider career plans- take career assessments in Xello.
- Begin thinking about what you want in college.
- Start your resume in Xello.
- Pass the English 2 EOC.
- Take the PSAT in October.
- Practice for future PSAT/SAT/ACT tests by linking your College Board account (after PSAT scores are returned) to Khan Academy for individualized practice.
- Take the optional ASVAB exam when your campus advertises the opportunity.
- Industry Based Certificates (IBC) can provide students work-ready credentials and can be available to students who complete certain CTE pathways. Review your 4-year plan and make adjustments in course selections for 11th - 12th Grade.
 - If you are interested in Dual Credit Courses, it's time to review the admission criteria so you are prepared to enroll when the time comes.
 - If you really enjoy your CTE courses, have you planned to take additional courses in your chosen pathway?

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 any College Fair events.

- Plan College visits. Juniors can get two excused absences to do so.
- Take PSAT in October (juniors are testing for National Merit status)
- Practice for spring administration of ACT or SAT by linking your College Board account to Khan Academy for individualized practice.
- Review your 4-year plan and make adjustments in course selections for 12th Grade.

During 11th Grade (Spring)

- Take the optional ASVAB exam when your campus advertises the opportunity.
- Attend college events for juniors to learn more about admissions 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 NCAA, if you are a potential college athlete.
- Take the ACT or SAT, if your college requires it for admission. SAT is administered to all PISD 11th grade students in the spring.
- Industry Based Certificates (IBC) can provide students work-ready credentials and can be available to students who complete certain CTE pathways.
- Pass the US History EOC.

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.
- Write down and keep up with deadlines (admissions, financial aid, scholarships, etc.).
- Retake ACT/SAT if needed. Send scores to colleges you will be applying to.
- Take the optional ASVAB exam when your campus advertises the opportunity.
- Review TSIA requirements and exemptions if you will be attending college in Texas.
- Submit the FAFSA. Seniors must submit the FAFSA, TASFA, or opt-out form in order to graduate.
- Begin applying for scholarships.

During 12th Grade (Spring)

- Apply for scholarships.
- Be aware of deadlines to submit deposits for fall.
- Select your college by May 1.
- Send the request for your final high school transcript to be sent to your college.
- Graduation.

Personal Graduation Plan Overview

Personal Graduation Plan Overview



Student Name _____

ID # _____

Expected Graduation Date: _____

Endorsement Selected:

- | | |
|--|--|
| <input type="checkbox"/> STEM | <input type="checkbox"/> Multidisciplinary |
| <input type="checkbox"/> Arts & Humanities | <input type="checkbox"/> Public Services |
| <input type="checkbox"/> Business & Industry | |

STAAR EOC Checklist:

- | | |
|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> English I | <input type="checkbox"/> Biology |
| <input type="checkbox"/> English II | <input type="checkbox"/> US History |
| <input type="checkbox"/> Algebra I | |

English Language Arts - 4 credits

- English I
- English II
- English III
- English IV

Social Studies - 4 credits

9th Grade Options (Choose 1)

- World Geography
- AP Human Geography

10th Grade Options (Choose 1)

- World History
- African American Studies
- Mexican American Studies
- US History (11th)
- Government (12th - 1 semester)
- Economics (12th - 1 semester)

Languages Other Than English - 2 credits

- _____
- _____

Fine Arts - 1 credit

- _____

Physical Education - 1 credit

- _____

Mathematics - 4 credits

- Algebra I (required)
- Geometry (required)
- Algebra II (required)
- Advanced Math
- _____

Science - 4 credits

- Biology
- Chemistry
- Advanced Science
- _____
- _____

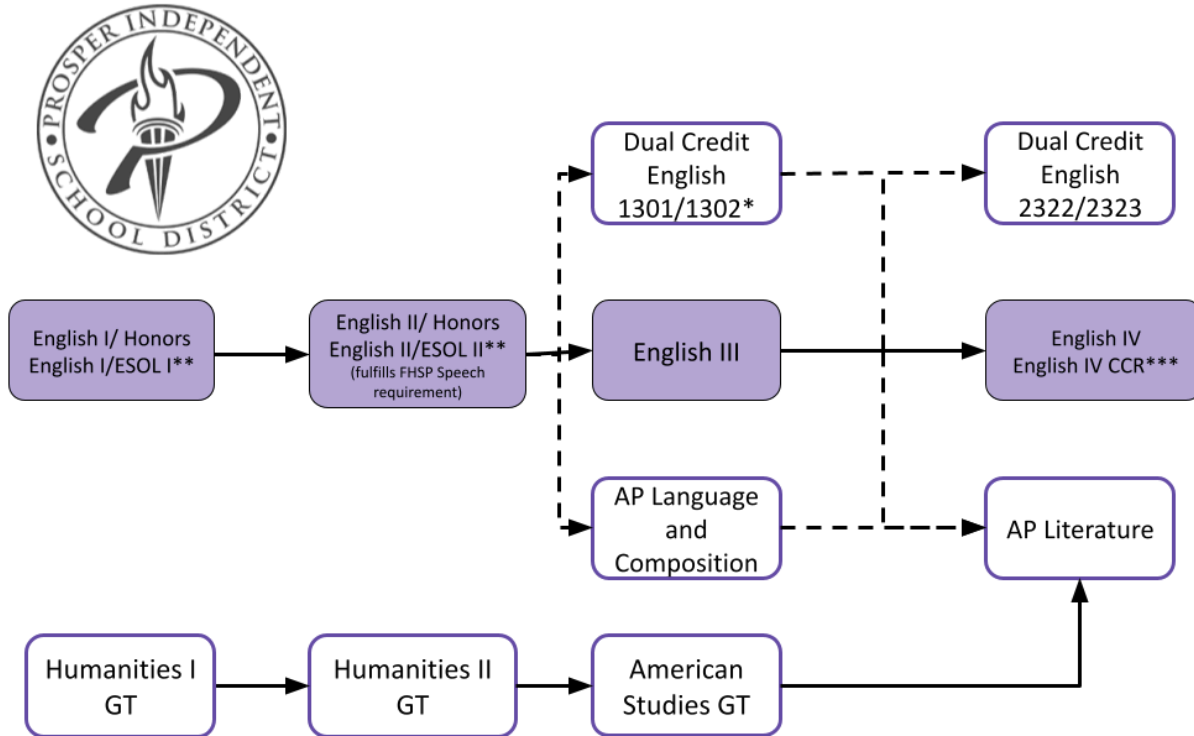
Elective Courses (6 credits)

- Elective 1 _____
- Elective 2 _____
- Elective 3 _____
- Elective 4 _____
- Elective 5 _____
- Elective 6 _____

Course Descriptions

English

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, 1 credit, On-Level weighted GPA

Building 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.

Prerequisite: None

Honors English I

EN110A/B

Grade 9, 1 credit, Honors weighted GPA

In this Honors course, students cover the same standards as the English 1 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.

Prerequisite: None

Humanities I GT

GTHU1A/B

Grade 9, 1 credit, Honors weighted GPA

Humanities I GT 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.*

Prerequisite: PISD GT Identification

English for Speakers of Other Languages (ESOL) I

EN150A/B

Grade 9, 1 credit, On-Level weighted GPA

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*

Prerequisite: LPAC Recommendation

English II

EN200A/B

Grade 10, 1 credit, On-Level weighted GPA

This course builds on skills from freshman English. 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.*

Prerequisite: English I/Honors English I

Honors English II

EN210A/B

Grade 10, 1 credit, Honors weighted GPA

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.*

Prerequisite: English I/Honors English I

English for Speakers of Other Languages (ESOL) II

EN250A/B

Grade 10, 1 credit, On-Level weighted GPA

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.*

Prerequisite: LPAC recommendation

English III

EN300A/B

Grade 11, 1 credit, On-Level weighted GPA

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.

Prerequisite: English II/Honors English II

AP English III

EN320A/B

Grade 11, 1 credit, AP/DC weighted GPA

Advanced Placement English Language and Composition 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.

Prerequisite: English II/Honors English II

GT American Studies

GTEN3A/B

Grade 11, 2 credits, AP/DC weighted GPA

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.

Prerequisite: PISD GT Identification

English IV

EN400A/B

Grade 12, 1 credit, On-Level weighted GPA

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.

Prerequisite: English III/Honors English III

English IV - CCR

EN400A/B

Grade 12, 2 credits, 1 credit On-Level weighted GPA, 1 credit No GPA awarded

EN4CPA/B

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. *Completion of this course fulfills the state English IV graduation requirement.* 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.

Prerequisite: English III and Counselor Approval*

AP English IV

EN420A/B

Grade 12, 1 credit, AP/DC weighted GPA

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.

Prerequisite: English III/Honors English III/AP English III

Composition I (English IIIA or IVA): ENGL 1301 - Dual Credit

EN3210

EN431A

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 3 College Hours

This course 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.

Prerequisite: College acceptance and registration required

Corequisites: If you take this course, you must also take EN3220/EN431B - (ENGL 1302)

Composition II (English IIIB or IVB): ENGL 1302 - Dual Credit

EN3220

EN431B

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 3 College Hours

This course 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.

Prerequisite: College acceptance and registration required

Corequisites: If you take this course, you must also take EN3210/EN431A -(ENGL 1301)

British Literature (English IVA) : ENGL 2322 - Dual Credit

EN430A

Grade 12, 0.5 credit, AP/DC weighted GPA. 3 College Hours

A survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts.

Prerequisite: ENGL 1302, college acceptance and registration required

Corequisites: If you take this course, you must also take ENGL 2323.

British Literature (English IVB) : ENGL 2323 - Dual Credit

EN430B

Grade 12, 0.5 credit, AP/DC weighted GPA, 3 College Hours

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.

Prerequisite: ENGL 2322, college acceptance and registration required

Corequisites: If you take this course, you must also take ENGL 2322.

English Language Arts: Electives**Debate I**

DEBA1A/B

Grade 9-12, 1 credit, Honors weighted GPA

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.

Prerequisite: None

Debate II

DEBA2A/B

Grade 10-12, 1 credit, Honors weighted GPA

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.

Prerequisite: Debate I

Debate III

DEBA3A/B

Grade 11-12, 1 credit, Honors weighted GPA

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 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.

Prerequisite: Debate II

Debate IV

DEBA4A/B

Grade 11-12, 1 credit, Honors weighted GPA

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 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.

Prerequisite: Debate III

Creative Writing

CREAWA/B

Grade 11-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

Personal and Academic Skills (PASS)

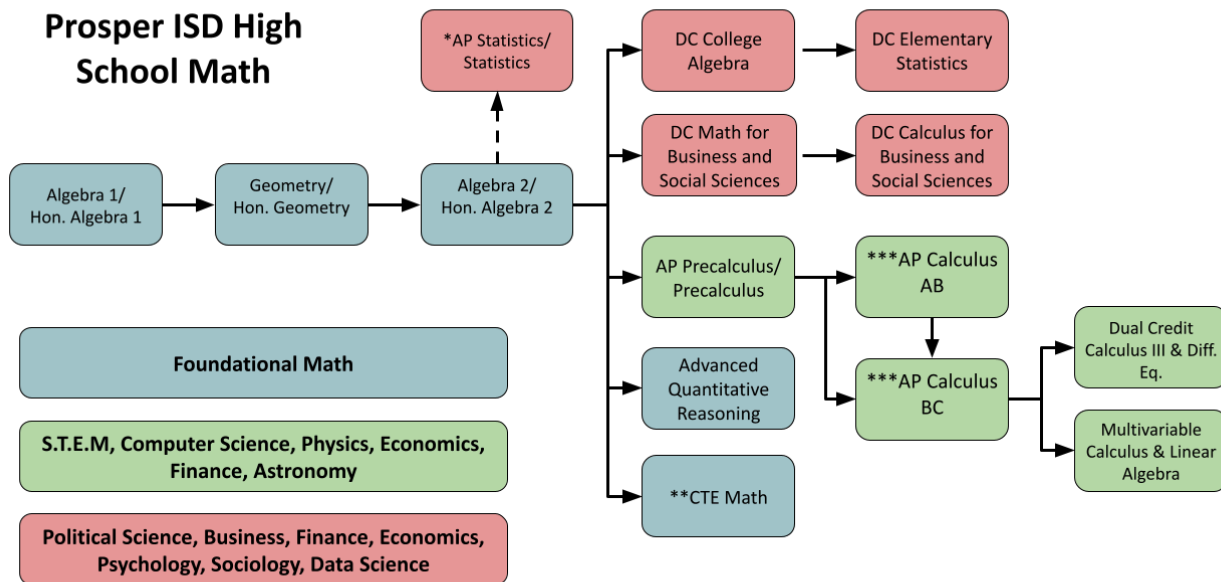
PASSA/B

Grade 9, .5-1.0 credit, On-Level weighted GPA

Personal and Academic Skills (P.A.S.S.) ELAR is a comprehensive support program designed to ensure 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, P.A.S.S. ELAR creates a strong foundation for students' ongoing achievement in ELAR.

Prerequisite: Counselor Approval

Mathematics



- *AP Statistics can be taken concurrently with any math course after Algebra 2, and is a good AP option for students considering non-STEM fields.
- **CTE Math courses are intended for seniors only, fulfilling the fourth math credit requirement.
- ***Recommended factors for selecting AP Calculus AB versus AP Calculus BC:
 - Passed AP Precalculus with a 1, 2, or 3 on the AP Exam → AP Calculus AB
 - Passed AP Precalculus with a 4 or 5 on the AP Exam → AP Calculus BC
 - Passed AP Precalculus with no AP Exam score → AP Calculus AB
 - Passed Precalculus → AP Calculus AB

Mathematics Core Classes

Algebra I

MA100A/B

Grade 9, 1 credit, On-Level weighted GPA

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.

Prerequisite: Math 8

Honors Algebra I

MA110A/B

Grade 9, 1 credit, Honors weighted GPA

This course addresses all of the concepts presented in the Algebra 1 class described above with a great emphasis on depth and complexity and moving quickly through foundational knowledge to application of the standards.

Prerequisite: Math 8

Geometry

MA200A/B

Grade 9-10, 1 credit, On-Level weighted GPA

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.

Prerequisite: Algebra I

Honors Geometry

MA210A/B

Grade 9-10, 1 credit, Honors weighted GPA

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.

Prerequisite: Algebra I

GT Geometry

MA212A/B

Grade 9, 1 credit, Honors weighted GPA

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.

Prerequisite: Algebra I and Prosper ISD GT Identification

Algebra II

MA300A/B

Grade 10-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Algebra I

Recommended Prerequisite: Geometry

Honors Algebra II

MA310A/B

Grade 9-12, 1 credit, Honors weighted GPA

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.

Prerequisite: Algebra I

Recommended Prerequisite: Geometry

Algebraic Reasoning

MA3ARA/B

Grade 11, 1 credit, On-Level weighted GPA

Students will continue to develop understanding of algebraic relationships, representations, and processes, in this course, that will strengthen their foundation for studies in subsequent mathematics courses. They will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

This course must be taken before Algebra II. Enrollment is limited to students who have demonstrated that they are at risk of not passing Algebra II.

Prerequisite: Algebra I and Counselor Approval

Advanced Quantitative Reasoning

MA4QRA/B

Grade 12, 1 credit, On-Level weighted GPA

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.

Prerequisites: Geometry and Algebra II

Statistics

MA4STA/B

Grade 11-12, 1 credit, On-Level weighted GPA

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 economics, business, psychology, biology, 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.

Prerequisite: Algebra I

Recommended Prerequisites: Geometry and Algebra II

AP Statistics

MA4ASA/B

Grade 10-12, 1 credit, AP/DC weighted GPA

Taking 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. AP Statistics also strengthens students' ability to critically evaluate data from sources such as media, politics, and scientific studies, fostering informed decision-making. Furthermore, it lays a solid foundation for college majors like economics, business, psychology, biology, and data science, where statistical analysis is vital.

Prerequisites: Algebra I, Geometry and Algebra II

Precalculus

MA400A/B

Grade 11-12, 1 credit, On-Level weighted GPA

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 investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, use technology to build understanding, make connections between representations, and provide support in solving problems.

Prerequisites: Algebra I, Geometry and Algebra II

AP Precalculus

MA422A/B

Grade 10-12, 1 credit, AP/DC weighted GPA

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 and is not exclusively focused on preparation for future courses.

Prerequisites: Algebra I, Geometry and Algebra II

AP Calculus AB

MA420A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

This course 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 notes in the program pathways (page 46).

Prerequisites: Precalculus or AP Precalculus

AP Calculus BC

MA421A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

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 recommendations to take Calculus AB or Calculus BC, please see notes in the program pathways (page 46).

Prerequisite: AP Precalculus

College Algebra: MATH 1314 - Dual Credit

MA435A

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 3 College Hours

College Algebra 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. Graphing calculator may be required. College Acceptance is required.

Prerequisite: Geometry and Algebra II, MATH 0314 with a grade of C or better, or MATH 0324 with a grade of C or better, or meet TSI college-readiness standard for Mathematics; or equivalent. College acceptance and registration required.

Recommended Corequisite: MATH 1342 Elementary Statistical Methods (Spring Semester)

Elementary Statistical Methods: MATH 1342 - Dual Credit

MA435B

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 3 College Hours

College Statistics 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. Graphing calculator may be required. College acceptance and registration required.

Prerequisite: Geometry and Algebra II, MATH 0314 with a grade of C or better, or MATH 0324 with a grade of C or better, or meet TSI college-readiness standard for Mathematics; or equivalent.

Recommended Corequisite: MATH 1314 College Algebra (Fall Semester)

Mathematics for Business and Social Sciences: MATH 1324 - Dual Credit

MA4222

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 3 College Hours

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, including simple and compound interest and annuities; systems of linear equations; matrices; linear programming; and probability, including expected value. Graphing calculator required. Lab required.

Prerequisite: MATH 0314 with a grade of C or better, or MATH 0324 with a grade of C or better, or meet TSI college-readiness standard for Mathematics; or equivalent; college acceptance and registration required.

Recommended Corequisite: MATH 1325 Calculus for Business and Social Sciences (Spring Semester)

Calculus for Business and Social Sciences: MATH 1325 - Dual Credit

MA4223

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 3 College Hours

This course 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.

Prerequisite: MATH 1314, or MATH 1324; or equivalent. college acceptance and registration required.

Recommended Corequisite: MATH 1324 Math for Business and Social Sciences (Fall Semester)

Calculus III: MATH 2415 - Dual Credit

MA4220

Grade 12, 0.5 credit, AP/DC weighted GPA, 4 College Hours

Calculus III 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.

Prerequisite: AP score of 4 or 5 on Calculus (BC), college acceptance and registration required

Corequisite: MATH 2320 Differential Equations (Spring Semester)

Differential Equations: MATH 2320 - Dual Credit

MA4221

Grade 12, 0.5 credit, AP/DC weighted GPA, 3 College Hours

Differential Equations 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.

Prerequisite: AP score of 4 or 5 on Calculus (BC), college acceptance and registration required

Corequisite: MATH 2415 Calculus III (Fall Semester)

Multivariable Calculus

MULCAL

Grade 12, 0.5 credit, Honors weighted GPA

Multivariable Calculus takes the concepts learned in the single variable calculus course and extends them to multiple dimensions. Topics discussed include: vector algebra; applications of the dot and cross product; equations of lines, planes, and surfaces in space; converting between rectangular, cylindrical, and spherical coordinates; continuity, differentiation, and integration of vector-valued functions; application of vector-valued functions such as curvature, arc length, speed, velocity, and acceleration; continuity, limits, and derivatives of multivariable functions, tangent planes and normal lines of surfaces; applying double and triple integrals to multivariable functions to find area, volume, surface area, mass, center of mass, and moments of inertia; vector fields; finding curl and divergence of vector fields; line integrals; conservative vector fields, conservation of energy; Green's Theorem; parametric surfaces, including normal vectors, tangent planes, and areas; orientation of a surface; Divergence Theorem; and Stokes's Theorem. This course is designed as an additional math course for those students who have successfully completed AP Calculus BC and have an interest in continuing their mathematical studies while in high school.

Prerequisite: AP Calculus BC

Linear Algebra

LINALG

Grade 12, 0.5 credit, Honors weighted GPA

Students are introduced to linear algebra, a subject with widespread applications in other areas of mathematics, such as multivariable calculus, differential equations, and probability theory, as well as in the physical and social sciences and engineering. This is probably the student's first extensive encounter with postulational or axiomatic mathematics. However, the emphasis is on the computational and geometrical aspects of the subject, keeping the abstractions down to a minimum. Students begin with vectors and matrices and progress to systems of linear equations before gradually becoming acquainted with vector spaces and linear transformations. They learn to use the fundamental processes of Gauss-Jordan row reduction, find the inverse of a matrix, find the determinant via row reduction, find a basis using row reduction, shrink a finite spanning set to a basis, enlarge a linearly independent set to a basis, perform the GramSchmidt Process, diagonalize a linear operator, orthogonally diagonalize a symmetric operator, and find the dominant eigenvalue using the power method. This course is designed as an additional math course for those students who have successfully completed AP Calculus BC and Multivariable Calculus and have an interest in continuing their mathematical studies while in high school.

Prerequisite: AP Calculus BC and Multivariable Calculus

College and Career Ready Math

MA4CPA/B

Grade 12, 1 credit, On-Level weighted GPA

College and Career Ready 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** in Math during the spring of their senior year. This course fulfills students' requirement for a fourth mathematics credit under the Foundation Plan or Distinguished Level of Achievement Plan. Successful completion of this course earns a Texas Success Initiative (TSI) exemption at Collin College. *Students who have met TSI criteria in math are not eligible to enroll in this course.

Prerequisite: Algebra II and Counselor Approval

CTE Courses for Math Credit

AP Computer Science A

MA520A/B

Grade 10-12, 2 credits, AP/DC weighted GPA

FCSAPA/B

This course offers an emphasis on object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first semester college-level course in Computer Science. The course includes the study of data structures, design, and abstraction using the Java programming language. Students who take AP courses should take the AP exam in May. This course may fulfill the fourth credit of math. Course Note: Two credits in computer programming which includes, Computer Science I, II, 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.

Recommended Prerequisite: Honors Computer Science I

Prerequisite: Algebra I

Accounting II

HACT2A/B

Grade 11-12, 1 credit, Honors weighted GPA

Students create, analyze, and interpret financial information including the creation of financial statements and financial ratios. This course provides opportunities to earn a certification in QuickBooks. This course may fulfill the fourth math credit.

Prerequisite: Accounting I

Robotics II

ROBO2A/B

Grade 10-12, 1 credit, On-Level weighted GPA

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 fulfills the fourth math credit.

Required Prerequisite: Robotics I

Science

Prosper ISD Science Track

Endorsement:

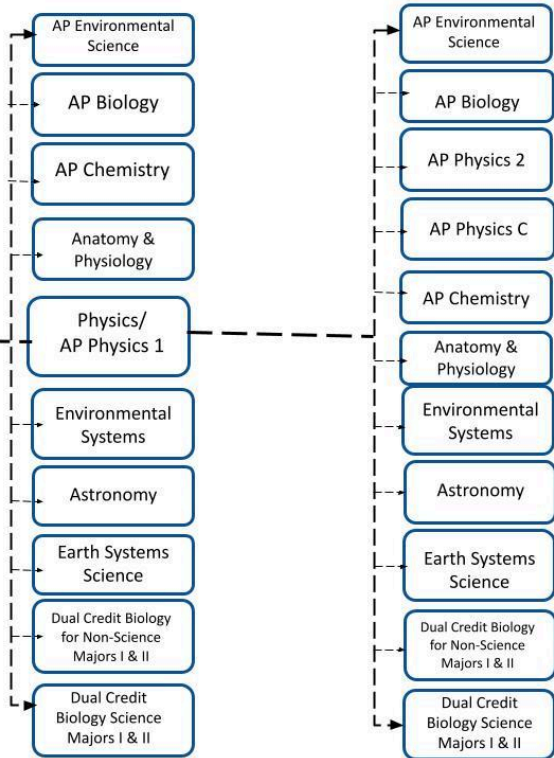
- Multidisciplinary
- Arts and Humanities
- Business and Industry
- Public Services

Biology/
Honors
Biology

Chemistry/
Honors
Chemistry



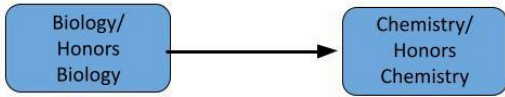
Note: There are additional CTE courses that fulfill the science credit requirement.



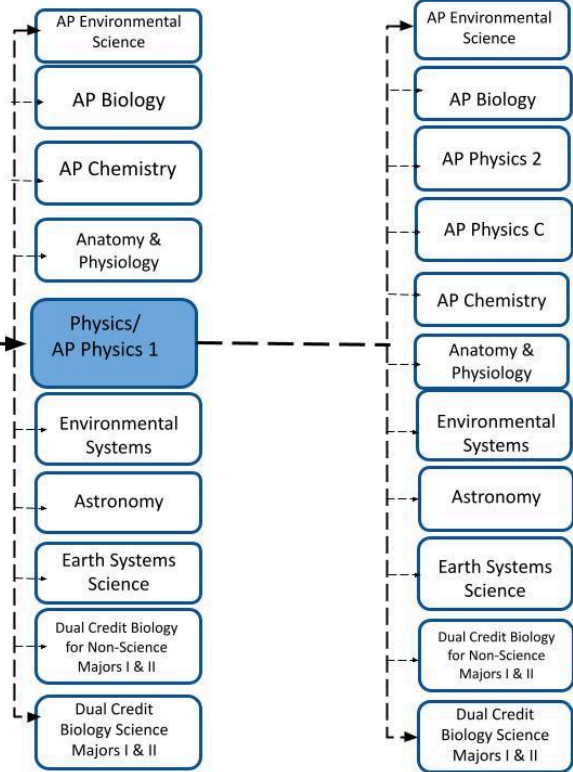
Prosper ISD STEM Science Track

Endorsement:

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



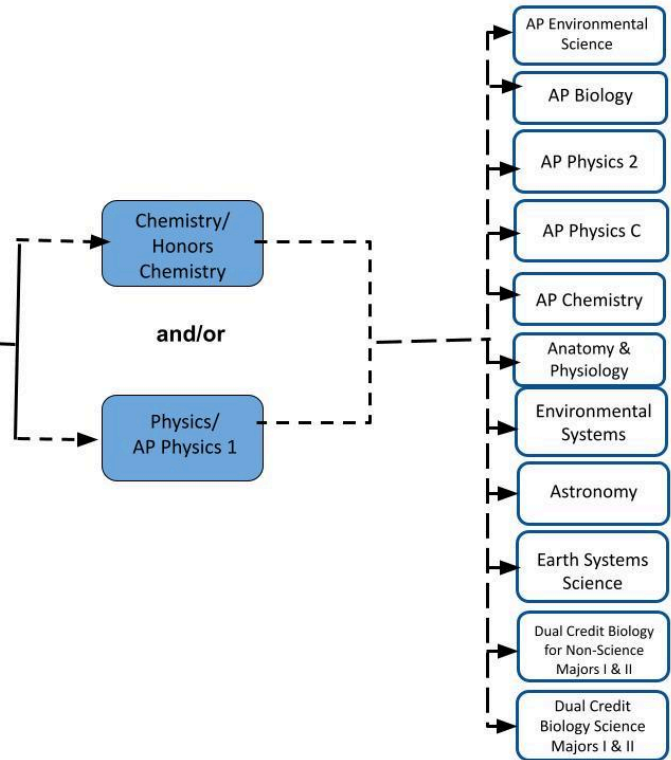
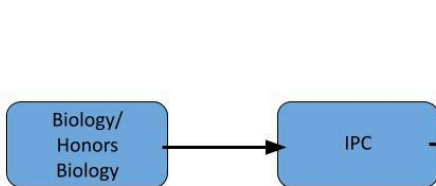
Note: There are additional CTE courses that fulfill the science credit requirement.



Prosper ISD IPC Science Track

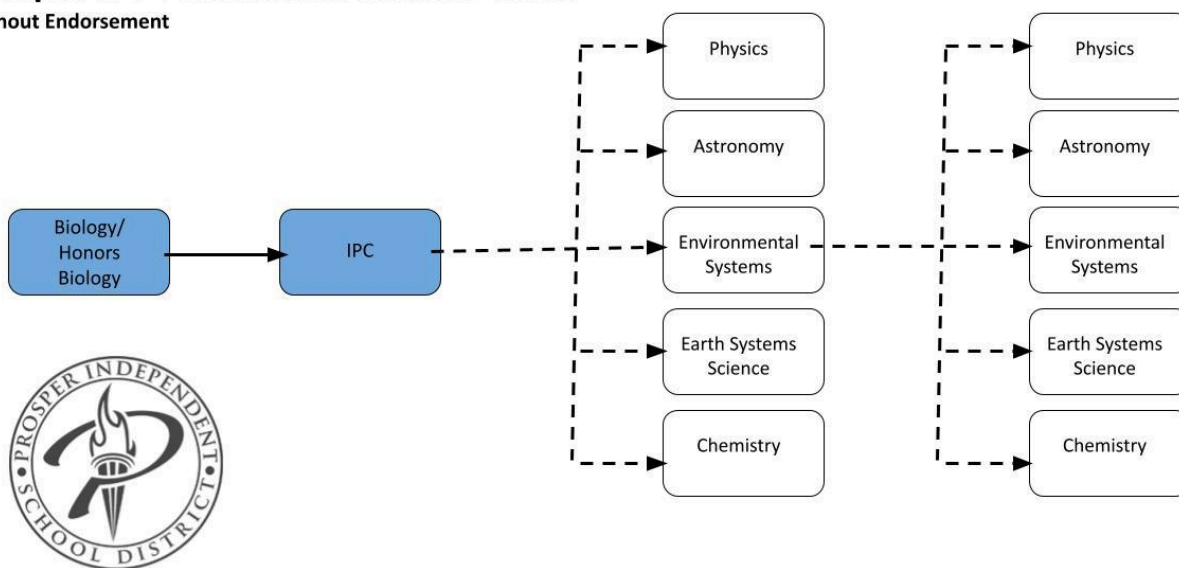
Endorsement:

- Multidisciplinary



Prosper ISD Foundation Science Track

Without Endorsement



Note: May only be selected with administrator & parent approval at the conclusion of the 9th grade year.

Science Core Courses

Biology

SC100A/B

Grade 9, 1 credit, On-Level weighted GPA

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. *Completion of this course also fulfills the state requirement for cardiopulmonary resuscitation (CPR) training.*

Prerequisite: None

Honors Biology

SC110A/B

Grade 9, 1 credit, Honors weighted GPA

Honors Biology covers the same objectives as Biology in more depth and complexity. This course also prepares students for Advanced Placement Biology. *Completion of this course also fulfills the state requirement for cardiopulmonary resuscitation (CPR) training.*

Prerequisite: None

Chemistry

SC200A/B

Grade 10, 1 credit, On-Level weighted GPA

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.

Prerequisite: One high school science and Algebra I

Honors Chemistry

SC210A/B

Grade 10, 1 credit, Honors weighted GPA

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.

Prerequisite: One high school science and Algebra I

AP Biology

SC120A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

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.

Prerequisite: Biology or Honors Biology and Chemistry or Honors Chemistry

Integrated Physics & Chemistry (IPC)

SC000A/B

Grade 10, 1 credit, On-Level weighted GPA

Integrated Physics and Chemistry is designed for students to conduct laboratory investigations, use scientific practices during investigation, and 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.

Prerequisite: None

Earth Systems Science

ESSCIA/B

Grade 11-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Algebra I and two credits of high school science

Astronomy

ASTRMA/B

Grade 11-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Algebra I and Integrated Physics and Chemistry or Chemistry.

AP Chemistry

SC220A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

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.

Prerequisite: Chemistry or Honors Chemistry and Algebra II

Physics

SC300A/B

Grade 11-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Algebra 1

AP Physics 1

SC321A/B

Grade 10-12, 1 credit, AP/DC weighted GPA

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.

Prerequisite: Algebra I and Geometry

Corequisite: Chemistry and PreCalculus or Algebra II

AP Physics 2

SC322A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

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, electric circuits, magnetism and electromagnetism, geometric optics, waves, sound, and physical optics, and modern physics.

Prerequisite: Physics or AP Physics 1

Corequisite: PreCalculus

Environmental Systems

ENVSYA/B

Grade 10-12, 1 credit, On-Level weighted GPA

Environmental Systems, through the use of field and laboratory investigations, students will draw conclusions using critical thinking and scientific problem solving. 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.

Prerequisite: Biology

Corequisite: IPC or Chemistry

AP Physics C

SC320A/B

Grade 12, 2 credits (1 period), AP/DC weighted GPA

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.

Prerequisite: AP Physics 1 or Physics

Corequisite: Calculus

AP Environmental Science

SC420A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

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 environmental problems both natural and human-made, 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.

Prerequisite: Biology and Chemistry

Biology for Non-Science Majors: BIOL 1408- Dual Credit

SC130A

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 4 College Hours.

Lecture: Provides a survey of biological principles with an emphasis on humans, including chemistry of life, cells, structure, function, and reproduction. Lab: Laboratory activities will reinforce a survey of biological principles with an emphasis on humans, including chemistry of life, cells, structure, function, and reproduction. This course includes a lab and is taught at Collin College in Celina.

Prerequisite: College acceptance and registration required

Corequisites: If you take this course, you must also take BIOL 1409

Biology for Non-Science Majors II: BIOL 1409- Dual Credit

SC130B

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 4 College Hours.

Lecture: This course will provide a survey of biological principles with an emphasis on humans, including evolution, ecology, plant and animal diversity, and physiology. Lab: Laboratory activities will reinforce a survey of biological principles with an emphasis on humans, including evolution, ecology, plant and animal diversity, and physiology. Lab required. Prerequisite: BIOL 1408. 4 college hours. Note: This course includes dissection in the lab and is taught at Collin College in Celina.

Prerequisite: College acceptance and registration required

Corequisites: If you take this course, you must also take BIOL 1408

Biology for Science Majors I: BIOL 1406- Dual Credit

SC130A

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 4 College Hours.

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 lab and is taught at Collin College in Celina.

Lab Required: Yes**Prerequisite:** College acceptance and registration required**Corequisites:** If you take this course, you must also take BIOL 1407**Biology for Science Majors II: BIOL 1407 - Dual Credit**

SC130B

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 4 College Hours.

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 lab and is taught at Collin College in Celina.

Lab Required: Yes**Prerequisite:** College acceptance and registration required**Corequisites:** If you take this course, you must also take BIOL 1406**CTE Courses for Science Credit****Advance Animal Science**

ADANA/B

Grade 11-12, 1 credits, AP/DC Weighted GPA

This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. This course counts as a 4th science credit.

Required Prerequisite: Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production**Recommended Prerequisite:** Veterinary Medical Applications**Anatomy & Physiology**

ANPHYA/B

Grade 11-12, 1 credit, Honors weighted GPA

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.

Prerequisite: Biology AND Chemistry, Integrated Physics and Chemistry, or Physics**Recommended prerequisite:** a course from the Health Science Career Cluster

Engineering Design and Problem Solving

ESPSA/B

Grade 11-12, 1 credit, Honors weighted GPA

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 fulfills a Science credit.*

Required Prerequisites: Algebra I, Geometry AND at least two Engineering courses

Engineering Science

PRENGA/B

Grade 10-12, 1 credit, Honors weighted GPA

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 fulfills a Science credit.*

Required Prerequisites: Algebra I, Biology, AND at least one Engineering course

Forensic Science

FORSCA/B

Grade 11-12, 1 credit, On-Level weighted GPA

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. *The course fulfills a science credit.*

Required Prerequisite: Biology and Chemistry/Physics/IPC

Pathophysiology

PATHPA/B

Grade 11-12, 1 credit, Honors weighted GPA

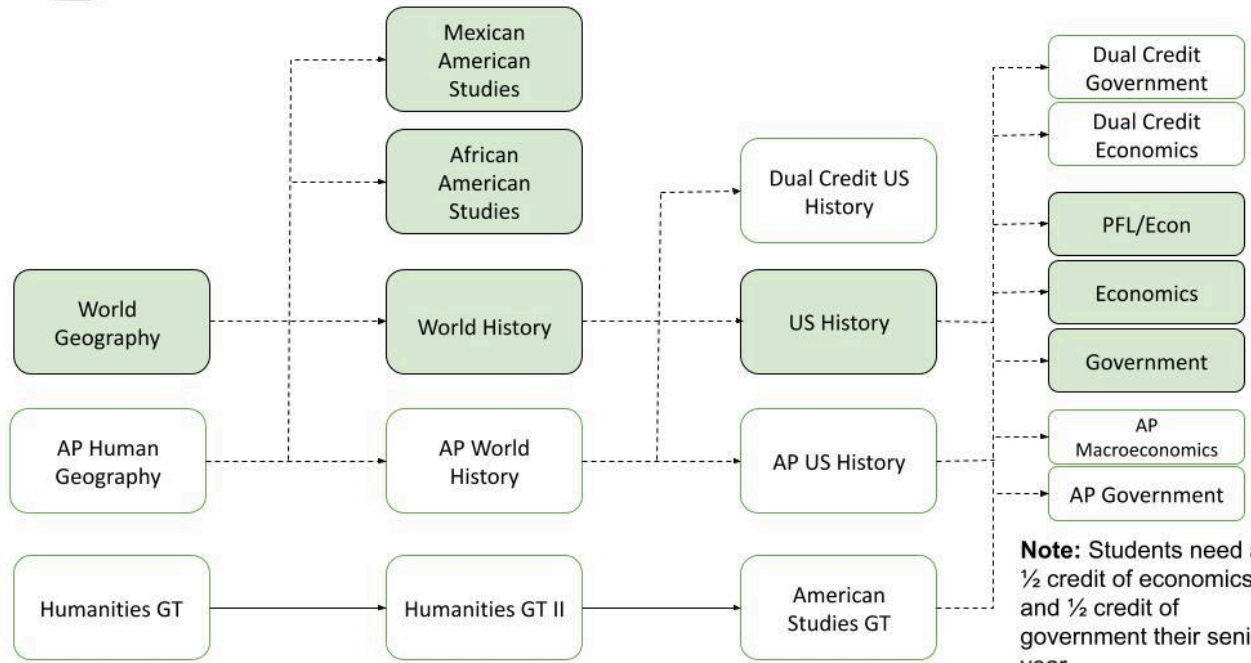
Students study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. *This course counts as a 4th science credit.*

Required Prerequisites: One credit in Biology, one credit in Chemistry, and at least one credit in a Level 2 or higher course from the Health Science career cluster

Social Studies



Prosper ISD Social Studies Track



Note: Students need a ½ credit of economics and ½ credit of government their senior year.

Prosper ISD Social Studies Electives



***can be taken as an elective or in place of World History**

*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.

Social Studies Core Classes

World Geography

SS100A/B

Grade 9, 1 credit, On-Level weighted GPA

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.*

Prerequisite: None

AP Human Geography

SS120A/B

Grade 9-12, 1 credit, AP/DC weighted GPA

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.

Prerequisite: None

World History

SS200A/B

Grade 10, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

AP World History

SS220A/B

Grade 10, 1 credit, AP/DC weighted GPA

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.

Prerequisite: None

Ethnic Studies: African American Studies

SSAASA/B

Grade 10-12, 1 credit, On-level weighted GPA

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. **This course can be substituted for World History in 10th Grade or taken as an elective.**

Ethnic Studies: Mexican American Studies

SSMASA/B

Grade 10-12, 1 credit, On-level weighted GPA

In this course, students will learn about the history and cultural contributions of Mexican Americans from an interdisciplinary perspective. Students will interact with a variety of primary and secondary sources such as relevant videos, literature, art, songs and other media. The course emphasizes events in the 20th and 21st centuries, but students will also engage with events prior to the 20th century. **This course can be substituted for World History in 10th Grade or taken as an elective.**

Humanities II GT

GTHU2A/B

Grade 10, 1 credit, AP/DC weighted GPA

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.*

Prerequisite: Humanities I and PISD GT Identification

US History

SS300A/B

Grade 11, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

AP US History

SS320A/B

Grade 11, 1 credit, AP/DC weighted GPA

The AP US History course 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.

Prerequisite: None

US History: HIST 1301 - Dual Credit

SS335A

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 3 College Hours.

These two courses focus on the history of the United States and the development of American characteristics and institutions, including the forging of a new society from European, African, and American cultures. Emphasis is on the colonial and early national periods through the Civil War and Reconstruction in the first course and the development of American society in the 20th century from 1877 to the present.

Corequisites: If you take this course, you must also take SS335B - Dual Credit US History: HIST 1302

Prerequisite: College acceptance and registration required.

Dual Credit US History: HIST 1302

SS335B

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 3 College Hours.

These two courses focus on the history of the United States and the development of American characteristics and institutions, including the forging of a new society from European, African, and American cultures. Emphasis is on the colonial and early national periods through the Civil War and Reconstruction in the first course and the development of American society in the 20th century from 1877 to the present.

Corequisite: If you take this course, you must also take SS335A - Dual Credit US History: HIST 1301

Prerequisite: College acceptance and registration required.

GT American Studies

GTHU3A/B

Grade 11, 2 credits, AP/DC weighted GPA

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 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. Discussion participation, reading, writing and critical thinking are significant elements for this course, along with the implementation of Gifted and Talented strategies.

Prerequisite: PISD GT Identification

US Government

SS4100

Grade 12, 0.5 credit, On-Level weighted GPA

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.

Prerequisite: None

Economics

SS4200

Grade 12, 0.5 credit, On-Level weighted GPA

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.

Prerequisite: None

Personal Financial Literacy and Economics

SS4220

Grade 12, 0.5 credit, On-level weighted GPA

Personal Financial Literacy and Economics is a hybrid 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.

Prerequisite: none

AP Economics

SS4230

Grade 12, .5 credit, AP/DC weighted GPA

These classes will be taught concurrently.

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.

Prerequisite: None

AP Government

SS4231

Grade 12, .5 credit, AP/DC weighted GPA

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.

Prerequisite: None

Dual Credit US Government

SS4310

(Federal Government GOVT 2305)

Grade 12, 0.5 credit, AP/DC weighted GPA, 3 College Hours

This is a 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.

Prerequisite: College acceptance and registration required.

Dual Credit Economics

SS4320

(Principles of Macroeconomics ECON 2301)

Grade 12, 0.5 credit, AP/DC weighted GPA, 3 College Hours

This is a 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.

Prerequisite: College acceptance and registration required.

Social Studies Electives

AP European History

SS520A/B

Grade 10-12, 1 credit, AP/DC weighted GPA

The AP European History course 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. Prerequisite: None

AP Psychology (Includes Social Studies – Advanced Studies)

PSYAPA/B

Grade 11-12, 1 credit, AP/DC weighted GPA

The AP Psychology course 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.

Prerequisite: None

Influences of the New Testament on History and Literature

SSBIBN

Grade 9-12, 0.5 credit, On-Level weighted GPA

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.

Prerequisite: None

Influences of the Old Testament on History and Literature

SSBIBO

Grade 9-12, 0.5 credit, On-Level weighted GPA

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.

Prerequisite: None

Personal Financial Literacy

PERFIN

Grade 10-12, 0.5 credit, On-Level weighted GPA

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.

Prerequisite: None

Psychology

PSYCH

Grade 10-12, 0.5 credit, On-Level weighted GPA

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.

Prerequisite: None

Sociology

SOCIO

Grade 10-12, 0.5 credit, On-Level weighted GPA

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.

Prerequisite: None

Dual Credit Texas Government: GOVT 2306

SS4330

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 3 College Hours.

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.

Prerequisite: College acceptance and registration required. *Please note that this is a one semester course.*

World Languages (LOTE)

Classical Languages

Latin II

FL200A/B

Grade 10-12, 1 credit, On-level weighted GPA

Latin II continues to develop students' skills in order to read more advanced Latin text and relate it to the English language. Legal and science terminology will also be included. This course compares and contrasts Latin and Greek culture, religion, sports, science and history to our modern world. The expected outcome of this course is Novice Mid to Intermediate Mid proficiency in writing and reading, respectively. This course is offered at Rock Hill High School and no transportation is available.

Prerequisite: Latin I

Latin III Honors

FL310A/B

Grade 11-12, 1 credit, Honors weighted GPA

Honors Latin III utilizes higher-level/critical-thinking skills, stresses the development of oral skills, comprehension and interpretation of authentic Latin texts and expands the use of grammar and vocabulary. It emphasizes stylistic analysis and comprehension of literary techniques, and accurate reading and translation of original Latin literature. The expected outcome of this course is Novice Mid to Advanced Low proficiency in writing and reading, respectively. This course is offered at Rock Hill High School and no transportation is available.

Prerequisite: Latin II

Latin IV AP

FL420A/B

Grade 12, 1 credit, AP/DC weighted GPA

AP Latin IV focuses on the in-depth study of selections from Vergil's *Aeneid* and Caesar's *Gallic War*. Students will continue to read the original text of Roman authors with an emphasis on Students will to cultivate their understanding of the classics through many areas such as history, mythology, and culture. The expected outcome of this course is Novice Mid to Advanced Mid proficiency in writing and reading, respectively. This course is designed to prepare students to take the AP Latin exam. This course is offered at Rock Hill High School and no transportation is available.

Prerequisite: Latin III Honors

Modern Languages

American Sign Language I

FA100A/B

Grade 9-11, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

American Sign Language II

FA200A/B

Grade 10-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: American Sign Language I

American Sign Language III Honors

FA310A/B

Grade 11-12, 1 credit, Honors weighted GPA

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).

Prerequisite: American Sign Language II

American Sign Language IV Honors

FA410A/B

Grade 11-12, 1 credit, Honors weighted GPA

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).

Prerequisite: American Sign Language III or III Honors

French I

FF100A/B

Grade 9-11, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

French II

FF200A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: French I

French III Honors

FF310A/B

Grade 10-12, 1 credit, Honors weighted GPA

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.

Prerequisite: French II

French IV AP Language and Culture

FF420A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

The Advanced Placement French 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 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.

Prerequisite: Honors French III

Chinese I

FM100A/B

Grade 9-11, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

Chinese II

FM200A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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 Honors is to develop Novice High to Intermediate Low proficiency. This course is conducted in Chinese for a significant amount of time.

Prerequisite: Chinese I or Chinese I Honors

Chinese III Honors

FM310A/B

Grade 11-12, 1 credit, Honors weighted GPA

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.

Prerequisite: Chinese II or Chinese II Honors

Chinese IV AP Language and Culture

FM420A/B

Grade 12, 1 credit, AP/DC weighted GPA

The Advanced Placement 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 Mandarin.

Prerequisite: Chinese III or Chinese III Honors

Spanish I

FS100A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

Spanish II

FS200A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Spanish I

Spanish II Honors

FS210A/B

Grade 12 (class of 2026 only), 1 credit, Honors weighted GPA

Spanish II Honors 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. 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 II Honors is to develop Novice High to Intermediate Mid proficiency. This course is conducted in Spanish for a significant amount of time.

Prerequisite: Spanish I

Spanish III

FS300A/B

Grade 10-12, 1 credit, On-Level weighted GPA

In Spanish III students will continue developing their abilities across the three modes of communication. Students will be able to 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.

Prerequisite: Spanish II or Spanish II Honors

Spanish III Honors

FS310A/B

Grade 10-12, 1 credit, Honors weighted GPA

In Spanish 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 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.

Prerequisite: Spanish II or II Honors

Spanish IV AP Language and Culture

FS420A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

The Advanced Placement Spanish 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 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.

Prerequisite: Spanish III or Honors Spanish III

Spanish Seminar I

FS510A/B

Grade 11-12, 1 credit, Honors weighted GPA

Spanish Seminar I is designed to foster deep inquiry into specialized areas of study. This course will deepen students' understanding of the cultures and histories of countries and groups representing the Spanish language. Students will dive deep into cultural products and practices, comparing and contrasting with their own and those of other cultures. Through oral presentations, written compositions, and class discussions, students will work toward advanced levels of proficiency. This course is conducted entirely in Spanish.

Prerequisite: AP Spanish Language and Culture

Spanish Seminar II

FS610A/B

Grade 11-12, 1 credit, Honors weighted GPA

Spanish Seminar II is designed to foster deep inquiry into specialized areas of study. This course will deepen students' understanding of the cultures and histories of countries and groups representing the Spanish language. Students will dive deep into cultural products and practices, comparing and contrasting with their own and those of other cultures. Through oral presentations, written compositions, and class discussions, students will work toward advanced levels of proficiency. This course is conducted entirely in Spanish.

Prerequisite: Spanish Seminar I - must be taken in consecutive years

Spanish V AP Literature and Culture

FS421A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

Spanish V AP 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.

Prerequisite: AP Spanish Language and Culture or Spanish Seminar I

CTE Courses for Languages Other than English (LOTE) Credit

* Two credits in computer programming which includes, Honors 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.

Honors Computer Science I

FC110A/B

Grade 9-12, 1 credit, Honors weighted GPA

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.

Corequisite: Algebra I

AP Computer Science A

MA520A/B

Grade 10-12, 2 credits, AP/DC weighted GPA

FCSAPA/B

This course offers an emphasis on object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first semester college-level course in Computer Science. The course includes the study of data structures, design, and abstraction using the Java programming language. Students who take AP courses should take the AP exam in May. This course fulfills the fourth credit of math.

Recommended Prerequisite: Honors Computer Science I

Prerequisite: Algebra I

AP Computer Science Principles

T9820A/B

Grade 9-12, 1 credit, AP/DC weighted GPA

In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Students who take AP courses should take the AP exam in May.

Recommended Prerequisite: Algebra I

Computer Science II

FC210A/B

Grade 10-12, 1 credit, Honors weighted GPA

This course offers an emphasis on object-oriented programming methodology with a concentration on problem solving and algorithm development using Python programming language.

Prerequisite: Algebra I and Computer Science I

Computer Science III

FC320A/B

Grade 11-12, 1 credit, Honors weighted GPA

Computer Science III will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems.

Prerequisite: Computer Science II or Advanced Placement (AP) Computer Science A

Fine Arts

AP Music Theory

E3200A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

Students enrolled in this course must already have the ability to read and write music notation. In addition, students should already be competent at performing in voice or on an instrument. Students enrolled in this course will study melody, harmony, texture, rhythm, form, musical analysis, and composition. Students will also develop listening skills, such as sight-singing and melodic, rhythmic, and harmonic dictation. This course is designed for serious music students. Students who take AP courses are expected to take the AP exam in May.

Prerequisite: None

The History of Popular Music in the United States

E3100A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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 assignments, analysis, and writing assignments will be required.

Prerequisite: None. Students enrolled in band, choir, or orchestra will require program director permission.

Music Production

EMUSPA/B

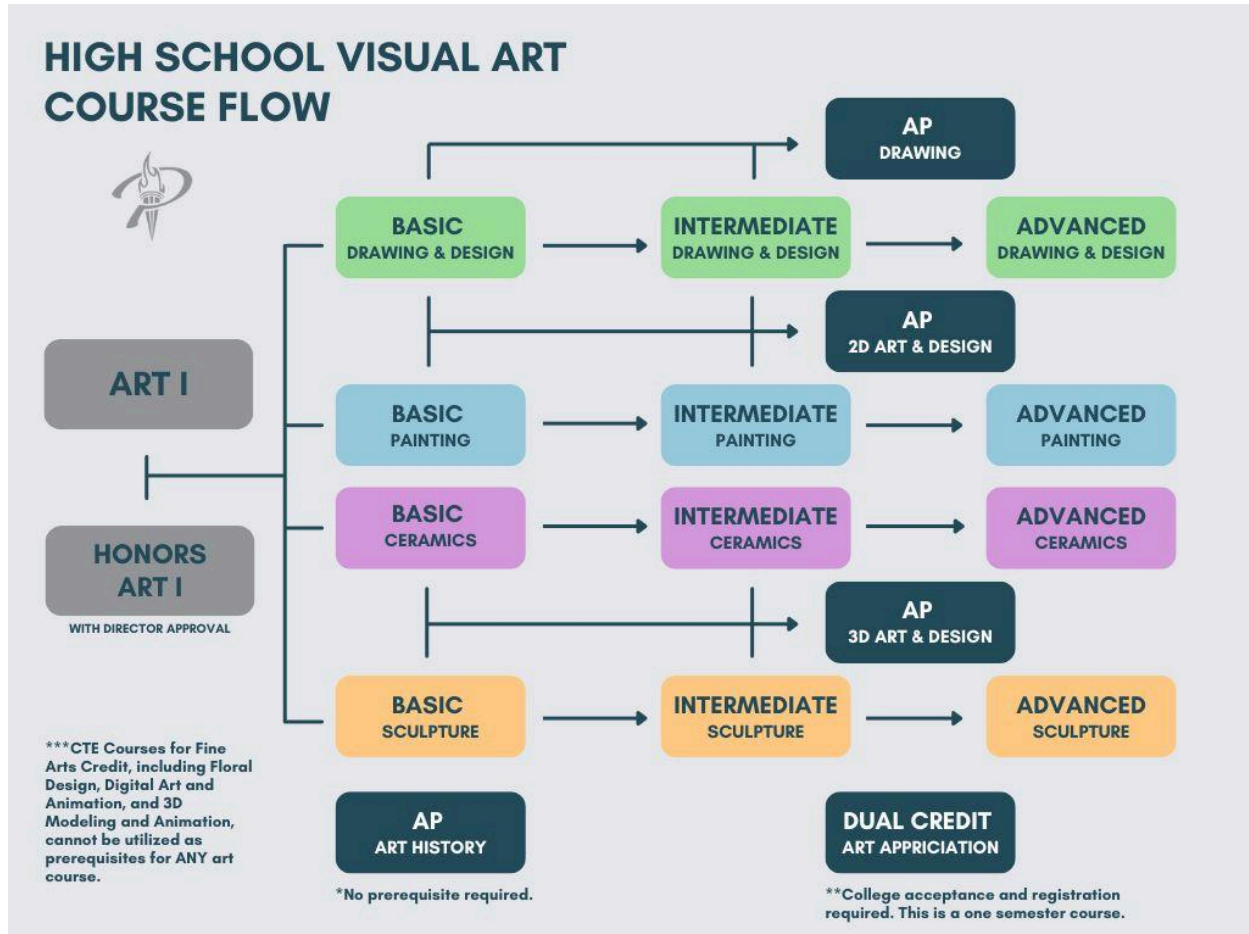
Grade 10-12, 1 credit, On-Level weighted GPA

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. The changes in both working practices and the affordability of music technologies, musically and technically creative individuals can cover several of these roles in a music project. 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.

Prerequisite: Student Application. Students enrolled in band, choir, or orchestra will require program director permission.

Art

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



Art I

E1010A/B

Grade 9-12, 1 credit, On-Level weighted GPA

This course of study is designed as an introductory survey of the fundamentals of art. Topics include the application of the elements and principles of design, the creation of original works, the expression of voice through observation, the interpretation of various works, and the study of significant historical periods and artists. Through practice and evaluation, the student develops skills in drawing, printmaking, painting, ceramics, sculpting, and textiles.

Prerequisite: None

Honors Art I

E1110A/B

Grade 9-12, 1 credit, Honors weighted GPA

This course of study is designed as an introductory studio class that explores the fundamentals of art. Topics include the application of the elements and principles of design, the creation of original works, the expression of voice through observation, the interpretation of various works, and the study of significant historical periods and artists. Through practice and evaluation, the student develops skills in drawing, printmaking, painting, ceramics, sculpting, and textiles, culminating in an advanced body of work and participation in at least one art competition. This class may require additional hours outside of class.

Prerequisite: None

Basic Drawing and Design

E1021A/B

Grade 10-12, 1 credit, On-Level weighted GPA

This course of study will focus on mark-making and composition. Students will work in various styles and genres while developing fundamental technical skills. The student will utilize mixed media to produce 2D works. This class may require additional hours outside of class. Art supplies and fees may be required.

Prerequisite: Art I or Honors Art I

Intermediate Drawing and Design

E1121A/B

Grade 11-12, 1 credit, On-Level weighted GPA

This course of study will focus on mark-making and composition. Students will work in various styles and genres while refining technical skills. The student will utilize mixed media to produce 2D works. This class may require additional hours outside of class. Art supplies and fees may be required.

Prerequisite: Basic Drawing and Design

Advanced Drawing and Design

E1221A/B

Grade 12, 1 credit, On-Level weighted GPA

This course of study will focus on mark-making and composition. Students will work in various styles and genres while polishing technical skills through the use of voice, exploration, and experimentation. The student will utilize mixed media to produce 2D works, demonstrate framing and presentation skills, and develop a portfolio of original pieces. This class may require additional hours outside of class. Art supplies and fees may be required.

Prerequisite: Intermediate Drawing and Design

Basic Painting

E1022A/B

Grade 10-12, 1 credit, On-Level weighted GPA

This course of study will focus on painting techniques and styles. Students will work in various styles and genres while developing fundamental skills with paints, surfaces, and applications. This class may require additional hours outside of class. Art supplies and fees may be required.

Prerequisite: Art I or Honors Art I

Intermediate Painting

E1122A/B

Grade 11-12, 1 credit, On-Level weighted GPA

This course of study will focus on painting techniques and styles. Students will work in various styles and genres while refining skills with paints, colors, and surfaces, and will also explore the application of their personal voice into multi-faceted works. This class may require additional hours outside of class. Art supplies and fees may be required.

Prerequisite: Basic Painting

Advanced Painting

E1222A/B

Grade 12, 1 credit, On-Level weighted GPA

This course of study will focus on painting techniques and styles. Students will work in various styles and genres while polishing color manipulation and composition skills through the use of voice, exploration, and experimentation. The student will utilize mixed media to produce 2D works, demonstrate framing and presentation skills, and develop a portfolio of original pieces. This class may require additional hours outside of class. Art supplies and fees may be required.

Prerequisite: Intermediate Painting

Basic Ceramics

E1024A/B

Grade 10-12, 1 credit, On-Level weighted GPA

This course of study will focus on hand-building and wheel-throwing techniques. Students will create functional, sculptural works, demonstrating an understanding of the elements and principles of design. This class may require additional hours outside of class. Art supplies and fees may be required.

Prerequisite: Art I or Honors Art I

Intermediate Ceramics

E1124A/B

Grade 11-12, 1 credit, On-Level weighted GPA

This course of study will build upon hand-building and wheel-throwing techniques. Students will create a variety of functional, sculptural works, demonstrating a mastery of the elements and principles of design. This class may require additional hours outside of class. Art supplies and fees may be required.

Prerequisite: Basic Ceramics

Advanced Ceramics

E1224A/B

Grade 12, 1 credit, On-Level weighted GPA

This course of study will focus on hand-building and wheel-throwing techniques. Students will explore a variety of firing techniques to create 3D works through the use of voice, exploration, and experimentation. Students will create a variety of functional, sculptural works, demonstrate basic kiln operations, and develop a portfolio of original pieces. This class may require additional hours outside of class. Art supplies and fees may be required.

Prerequisite: Intermediate Ceramics

Basic Sculpture

E1025A/B

Grade 10-12, 1 credit, On-Level weighted GPA

This course of study will focus on additive and subtractive techniques using a variety of tools and materials. Students will create 3D works, demonstrating an understanding of the elements and principles of design. This class may require additional hours outside of class. Art supplies and fees may be required.

Prerequisite: Art I or Honors Art I

Intermediate Sculpture

E1125A/B

Grade 11-12, 1 credit, On-Level weighted GPA

This course of study will build upon additive and subtractive techniques using a variety of tools and materials. Students will create 3D works, demonstrating a mastery of the elements and principles of design. This class may require additional hours outside of class. Art supplies and fees may be required.

Prerequisite: Basic Sculpture

Advanced Sculpture

E1225A/B

Grade 12, 1 credit, On-Level weighted GPA

This course of study will focus on additive and subtractive techniques using a variety of tools and materials. Students will explore a variety of alternative sculpting techniques, create 3D works through the use of voice, exploration, and experimentation, and develop a portfolio of original pieces. This class may require additional hours outside of class. Art supplies and fees may be required.

Prerequisite: Intermediate Sculpture

AP Drawing

E1130A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

This course of study provides highly motivated high school students with an opportunity to earn college credit in art with a drawing focus. Students should consider marks that can be used to make drawings, the arrangement of marks, the materials and processes used to make marks, and the relationships of marks and ideas. Students can work with a variety of materials, processes, and ideas throughout the year, and will document, photograph, and write about their processes and finished works. This course culminates in a drawing portfolio that focuses on the use of mark-making, line, surface, space, light and shade, and composition. The portfolio must also demonstrate drawing skills and synthesis of materials, processes, and ideas. Students can submit this portfolio and all required materials to the College Board at the end of the year.

Prerequisite: Level II Drawing or Level II Painting (Basic)

AP Art 2D Art and Design

E1131A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

This course of study provides highly motivated high school students with an opportunity to earn college credit in art 2D Design focus. Students are expected to conduct an in-depth, sustained investigation of materials, processes, and ideas to help them become inquisitive, thoughtful artists and designers able to articulate information about their work. Students develop and apply skills of inquiry and investigation, practice, experimentation, revision, communication, and reflection. This course culminates in a portfolio that demonstrates a thorough understanding of the elements of art and principles of design through an investigative experimentation of ideas, materials, and processes. Students can submit this portfolio and all required materials to the College Board at the end of the year.

Prerequisite: Level II Drawing or Level II Painting (Basic)

AP Art 3D Art and Design

E1132A/B

Grade 11-12, 1 credit, AP/DC weighted GPA

This course of study provides highly motivated high school students with an opportunity to earn college credit in art 3D Design focus. Students are expected to conduct an in-depth, sustained investigation of materials, processes, and ideas to help them become inquisitive, thoughtful artists and designers able to articulate information about their work. Students develop and apply skills of inquiry and investigation, practice, experimentation, revision, communication, and reflection. This course culminates in a portfolio that demonstrates a thorough understanding of the elements of art and principles of design through an investigative experimentation of ideas, materials, and processes. Students can submit this portfolio and all required materials to the College Board at the end of the year.

Prerequisite: Level II Ceramics or Level II Sculpture (Basic)

AP Art History

E1233A/B

Grade 10-12, 1 credit, AP/DC weighted GPA

This course of study provides highly motivated high school students with an opportunity to earn college credit in art. Students will learn to effectively and precisely articulate an artwork's meaning and function, its maker's methods, and the ways it reflects and affects its historical and cultural contexts. This course will emphasize practice in questioning techniques, methods of discussion, analytical paradigms, guided discovery, and independent learning, enabling students to develop critical thinking and visual literacy skills with which they can mine meaning from any artwork they encounter throughout their lives. Students can take the AP Art History exam in the spring.

Prerequisite: None

Band

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, 1 credit, On-Level weighted GPA

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 for participation in the fall semester of marching band during high school. The PE credit will be Pass/Fail and not receive GPA points.

Prerequisite: Audition and director approval

- Students participating in Prosper ISD 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 April 1, 2024 for participation for the 2024-2025 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.
- Guard 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 co-curricular 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.

Wind Ensemble I	E7001A/B
Wind Ensemble II	E7002A/B
Wind Ensemble III	E7003A/B
Wind Ensemble IV	E7004A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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 PE credit will be Pass/Fail and not receive GPA points. Wind Ensemble Applied Music is required for students in Wind Ensemble.

Prerequisite: Audition and director approval

Wind Ensemble Applied Music I	E7110A/B
Wind Ensemble Applied Music II	E7120A/B
Wind Ensemble Applied Music III	E7130A/B
Wind Ensemble Applied Music IV	E7140A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Audition and director approval

Honors Wind Ensemble Applied Music IV	E7141A/B
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Grade 12, 1 credit, Honors weighted GPA

In addition to the requirements of Wind Ensemble 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 .

Prerequisite: Concurrent enrollment in Wind Ensemble, application and director approval required. Students will enroll for Applied Music IV and will be placed into Honors Applied Music by their director.

Symphonic Band I	E6001A/B
Symphonic Band II	E6002A/B
Symphonic Band III	E6003A/B
Symphonic Band IV	E6004A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Audition and director approval

Symphonic Band Applied Music I	E6110A/B
Symphonic Band Applied Music II	E6120A/B
Symphonic Band Applied Music III	E6130A/B
Symphonic Band Applied Music IV	E6140A/B

Grade 9-12, 1 credit, On-Level weighted GPA

This class serves as the second required 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.

Prerequisite: Audition and director approval

Honors Symphonic Band Applied Music IV	E6141A/B
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Grade 12, 1 credit, Honors weighted GPA

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 .

Prerequisite: Concurrent enrollment in Symphonic Band, application and director approval required. Students will enroll for Applied Music IV and will be placed into Honors Applied Music by their director.

Concert Winds I	E7009A/B
Concert Winds II	E7010A/B
Concert Winds III	E7011A/B
Concert Winds IV	E7012A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Audition and director approval

Concert Band I	E7005A/B
Concert Band II	E7006A/B
Concert Band III	E7007A/B
Concert Band IV	E7008A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Audition and director approval

Percussion I	E7017A/B
Percussion II	E7018A/B
Percussion III	E7019A/B
Percussion IV	E7020A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Audition and director approval

Choir

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, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

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, 1 credit, On-Level weighted GPA

This 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.

Prerequisite: None

Chamber Choir I	E5301A/B
Chamber Choir II	E5302A/B
Chamber Choir III	E5303A/B
Chamber Choir IV	E5304A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

Bel Canto I	E5105A/B
Bel Canto II	E5106A/B
Bel Canto III	E5107A/B
Bel Canto IV	E5108A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

Show Choir II	E5002A/B
Show Choir III	E5003A/B
Show Choir IV	E5004A/B

Grade 10-12, 1 credit, On-Level weighted GPA

This is an auditioned, elite group of singers/dancers. Students in this group perform a wide variety of popular and jazz music with intricate harmonies and choreography. Students learn advanced vocal and performance technique. Students in this choir may also participate in individual competitions during the year. This group performs their own show each winter and spring. Membership in an additional choir is required.

Prerequisite: None

Chorale I	E5205A/B
Chorale II	E5206A/B
Chorale III	E5207A/B
Chorale IV	E5208A/B

Grade 9-12, 1 credit, On-Level weighted GPA

This is the non-varsity UIL and TMEA competition choir for mixed 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.

Prerequisite: None

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, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

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, 1 credit, On-Level weighted GPA

This class serves as the second-block, an extension of any of the three Choir Classes: 'Bel Canto', 'Chorale', or 'Varsity Mixed and Treble'. While 'Bel Canto', 'Chorale', 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.

Prerequisite: Audition and director approval

Honors Choir Applied Music IV	E5410A/B
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Grade 12, 1 credit, Honors weighted GPA

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 .

Prerequisite: Concurrent enrollment in audition-placed choir, application and director approval required. Students will enroll for Choir Applied Music IV and will be placed into Honors Applied Music by their director.

Prerequisite: Concurrent enrollment in auditioned choir, application, and director approval required. Students will enroll for Applied Music IV and will be placed into Honors Applied Music by their director.

Orchestra

Chamber Orchestra I	E8021A/B
Chamber Orchestra II	E8022A/B
Chamber Orchestra III	E8023A/B
Chamber Orchestra IV	E8024A/B

Grade 9-12, 1 Credit, On-Level weighted GPA

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. Chamber Orchestra offers students great variety and challenge in musical performance. 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.

Prerequisite: Recommendation of Middle School Orchestra Director or an interview/audition with the instructor.

Symphonic Orchestra I	E8011A/B
Symphonic Orchestra II	E8012A/B
Symphonic Orchestra III	E8013A/B
Symphonic Orchestra IV	E8014A/B

Grade 9-12, 1 Credit, On-Level weighted GPA

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.

Prerequisite: Recommendation of Middle School Orchestra Director or an interview/audition with the instructor.

Philharmonic Orchestra I	E8031A/B
Philharmonic Orchestra II	E8032A/B
Philharmonic Orchestra III	E8033A/B
Philharmonic Orchestra IV	E8034A/B

Grade 9-12, 1 Credit, On-Level weighted GPA

The Philharmonic 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. 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. In addition, all students in this class will spend considerable time focusing on many of the intermediate and advanced techniques first offered in their middle school strings class.

Prerequisite: Recommendation of Middle School Orchestra Director or an interview/audition with the instructor.

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, 1 credit, On-Level weighted GPA

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.

Prerequisite: Audition and director approval

Honors Orchestra Applied Music IV	E8045A/B
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Grade 12, 1 credit, Honors weighted GPA

In addition to the requirements of Orchestra 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.

Prerequisite: Concurrent enrollment in audition-placed orchestra, application, and director approval required. Students will enroll for Orchestra Applied Music IV and will be placed into Honors Applied Music by their director.

Dance

Drill Team I	E0001A/B
Drill Team II	E0002A/B
Drill Team III	E0003A/B
Drill Team IV	E0004A/B

Grade 9-12, 1 credit, On-Level weighted GPA

Students in the Drill Team class are auditioned members of their respective HS Dance and Drill Team. Tryouts are held late in the spring and commitment lasts for a full school year. Members concentrate on dance and kick technique, drill team etiquette, performance fundamentals, and development as trained precision and competition dancers. Students will receive an additional credit in physical education when taking Dance 1/Drill Team 1. The PE credit will be Pass/Fail and not count towards GPA.

Prerequisite: Audition

- 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 April 1, 2024 for participation for the 2024-2025 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.
- Drill Team 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 co-curricular 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.

Drill Team Prep I and II	E001PA/B E002PA/B
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Grade 9-11, 1 credit, On-Level weighted GPA

Drill Team Preparation Class is designed for developing dancers who are interested in auditioning for the drill team in an upcoming school year. This course also allows students to develop these skills while experiencing what the drill team offers before committing to the intensive schedule and responsibilities involved in being on the team. Students may earn a fine arts credit and Lifetime Fitness and Wellness PE credit for Drill Team Prep I if not enrolled in another physical education course.

Prerequisite: None

Dance I

E1001A/B

Dance II

E1002A/B

Grade 9-12, 1 credit, On-Level weighted GPA

Dance I & II students will work to develop basic dance technique and skills. The classes will cover different styles of dance throughout the year with assessments focusing on individual student growth in technique and choreography. This class will help develop perceptual thinking and movement abilities that promote understanding of themselves and others; consequently, students enrolled in Dance I/II should emerge as versatile movers and technicians. By mastering movement principles and skills, students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with controlled energy. Dance attire: Any activewear within the school dress code guidelines. Students may earn a fine arts credit and Lifetime Fitness and Wellness PE credit for Dance I if not enrolled in another physical education course.

Prerequisite: Dance I is required for a student to take Dance II

Dance III

E1003A/B

Dance IV

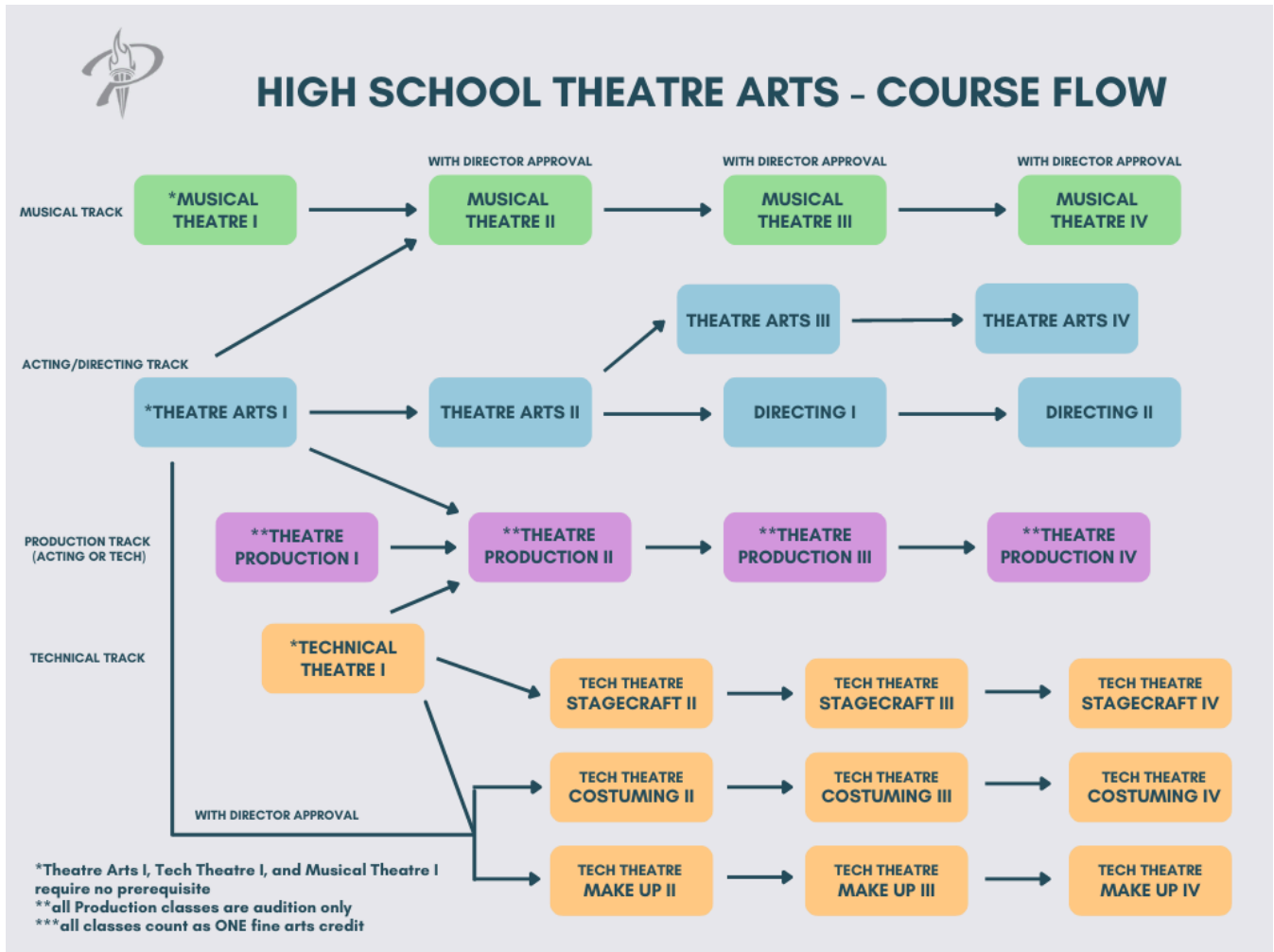
E1004A/B

Grade 11-12, 1 credit, On-Level weighted GPA

Dance III & IV students will develop advanced dance techniques and skills through training, movement, conditioning, and choreography. The classes will cover different styles of dance. This class will help prepare students for dance beyond high school and in developing concepts through movement and music to enhance the understanding of dance as an art of communication. Dance will promote understanding of themselves and others and allow them to utilize dance as an artistic medium. By mastering movement principles and skills, students develop self-discipline, self-esteem, and healthy bodies that move expressively, efficiently, and safely through space and time with controlled, purposeful energy.

Prerequisite: Dance I and Dance II

Theatre



**All Theatre Arts Courses are On-Level weighted GPA*

Theatre Arts I

E2001A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

Theatre Arts II

E2012A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Theatre Arts I OR director approval if in 9th grade

Theatre Arts III

E2013A/B

Grade 10-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Theatre Arts II

Theatre Arts IV

E2014A/B

Grade 11-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Theatre Arts III

Technical Theatre I

E3001A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

Technical Theatre II - Stagecraft II	E3006A/B
Technical Theatre III - Stagecraft III	E3007A/B
Technical Theatre IV - Stagecraft IV	E3008A/B

Grade 10-12, 1 credit, On-Level weighted GPA

This course of study is designed for the student who wants to continue to pursue scenic, lighting, sound, prop, and/or management disciplines within Technical Theatre. This course will allow students to explore focuses among these technical disciplines, as well as improve upon more specific skills and techniques. These students may build, hang and focus lighting fixtures, acquire and manipulate theatrical soundscapes, and design/construct props. The curriculum will be extensively hands-on and project-based.

Prerequisite: Technical Theatre I

Technical Theatre II - Costume Construction II	E2007A/B
Technical Theatre III - Costume Construction III	E2008A/B
Technical Theatre IV - Costume Construction IV	E2009A/B

Grade 10-12, 1 credit, On-Level weighted GPA

This course of study is designed to build upon students' learning of basic sewing skills from Technical Theatre I, and explore more complex stitches and techniques. Throughout the year students will build costume pieces, design costume plots, and will have the opportunity to work backstage for a production. This class will cover costume history, drawing, design, construction, color palettes, and portfolio building for college and career readiness. Students in this class typically hold a costume crew position in extracurricular theatrical productions.

Prerequisite: Technical Theatre I OR Theatre Arts I with director approval

Technical Theatre II - Theatrical Make-Up II	E2016A/B
Technical Theatre III - Theatrical Make-Up III	E2017A/B
Technical Theatre IV - Theatrical Make-Up IV	E2018A/B

Grade 10-12, 1 credit, On-Level weighted GPA

This course of study is designed to build upon students' learning of basic stage makeup from Technical Theatre I, and explore more complex techniques for old age, fantasy, gore, and multi-media makeup. Students may also have opportunities to use cake make-up, HD make-up, grease paint, and SFX makeup. In this course, students are expected to purchase various supplies that will be intended for their personal use only. Students in this class typically hold a makeup/hair crew position in extracurricular theatrical productions.

Prerequisite: Technical Theatre I OR Theatre Arts I with director approval

Directing I	E4009A/B
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Grade 11-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Theatre Production or Theatre Arts II

Directing II

E4010A/B

Grade 12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Directing I

Theatre Production I

E4001A/B

Theatre Production II

E4002A/B

Theatre Production III

E4003A/B

Theatre Production IV

E4004A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Audition ONLY

Musical Theatre Arts I

E2021A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

Musical Theatre Arts II

E2022A/B

Musical Theatre Arts III

E2023A/B

Musical Theatre Arts IV

E2024A/B

Grade 10-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Audition OR Director Approval

CTE Courses for Fine Arts credit

Floral Design

FLORDA/B

Grade 10-12, 1 credit, On-Level weighted GPA

Students will identify and demonstrate the principles and techniques related to floral design as well as an understanding of the management of floral enterprises. *This course fulfills the fine arts credit required for graduation.*

Prerequisite: None

Digital Art and Animation

T9703A/B

Grade 9-12, 1 credit, On-Level weighted GPA

This course consists of computer images and animations created with digital imaging software such as Adobe: Photoshop, Illustrator, and Animate. Digital Art and Animation has applications in many careers, such as graphic design, advertising, web design, animation, and magazine, film, television, and game industries. Students will learn the basic software skills while incorporating the design principles in their unique projects. *This course satisfies the fine arts graduation requirement.*

Prerequisite: None

Certification: Adobe Photoshop, Adobe Illustrator

Introduction to Communication Arts and Media

ICAMA/B

Grade 9-11, 1 credit, On-level weighted GPA

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. *This course satisfies the fine arts graduation requirement.*

Prerequisites: None

Certification: Adobe Photoshop, Adobe Illustrator

3D Modeling and Animation

T9704A/B

Grade 10-12, 1 credit, On-Level weighted GPA

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.*

Recommended Prerequisite: Digital Art and Animation

Physical Education and Athletics

Physical Education

Lifetime Fitness and Wellness

PELFWA/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

Lifetime Recreation and Outdoor Pursuits

PELROA/B

Grade 9-12, 1 credit, On-Level weighted GPA

Students enrolled in this course are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.

Prerequisite: None

Skill-Based Lifetime Activities

PESBLA/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

Partners Physical Education

PEPA1A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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. The class will utilize peer partners to aid in providing instruction to our students with disabilities.

Prerequisite: None

Cheer

Grade 9-12, 1 credit, On-Level weighted GPA

CHER1A/B
CHER2A/B
CHER3A/B
CHER4A/B

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 can earn 1 credit for cheer and up to 3 credits for athletic substitution.

- 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, 2024 for participation in athletics for the 2024-2025 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.
- 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 follow co-curricular 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.

Prerequisite: Tryout

Junior Reserves Officers Corps I

Grade 9-12, 1 credit, On-Level weighted GPA

ROTCPA/B

The program is designed to teach high school students character education, student achievement, wellness, and leadership. The focus of all instruction is on the enhancement of responsible citizenship and leadership. Through the Corps of Cadets, students learn to take and respond to orders, prepare for higher positions of responsibility, develop self-discipline, pride, bearing, self-control, and teamwork. Students may participate in extracurricular activities such as color guard. Several extracurricular competitions and other activities involving all members of the Corps of Cadets are conducted throughout the school year. A student who successfully completes JROTC may receive a substitution for the state PE requirement (1 credit) through participation in two semesters of the JROTC. Students do not incur any military obligation by participating in JROTC courses. Uniforms are provided/fitted at no cost

Prerequisite: None

Off-Campus PE

Grade 9-12, 1.0 credit, No GPA credits

PE1OFA/B
PE2OFA/B
PE3OFA/B
PE4OFA/B

Students can earn up to 4 credits for Off-Campus PE during high school. Students must complete an Off-Campus PE application, pay a fee to participate, and report grades each nine weeks. Off-Campus PE is designed for students who participate in Olympic level, highly competitive and intense physical activity or performance more than 15 hours per week.

Prerequisite: Application and fee required

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 469-219-2215 or aklintelman@prosper-isd.net.

NOTE: 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, Drill Team, Marching Band.

The following sports are available at the high school level:

Baseball	Golf	Tennis
Basketball	Powerlifting	Track and Field
Cross Country	Soccer	Volleyball
Diving	Softball	Water Polo
Football	Swimming	Wrestling

Students should request the specific sport they wish to play rather than “Athletics”. Most sports are offered as year-long courses. 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.

Counselor will add students to the course after coach approval

Grade 9-12, 1.0 credit (up to a maximum of 4 credits), On-Level weighted GPA

Prerequisite: Coach’s approval and/or tryout process

- 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, 2025 for participation in athletics for the 2025-2026 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.

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

Grade 10-12, 1 credit, AP/DC weighted GPA

APSEMA/B

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

Grade 11-12, 1 credit, AP/DC weighted GPA

APRESA/B

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
- Prerequisite: AP Seminar

Hope Squad

HOPE1A/B

Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Nominated by peers at end of each year

Junior Reserves Officers Corps I

ROTC1A/B

Grade 9-12, 1 credit, On-Level weighted GPA

The program is designed to teach high school students character education, student achievement, wellness, and leadership. The focus of all instruction is on the enhancement of responsible citizenship and leadership. Through the Corps of Cadets, students learn to take and respond to orders, prepare for higher positions of responsibility, develop self-discipline, pride, bearing, self-control, and teamwork. Students may participate in extracurricular activities such as color guard. Several extracurricular competitions and other activities involving all members of the Corps of Cadets are conducted throughout the school year. A student who successfully completes JROTC may receive a substitution for the state PE requirement (1 credit) through participation in two semesters of the JROTC.

Students do not incur any military obligation by participating in JROTC courses. Uniforms are provided/fitted at no cost

Prerequisite: None

Junior Reserves Officers Corps II

ROTC2A/B

Grade 10-12, 1 credit, On-Level weighted GPA

The program is designed to teach high school students character education, student achievement, wellness, and leadership. The focus of all instruction is on the enhancement of responsible citizenship and leadership. Through the Corps of Cadets, students learn to take and respond to orders, prepare for higher positions of responsibility, develop self-discipline, pride, bearing, self-control, and teamwork. Students may participate in extracurricular activities such as color guard. Several extracurricular competitions and other activities involving all members of the Corps of Cadets are conducted throughout the school year.

Students do not incur any military obligation by participating in JROTC courses. Uniforms are provided/fitted at no cost

Prerequisite: Junior Reserves Officers Corps I

Junior Reserves Officers Corps III

ROTC3A/B

Grade 11-12, 1 credit, On-Level weighted GPA

The program is designed to teach high school students character education, student achievement, wellness, and leadership. The focus of all instruction is on the enhancement of responsible citizenship and leadership. Through the Corps of Cadets, students learn to take and respond to orders, prepare for higher positions of responsibility, develop self-discipline, pride, bearing, self-control, and teamwork. Students may participate in extracurricular activities such as color guard. Several extracurricular competitions and other activities involving all members of the Corps of Cadets are conducted throughout the school year. Students do not incur any military obligation by participating in JROTC courses. Uniforms are provided/fitted at no cost

Prerequisite: Junior Reserves Officers Corps II

Junior Reserves Officers Corps IV

ROTC4A/B

Grade 12, 1 credit, On-Level weighted GPA

The program is designed to teach high school students character education, student achievement, wellness, and leadership. The focus of all instruction is on the enhancement of responsible citizenship and leadership. Through the Corps of Cadets, students learn to take and respond to orders, prepare for higher positions of responsibility, develop self-discipline, pride, bearing, self-control, and teamwork. Students may participate in extracurricular activities such as color guard. Several extracurricular competitions and other activities involving all members of the Corps of Cadets are conducted throughout the school year. Students do not incur any military obligation by participating in JROTC courses. Uniforms are provided/fitted at no cost

Prerequisite: Junior Reserves Officers Corps III

Partners Physical Education- Peer Assistance

PEPARA/B

Grade 9-12, 1 credit, On-Level weighted GPApass

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. The class will utilize peer partners to aid in providing instruction to our students with disabilities.

*Students who have already taken and received credit for this course and want to continue to be a part of the program can apply to be a partner mentor. Partner mentors will receive local credit only.

Prerequisite: Application

SAT/ACT Test Prep

SATCRS

Grade 10-12, .5 Local credit, NO GPA is awarded for the class

The SAT/ACT course will include the study of vocabulary, syntax and other writing skills, reading passage analysis, algebra, geometry, trigonometry, data analysis, and problem-solving as they relate to the type of questions asked on the SAT/ACT tests. Students will have many opportunities to take sample tests, discuss questions and answers with peers and instructors, and to correct answers they missed as this has proven to be one of the most effective methods for increasing test scores. Students will also be exposed to many helpful time-saving test-taking strategies. Local credits do not count towards graduation credits.

Prerequisite: None

Sports Medicine I	SPMD1A/B
Sports Medicine II	SPMD2A/B
Sports Medicine III	SPMD3A/B

Grade 9-12, 1 credit, On-Level weighted GPA

This general elective course provides an opportunity for the study and application of the components of sports medicine including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise. Enrollment in Sports Medicine requires a commitment to before and after school practice and evening and weekend athletic events.

Prerequisite: Application

Student Leadership	STULDA/B
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Grade 11-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: Application

Team Sports Officiating	TEAMOA/B
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Grade 9-12, 1 credit, On-Level weighted GPA

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.

Prerequisite: None

Office Aide

Grade 12, No Credit

Seniors who are on track to earn the required number of credits to graduate on time, have achieved CCMR status, and have appropriate discipline may choose to be an office aide. No credit is awarded for release periods.

Prerequisite: Achieved CCMR status and have appropriate discipline

Release Period

Grade 11-12, No Credit

Juniors who have earned the required number of credits to graduate on time, have already achieved CCMR status, and have appropriate discipline may choose to have a release period. Juniors may choose only one off period (first period or last period of the day); juniors are only allowed an off period every other day (one period).

Seniors who are on track to earn the required number of credits to graduate on time, have achieved CCMR status or are enrolled in course(s) to achieve CCMR at the end of the school year, and have appropriate discipline may choose to have a release period. Seniors may choose to be off the first period or the last period everyday (two periods)

Students who select this option must have a completed permission form in Skyward and provide their own transportation to arrive or leave campus.

General Dual Credit Electives for Celina Cohort

Learning Frameworks: EDUC 1300 - Dual Credit

SS3330

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 3 College Hours.

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.

Prerequisite: College acceptance and registration required. *Please note that this is a one semester course.*

Introduction to Speech Communication: SPCH 1311 - Dual Credit

EN5025

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 3 College Hours.

Introduces basic human communication principles and theories embedded in a variety of contexts including interpersonal, small group, and public speaking.

Prerequisite: College acceptance and registration required. *Please note that this is a one semester course.*

Art Appreciation: ARTS 1301 - Dual Credit

E13000

Grade 11-12, 0.5 credit, AP/DC weighted GPA, 3 College Hours.

This course of study is 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: College acceptance and registration required. *Please note that this is a one semester course; students are encouraged to consider Dual Credit Intro to Speech Communications for the alternate semester.*

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, Finance, Health Science, Hospitality & Tourism, Human Services, Law, Public Safety, Corrections & Security, Manufacturing, Marketing, STEM, 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, Jane Matthews, at (469)219-2000.

CTE Collin College Dual Credit Courses		
*Courses Requiring Application and Acceptance to Collin College		
Medical Terminology	Pathophysiology	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 (PCT)- Patient Care Technician*
Emergency Medical Technician (EMT)*		
CTE Articulated Credit/Dual Enrollment Courses		
Principles of Health Science (9th Grade Only)	Advanced Animal Science (Dual Enrollment)	Culinary Arts
CTE Courses that Earn Science Credit	CTE Courses that Earn Math Credit	CTE Courses that Earn Fine Arts Credit
Advanced Animal Science	Accounting II	3D Modeling & Animation
Anatomy and Physiology	AP Computer Science A	Floral Design
Engineering Design and Problem Solving	Robotics II	Digital Art & Animation
Engineering Science		Introduction to Communication Arts and Media
Forensic Science		
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.		
Culinary Arts & Advanced Culinary Arts	Agricultural Structures Design, and Fabrication	Automotive Technology I & II
Broadcast News Team I & II	CTE Practicum	Fashion Design II
Fundamentals of Cosmetology & Intermediate Cosmetology	Modern Media II: Communication Arts and Media	Pharmacology
Practicum in Agricultural Engineering	Practicum in Architectural Design	Practicum in Audio Video Production
Practicum in Broadcast	Practicum in Culinary Arts	Instructional Practices-RST I Practicum in Education- RST II
Practicum in Exercise Science	Practicum in Fashion Design	Practicum in Floral Design
Practicum in Law, Public Safety, Corrections, and Security	Practicum in Modern Media: Communication Arts and Media	Practicum in Veterinary Medicine
Practicum in Yearbook	Retail Management - School Store	Yearbook I & II

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.

Animal Science

Business & Industry Endorsement

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 participates in the following organization: National FFA Organization (FFA)**

<p>Principles of Agriculture, Food, and Natural Resources (PRAFNA/B) Grade 9-12, 1 credit, Level 1, On-Level weighted GPA This course is designed to develop student knowledge and skills of the agricultural industry as it relates to plant and animal systems, food production, mechanical systems, entrepreneurship, leadership, and environmental sciences. Students will be provided with hands-on opportunities to gain valuable experiences to prepare students for industry standards. Prerequisite: None</p>	
<p>Small Animal Management (SMANMG) Grade 10-12, 0.5 credit, Level 2, On-Level GPA This course covers small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds. Recommended Prerequisite: Principles of Agriculture, Food and Natural Resources</p>	<p>Equine Science (EQUISC) Grade 10-12, 0.5 credit, Level 2, On-Level weighted GPA Students will gain skills related to equine animal systems and the equine industry. Topics may include horses, donkeys, and mules. Recommended Prerequisite: Principles of Agriculture, Food and Natural Resources</p>
<p>Livestock Production* (LIVPRA/B) Grade 10-12, 1 credit, Level 3, On-Level weighted GPA This course provides knowledge and skills related to animal systems and the career opportunities, entry requirements and industry expectations in this field. Some animals included in the course of study are beef cattle, dairy cattle, sheep, goats, and poultry. Recommended Prerequisite: Principles of Agriculture, Food, and Natural Resources</p>	
<p>Veterinary Medical Applications* (VETMDA/B) Grade 11-12, 1 credit, Level 4, On-Level weighted GPA This course provides knowledge and skills related to large and small animal systems used in veterinary practices. Prerequisite: Small Animal Management (semester course), Equine Science (semester course), or Livestock Production</p>	
<p>Advanced Animal Science (ADANAA/B) Grade 11-12, 1 credit, Level 4, AP/DC Weighted GPA This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. This course counts as a 4th science 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 either Small Animal Management, Equine Science, or Livestock Production Recommended Prerequisite: Veterinary Medical Application</p>	
<p>Practicum in Veterinary Medicine* (HPAVMA/B) Grade 12, 2 credits, Level 4, Honors weighted GPA This is an internship-based course that follows the coherent sequence of veterinary medical applications courses. Practicum experiences give students a supervised application of real world experiences in the animal industry, such as veterinary medicine or pet care, to develop a deeper knowledge and skill of the industry. Prerequisite: Veterinary Medical Applications and Program Qualification Form Certification: Certified Veterinarian Assistant Level 1</p>	

AGRICULTURAL AND TECHNOLOGY MECHANICAL SYSTEMS

Business & Industry Endorsement

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 participates in the following organization: National FFA Organization (FFA)**

Principles of Agriculture, Food, and Natural Resources (PRAFNA/B)

Grade 9-12, 1 credit, Level 1, On-Level weighted GPA

This course is designed to develop student knowledge and skills of the agricultural industry as it relates to plant and animal systems, food production, mechanical systems, entrepreneurship, leadership, and environmental sciences. Students will be provided with hands-on opportunities to gain valuable experiences to prepare students for industry standards.

Prerequisite: None

Agricultural Mechanics and Metal Technologies (AGMMTA/B)

Grade 10-12, 1 credit, Level 2, On-Level weighted GPA

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, 2 credits, Level 3, On-Level weighted GPA

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 and Program Qualification Form

Certification: AWS D1.1 & D9.1 - 2F MIG

Practicum in Agricultural Engineering* (HPAAGA/B)

Grade 12, 2 credits, Level 4, Honors weighted GPA

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 and Program Qualification Form

Certification: AWS D1.1 & D9.1 - 4F MIG/Stick

Plant Science

Business & Industry Endorsement

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 participates in the following organization: National FFA Organization (FFA)**

Principles of Agriculture, Food, and Natural Resources (PRAFNA/B)

Grade 9-12, 1 credit, Level 1, On-Level weighted GPA

This course is designed to develop student knowledge and skills of the agricultural industry as it relates to plant and animal systems, food production, mechanical systems, entrepreneurship, leadership, and environmental sciences. Students will be provided with hands-on opportunities to gain valuable experiences to prepare students for industry standards.

Prerequisite: None

Floral Design* (FLORDA/B)

Grade 10-12, 1 credit, Level 3, On-Level weighted GPA

Students will identify and demonstrate the principles and techniques related to floral design as well as an understanding of the management of floral enterprises. **This course satisfies the fine arts graduation requirement.**

Recommend 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, 1 credit, Level 4, On-Level weighted GPA

In this course, students build on knowledge gained from Floral Design and are introduced to more advanced concepts, with an emphasis on specialty designs and specific occasion planning.

Prerequisite: Floral Design

Certification: Texas State Florist's Association Level I Floral Certification

Practicum in Floral Design* (HPAHFA/B)

Grade 12, 2 credits, Level 4, Honors weighted GPA

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.

Prerequisite: Advance Floral Design and Program Qualification Form

Certification: Texas State Florist's Association Level II Floral Certification

Architectural Design Track

Business & Industry Endorsement

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 interior and exterior construction projects.

Principles of Architecture (PRARCA/B)

Grade 9-11, 1 credit, Level 1, On-Level weighted GPA

Principles of Architecture provides an overview of the various fields of architecture, interior design, and construction 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, 1 credit, Level 2, On-Level weighted GPA

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

Architectural Design II* (ARDN2A/B)

Grade 11-12, 2 credits, Level 3, On-Level weighted GPA

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

Certification: Autodesk Certified User in Revit Architecture

Practicum in Architectural Design* (HPARDA/B)

Grade 12, 2 credits, Level 4, Honors weighted GPA

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.

Prerequisite: Architectural Design II and Program Qualification Form

Interior Design Track

Business & Industry Endorsement

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.

Principles of Architecture (PRARCA/B)

Grade 9-11, 1 credit, Level 1, On-Level weighted GPA

Principles of Architecture provides an overview of the various fields of architecture, interior design, and construction 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)

Grades 10-12, 1 credit, Level 2, On-Level weighted GPA

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: Algebra I and English I

Recommended Prerequisite: Principles of Architecture

Interior Design II* (INTD2A/B)

Grade 11-12, 2 credits, Level 3, On-Level weighted GPA

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: English II, Geometry, and Interior Design I

Certification: Autodesk Certified User in Revit Architecture

Practicum in Architectural Design* (HPARDA/B)

Grade 12, 2 credits, Level 4, Honors weighted GPA

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: Interior Design II and Program Qualification Form

Carpentry Track

Business & Industry Endorsement

The Carpentry 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.

Principles of Architecture (PRARCA/B)

Grade 9-11, 1 credit, Level 1, On-Level weighted GPA

Principles of Architecture provides an overview of the various fields of architecture, interior design, and construction 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 Technology I (CONSTA/B)

Grades 10-12, 2 credits, Level 2, On-Level weighted GPA

In Construction Technology 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 Carpentry Level I

Construction Technology II* (CNST2A/B)

Grade 11-12, 2 credits, Level 3, On-Level weighted GPA

In Construction Technology 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 Technology I and are introduced to exterior and interior finish out skills. Offered on the Walnut Grove campus.

Prerequisite: Construction Technology I

Certification: NCCER Carpentry Level II

CTE Practicum* (PRENTA/B)

Grade 11- 12, 2 credits, Level 4, Honors weighted GPA

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

Audio/Video Production Track

Business & Industry Endorsement

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, or motion pictures. The Audio/Video Production track may also include exploration into operating machines and equipment to record sound and images, such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment.

Introduction to Communication Arts and Media* (ICAMA/B)

Grade 9-11, 1 credit, Level 3, On-Level weighted GPA

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. **This course satisfies the fine arts graduation requirement.**

Prerequisites: None

Certification: Adobe Photoshop, Adobe Illustrator

Audio Video Production I (AVPRDA/B)

Grade 10-12, 1 credit, Level 2, On-Level weighted GPA

Students will explore the different aspects of visual filmmaking, study creative screenwriting, and learn the operation of various industry standard cameras, editing software, and audio equipment. 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 10-12, 2 credits, Level 3, On-Level weighted GPA

This course will give students a deeper understanding of careers in film production, with a focus on pre-production, production, and post-production by using industry standard equipment and software. Students will explore real-world audio production challenges and solutions in film and video production, animation,. This course requires significant time outside of school.

Prerequisite: Audio Video Production I

Certification: Adobe After Effects

Practicum in Audio Video Production* (HPCAVA/B)

Grade 11-12, 2 credits, Level 4, Honors weighted GPA

This course will give students real-world, client-based experience in the broadcast 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 OR Broadcast News Team II and Program Qualification Form

Broadcast Track

Business & Industry Endorsement

The Broadcast track explores the occupations and educational opportunities associated with the production of audio and visual media formats for various purposes, such as TV broadcasts and radio broadcasting. The Broadcast track may also include exploration into operating machines and equipment to record sound and images, such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment.

Introduction to Communication Arts and Media* (ICAMA/B)

Grade 9-11, 1 credit, Level 3, On-Level weighted GPA

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. **This course satisfies the fine arts graduation requirement.**

Prerequisites: None

Certification: Adobe Photoshop, Adobe Illustrator

Broadcast News Team I (BRNT1A/B)

Grade 10-12, 1 credit, Level 2, On-Level weighted GPA

With gaining a deep understanding of journalism as a focus, students will use industry-standard equipment and studios to produce feature stories and broadcasts grounded in school and community events, activities and people. Students will have the opportunity to work with audio related to radio and television broadcasting, as well as live sound. This course will require time outside of school.

Prerequisite: Introduction to Communication Arts and Media and Program Qualification form

Recommended Prerequisite: Principles of Arts, A/V Technology, and Communications or eighth grade video production/broadcast journalism

Certification: Adobe Premiere Pro

Broadcast News Team II* (BRNT2A/B)

Grade 10-12, 2 credits, Level 3, On-Level weighted GPA

This course gives students a deeper understanding of careers in the radio and television broadcast, journalism, and news industries. Students gain real-world experience by producing a news show for the campus and Prosper community using the school's television studios, and a fulltime broadcast using the school's radio studios. Students will explore real-world audio production challenges and solutions in radio and television broadcasting as well as live sound. This course requires significant time outside of school.

Prerequisite: Broadcast News Team I and Program Qualification Form

Practicum in Broadcast* (HPCAVA/B)

Grade 11- 12, 2 credits, Level 4, Honors weighted GPA

This course will give students real-world, client-based experience in the broadcast and radio industries by using industry standard equipment, methods, and software. This course will require significant time outside of school.

Prerequisite: Broadcast News Team II or Audio Video Production II and Program Qualification Form

Fashion Design Track

Business & Industry Endorsement

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.

Introduction to Communication Arts and Media* (ICAMA/B)

Grade 9-11, 1 credit, Level 3, On-Level weighted GPA

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. **This course satisfies the fine arts graduation requirement.**

Prerequisites: None

Certification: Adobe Photoshop, Adobe Illustrator

Fashion Design I (FASHDA/B)

Grade 10-12, 1 credit, Level 2, On-Level weighted GPA

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.

Recommended Prerequisite: Introduction to Communication Arts and Media

Fashion Design II* (FASHD2A/B)

Grade 10-12, 2 credit, Level 3, On-Level weighted GPA

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. Students will be required to provide their own sewing supplies.

Prerequisite: Fashion Design I and Program Qualification Form

Practicum in Fashion Design* (PFASHA/B)

Grade 11-12, 2 credits, Level 4, Honors weighted GPA

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. Students are required to provide their own sewing supplies.

Prerequisite: Fashion Design II and Program Qualification Form

Animation Track

Business & Industry Endorsement

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.

Digital Art and Animation* (T9703A/B)

Grade 9-12, 1 credit, Level 3, On-level weighted GPA

This course consists of computer images and animations created with digital imaging software such as Adobe Photoshop, Adobe Illustrator and Blender. Digital Art and Animation has applications in many careers, such as graphic design, advertising, web design, animation, and magazine, film, television, and game industries. Students will learn the basic software skills while incorporating the design principles in their unique projects.

This course satisfies the fine arts graduation requirement.

Prerequisites: None

Certification: Adobe Photoshop and Adobe Illustrator

3D Modeling and Animation* (T9704A/B)

Grade 10-12, 1 credit, Level 3, On-level weighted GPA

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.***

Recommended prerequisite: Digital Art and Animation **OR** Video Game Design

Animation I (ANIM1A/B)

Grade 11-12, 1 credit, Level 2, On-level weighted GPA

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, 2 credits, Level 3, Honors weighted GPA

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

Graphic Design Track

Business & Industry Endorsement

The Graphic Design track focuses on occupational and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as signage, apparel, packaging, displays, or logos. The Graphic Design track focuses on visual communication.

Introduction to Communication Arts and Media* (ICAMA/B)

Grade 9-11, 1 credit, Level 3, On-Level weighted GPA

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. **This course satisfies the fine arts graduation requirement.**

Prerequisites: None

Certification: Adobe Photoshop, Adobe Illustrator

Graphic Design and Illustration I (GRDS1A/B)

Grade 10 -12, 1 credit, Level 2, On-Level weighted GPA

Students will investigate the fundamentals of graphic design and illustration through exploration of the principles of design, color theory, typography, and composition, applying these concepts to create visually appealing and effective designs. Through hands-on projects, students will develop skills in using industry-standard software to create a variety of design solutions, including logos, branding materials, print layouts, and digital illustrations.

Prerequisite: Introduction to Communication Arts and Media

Certification: Adobe Illustrator

Graphic Design and Illustration II* (GRDS2A/B)

Grade 10 -12, 1 credit, Level 3, On-Level weighted GPA

This course continues in designing, producing, exhibiting, performing, writing, and publishing multimedia content such as logos, displays, and packaging. This course builds upon the foundational skills developed in Graphic Design and Illustration I, delving deeper into advanced techniques and industry standards. Students will explore complex design challenges and refine their abilities in creating visually compelling and impactful designs. Students will develop expertise in advanced typography, application of color theory, interactive design, and visual effects. Students will build a portfolio showcasing their skills and creative vision.

Prerequisite: Graphic Design and Illustration I

Certification: Adobe InDesign

CTE Practicum* (PRENTA/B)

Grade 11-12, 2 credits, Level 4, Honors weighted GPA

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: Graphic Design and Illustration II and Program Qualification Form

Video Game Design Track

Business & Industry Endorsement

The Video Game Design track focuses on creating special effects, animation, or other visual images using computers and other electronic tools and media for use in computer games, movies, videos, and commercials.

<p>Video Game Design (VIDGDA/B) Grade 9-12, 1 credit, Level 1, On-Level weighted GPA 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. Recommended Prerequisite: Principles of Arts, AV Technology, and Communications</p>	
<p>Video Game Programming (VIDPGA/B) Grade 10-12, 1 credit, Level 2, On-Level weighted GPA 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</p>	
<p>Advanced Video Game Programming* (HADVGA/B) Grade 11-12, 1 credit, Level 3, Honors weighted GPA Using Unity as an introduction to 3D game development, students will have exposure to and an understanding of: object-oriented programming concepts; game development skill and 3D modeling. Students will communicate and collaborate on group-based projects. Prerequisite: Video Game Programming Recommended prerequisite: Geometry</p>	<p>Foundations in ESports User Experience (ESPUXA/B) Grade 11-12, 1 credit, Level 2, On-Level weighted GPA In this course, you'll learn the ins and outs of UX design. You'll solve real-world problems by conducting research and using data to inform your design decisions. You'll collaborate with your peers to brainstorm creative solutions and work together to bring your ideas to life. By the end of this course, you'll have the skills to improve the user experience of products and services, making them more intuitive, enjoyable, and effective. Prerequisite: at least one course from the Video Game Design track</p>
<p>CTE Practicum* (PRENTA/B) Grade 12, 2 credits, Level 4, Honors weighted GPA 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 from the Video Game Design track and Program Qualification Form</p>	<p>Advanced ESports User Experience* (AESUXA/B) Grade 12, 1 credit, Level 3, On-Level weighted GPA Students will dive deeper into the world of UX design. You'll build on your knowledge to master advanced research, design, and testing techniques while learning how to craft compelling narratives and communicate your design ideas effectively. Through hands-on projects, you'll simulate real-world scenarios and gain practical experience in creating stunning visual designs, conducting user research, and developing well-structured design processes. Prerequisite: Foundations in ESports User Experience</p>

Modern Media - Communication Arts and Media Track

Business & Industry Endorsement

The Modern Media - Communication Arts and Media track focuses on occupational and educational opportunities associated with designing or creating graphics to meet commercial or production needs. The Communication Arts and Media track provides students with a comprehensive understanding of multimedia design and production related to journalism. Students will use design principles to create appealing layouts for print and digital media, including production of an online newspaper/website and a news magazine. They also will develop photography skills, including capturing images that tell stories as they gain practical experience in news gathering, writing, and editing.

Introduction to Communication Arts and Media* (ICAMA/B)

Grade 9-11, 1 credit, Level 3, On-Level weighted GPA

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. **This course satisfies the fine arts graduation requirement.**

Prerequisites: None

Certification: Adobe Photoshop, Adobe Illustrator

Modern Media I: Communication Arts and Media (MODM1A/B)

Grade 10-12, 1 credit, Level 2, On-Level weighted GPA

Students will gain practical experience in the field of multimedia design and production, including photography, design, and journalism, 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, gain hands-on experience in producing a student newspaper/website/news magazine, as well as other modern media outlets, and utilize cutting-edge publishing software and online publishing platforms. This course will require out-of-school time, including covering athletic events, practices, club activities, and student life.

Prerequisite: Introduction to Communication Arts and Media

Certification: Adobe InDesign

Modern Media II: Communication Arts and Media* (MODM2A/B)

Grade 11-12, 1 credit, Level 3, On-Level weighted GPA

This course will build upon foundational photography, design, and journalism skills while refining their artistic vision and technical abilities through a variety of projects. Students will explore advanced photographic techniques and gain hands-on experience in designing and producing professional-quality publications, including newspapers and digital media, as well as other modern media outlets. Students will also use industry-standard software to create appealing layouts and engaging content. This course will require out-of-school time, including covering athletic events, practices, club activities, and student life.

Prerequisite: Modern Media I: Communication Arts and Media and Program Qualification Form

Practicum in Modern Media* (PCMMA/B)

Grade 12, 2 credits, Level 4, Honors weighted GPA

This course will give students real-world, client-based experience in the journalism, news, digital media, and photography industries by using industry standard equipment, methods, and software. This course will require significant time outside of school.

Prerequisite: Modern Media II: Communication Arts and Media and Program Qualification Form

Yearbook Track

Business & Industry Endorsement

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.

Introduction to Communication Arts and Media* (ICAMA/B)

Grade 9-11, 1 credit, Level 3, On-Level weighted GPA

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. **This course satisfies the fine arts graduation requirement.**

Prerequisites: None

Certification: Adobe Photoshop, Adobe Illustrator

Yearbook I *Graphic Design & Illustration I* (GRDY1A/B)

Grade 10-12, 1 credit, Level 2, On-Level weighted GPA

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; Commercial Photography I or Digital Media can fulfill this requirement for the 25-26 school year.

Certification: Adobe InDesign

Yearbook II *Graphic Design and Illustration II* * (GRDY2A/B)

Grade 11-12, 1 credit, Level 3, On-Level weighted GPA

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

Practicum in Yearbook *Graphic Design and Illustration* * (PRENYA/B)

Grade 12, 2 credits, Level 4, Honors weighted GPA

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 practicum course, work-based learning, industry ready standards, and entrepreneurial avenues will all be investigated and applied.

Prerequisite: Yearbook II and Program Qualification Form

Accounting and Finance Business & Industry Endorsement

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 participates in the following organization: DECA

<p>Principles of Business, Marketing, and Finance (PBMFA/B) Grade 9-11, 1 credit, Level 1, On-Level weighted GPA In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of activities, problems, and settings. Prerequisite: None</p>
<p>Business Information Management 1 (BUSM1A/B) Grade 9-12, 1 credit, Level 1, On-Level weighted GPA This is an introduction to business applications of emerging technologies, creating word-processing documents (Microsoft Word), developing spreadsheets (Microsoft Excel), formulating databases (Microsoft Access), and producing electronic presentations (Microsoft PowerPoint). Prerequisite: None Certification: Microsoft Word and Excel Expert</p>
<p>Accounting I (ACCT1A/B) Grade 10-12, 1 credit, Level 2, On-Level weighted GPA An introduction to the field of accounting, including the accounting equation, journal entries, inventory, payroll, and financial statements. You will create, analyze, interpret financial statements and other financial information. Recommended Prerequisite: Algebra I</p>
<p>Accounting II* (HACT2 A/B) Grade 11-12, 1 credit, Level 3, Honors weighted GPA Students create, analyze, and interpret financial information including the creation of financial statements and financial ratios. This course fulfills a fourth math credit-verify university admission requirements. Prerequisite: Accounting I Certification: VITA/TCE: Basic</p>
<p>Financial Analysis * (FINANA/B) Grade 11-12, 1 credit, Level 3, On-Level weighted GPA Students gather, create, and evaluate various companies' financial information to be able to make recommendations for stakeholders. Prerequisite: Accounting I</p>
<p>Securities and Investments * (SECINA/B) Grade 11-12, 1 credit, Level 4, On-Level weighted GPA Students learn about the securities industry by exploring its history and inner workings while becoming familiar with the stock market. Students analyze and decide on best investing strategies. Prerequisite: None</p>
<p>CTE Practicum * (PRENTA/B) Grade 12, 2 credits, Level 4, Honors weighted GPA 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: Must have taken at least two prior courses in the program of study and Program Qualification Form.</p>

Business Management

Business & Industry Endorsement

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

Principles of Business, Marketing, and Finance (PBMFA/B)

Grade 9-11, 1 credit, Level 1, On-Level weighted GPA

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of activities, problems, and settings.

Prerequisite: None

Business Information Management 1 (BUSM1A/B)

Grade 9-12, 1 credit, Level 1, On-Level weighted GPA

This is an introduction to business applications of emerging technologies, creating word-processing documents (Microsoft Word), developing spreadsheets (Microsoft Excel), formulating databases (Microsoft Access), and producing electronic presentations (Microsoft PowerPoint).

Prerequisite: None

Certification: Microsoft Word and Excel Expert

Virtual Business (VRTBUS)

Grade 10-12, .5 credit, Level 2, On-Level weighted GPA

Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating project-management skills. Students will also demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business.

Prerequisite: None

Human Resource Management * (HUMR)

Grade 10-12, .5 credit, Level 3, On-Level weighted GPA

Human Resources Management is designed to familiarize students with the concepts related to human resource management, including legal requirements, recruitment, employee selection methods, and employee development and evaluation. Students will also become familiar with compensation and benefits programs as well as workplace safety, employee-management relations, and the impact of global events on human resources management.

Prerequisite: None

Entrepreneurship (ENTPRA/B)

Grade 11-12, 1 credit, Level 2, On-Level weighted GPA

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: One business course

Certification: NRF Customer Service and Sales

CTE Practicum * (PRENTA/B)

Grade 12, 2 credits, Level 4, Honors weighted GPA

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: Must have taken at least two prior courses in the program of study and Program Qualification Form.

Marketing and Sales Business & Industry Endorsement

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 participates in the following organization: DECA**

<p>Principles of Business, Marketing, and Finance (PBMFA/B) Grade 9-11, 1 credit, Level 1, On-Level weighted GPA In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of activities, problems, and settings. Prerequisite: None</p>
<p>Fashion Marketing (FASMKT) Grade 10-12, 0.5 credit, Level 2, On-Level weighted GPA Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, selling, visual merchandising and career opportunities in the fashion industry. Prerequisite: None</p>
<p>Sports & Entertainment Marketing (SPENMK) Grade 10-12, 0.5 credit, Level 2, On-Level weighted GPA Learn how companies and marketers use collegiate and professional sports teams and events, celebrities, and entertainment events such as a music concert or an awards show to promote its brand name and products. Prerequisite: None</p>
<p>Social Media Marketing * (SOCMEM) Grade 10-12, 0.5 credit, Level 3, On-Level weighted GPA Learn how companies and marketers create and use social media as a part of their overall marketing strategies. Prerequisite: None Certification: Student Social Media Marketing</p>
<p>Advertising * (ADVSPR) Grade 10-12, 0.5 credit, Level 3, On-Level weighted GPA Students will learn about the practices of advertising including the use of various media formats and the exploration of social, ethical, and legal issues of advertising including the historical influences, the strategies, and the media decision. Prerequisite: None</p>
<p>Retail Management - School Store* (RTMANA/B) Grade 11-12, 1 credit, Level 3, On-Level weighted GPA Retail management focuses on the distribution and selling of products to consumers using various vending points such as chain stores, department stores, stand-alone stores, and various online markets. The course highlights the mechanisms necessary to operate a successful retail establishment. The student is taught to evaluate methods for promoting merchandise, supervising employees, handling customer needs, and maintaining inventories. Prerequisite: At least one business credit and Program Qualification Form</p>
<p>CTE Practicum * (PRENTA/B) Grade 12, 2 credits, Level 4, Honors weighted GPA 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: Must have taken at least two prior courses in the program of study and Program Qualification Form.</p>

Teaching and Training

Public Service Endorsement

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 participates in the following organization: Texas Association of Future Educators**

<p>Principles of Human Services (PRHMSA/B) Grade 9-11, 1 credit, Level 1, On-Level weighted GPA Students investigate careers including counseling and mental health, early childhood development, family and community, personal care, and consumer services. Prerequisite: None</p>
<p>Human Growth and Development (HUGRDA/B) Grade 10-12, 1 credit, Level 2, On-Level weighted GPA Students will examine human development across the lifespan with emphasis on research, theoretical perspectives, and common developmental milestones. This course covers material generally taught in a postsecondary introductory developmental psychology or human development course. Recommend Prerequisite: Principles of Human Services</p>
<p>Instructional Practices- Ready, Set, Teach I* (PRED1A/B) Grade 11-12, 2 credits, Level 3, On-Level weighted GPA Students will explore the teaching profession in class and in an elementary or middle school internship. Students will study child and adolescent development as it applies to the classroom as well as principles of effective teaching and training practices. Personal Transportation Required. Prerequisite: Human Growth and Development (can be taken during the same year as Instructional Practices) and Program Qualification Form</p>
<p>Practicum in Education and Training (Ready, Set, Teach II)* (HPRE2A/B) Grade 12, 2 credits, Level 4, Honors weighted GPA 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: Ready, Set, Teach I and Program Qualification Form Certification: Educational Aide I</p>

Biomedical Science

Public Service or STEM Endorsement

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 participates in the following organization: Health Occupation Students of America**

Principles of Biomedical Science (PBIOSA/B)

Grade 9-12, 1 credit, Level 1, Honors weighted GPA

Determine what led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged their life. Through activities and projects you explore human physiology, medicine, research processes and bioinformatics. You will learn about homeostasis, metabolism, inheritance of traits, and defense against diseases.

Prerequisite: None

Human Body Systems (HUMANA/B)

Grades 10-12, 1 credit, Level 2, Honors weighted GPA

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal system; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

Prerequisite: Principles of Biomedical Science

Medical Interventions* (MEDINA/B)

Grades 11-12, 1 credit, Level 3, Honors weighted GPA

Students investigate the variety of interventions involved in the prevention, diagnosis, and treatment of disease as they follow the lives of a fictitious family. Through these scenarios, students will be exposed to a wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices and diagnostics.

Prerequisite: Human Body Systems.

Biomedical Innovations* (BIOINA/B)

Grade 12, 2 credits, Level 4, Honors weighted GPA

Students design innovative solutions for health challenges of the 21st century working through challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. Students are presented with each problem in a mission file, a case brief, a list of completion tasks, links to resources, and a reflection section. This provides skills-based instruction in research and experimentation and tools students use to design innovative solutions to real-world problems. The student uses what they learn in these missions as they develop and implement their independent project at the end of the year, culminating in the creation of a project portfolio. Students are encouraged to work with a mentor from the biomedical industry and present their work to an audience from the health care community.

Prerequisites: Medical Interventions

Certification: Biotechnician Assistant Credentialing Exam (BACE)

Exercise Science, Wellness, and Restoration Public Service Endorsement

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 participates in the following organization: Health Occupation Students of America**

Principles of Exercise Science and Wellness (PREXSA/B)

Grades 9-10, 1 credit, Level 1, On-Level weighted GPA

The Principles of Exercise Science and Wellness course provides an overview of the knowledge and skills that assist patients with maintaining physical, mental, and emotional health. Students learn techniques to help patients recover from injury, illness, and disease.

Prerequisite: None

Kinesiology I (KINESA/B)

Grades 10-12, 1 credit, Level 2, On-Level weighted GPA

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.

Recommended Prerequisite: Principles of Exercise Science and Wellness

Kinesiology II* (KINE2A/B)

Grades 11-12, 1 credit, Level 3, On-Level weighted GPA

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

Practicum in Exercise Science* (PRENXA/B)

Grade 12, 2 credits, Level 4, Honors weighted GPA

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 with Kinesiology 1 and Program Qualification Form

Diagnostic and Therapeutic Services

Public Service Endorsement

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 participates in the following organization: Health Occupation Students of America**

<p>Principles of Health Science (PRHSCA/B) Grade 8-11, 1 credit, Level 1, On-Level weighted GPA 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</p>
<p>Allied Health Therapeutic Services (ALHSA/B) Grade 9-10, 1 credit, Level 2, On-Level weighted GPA 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</p>
<p>Medical Terminology (MEDITA/B) Grade 10-12, 1 credit, Level 2, On-Level weighted GPA Medical Terminology allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. Prerequisite: One credit from the Health Science Career Cluster</p>
<p>Pharmacy I (PHRM1A/B) Grade 11-12, 1 credit, Level 2, On-Level weighted GPA Pharmacy I allows students to gain a foundation in the knowledge and skills needed to pursue a career in the pharmaceutical field (e.g., pharmacy technician, pharmacist). Prerequisite: Biology and Principles of Health Science Recommended Prerequisite: Medical Terminology</p>
<p>Anatomy and Physiology* (ANPHYA/B) Grade 11-12, 1 credit, Level 3, Honors weighted GPA 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 counts as a 4th science credit. Prerequisite: One credit in Biology and One Credit in Chemistry, Integrated Physics and Chemistry (IPC), or Physics</p>
<p>Health Science Theory* (HSTHEA/B) Grade 11-12, 1 credit, Level 3, On-Level weighted GPA 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: One credit in Biology and at least one credit in a course from the Health Science career cluster Recommended Prerequisite: Medical Terminology Certification: Basic Life Support (BLS)- Does not meet CCMR</p>
<p>Pharmacology* (PHARMA/B) Grade 12, 1 credit, Level 4, Honors weighted GPA This course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Prerequisite: One credit in Biology, one credit in Chemistry, and at least one credit in a Level 2 or higher course from the Health Science career cluster Certification: Pharmacy Technician</p>
<p>Pathophysiology * (PATHPA/B) Grade 11-12, 1 credit, Level 4, Honors weighted GPA Students study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. This course counts as a 4th science credit. Prerequisites: One credit in Biology, one credit in Chemistry, and at least one credit in a Level 2 or higher course from the Health Science career cluster</p>

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.

9th or 10th Grade Principles of Health Science: Articulated with Introduction to Health Professions - HPRS 1201	
10th or 11th Grade <u>Fall:</u> DC Medical Terminology (HITT1305) <u>Spring:</u> DC Pathophysiology (HPRS 2301)	Dual Credit Medical Terminology Grade 10-11, 1 credit, AP/DC weighted GPA (METDC A/B) 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
11th or 12th Grade CNA <u>Fall:</u> Nurse Aide for Health Care (NURA 1401) Basic Health Skills II (HPRS 2310) <u>Spring:</u> Clinical - Nurse Aide for Health Care (NURA 1160) End of Life Issues (HPRS 1303)	Dual Credit Health Science Theory and Clinical (CNA) * (HSTHSA/B) Certified Nurse Assistant Grade 11-12, 2 credits, AP/DC weighted GPA Health Science Theory and Clinical provides for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences and exposure to different methodologies such as clinical rotations and career preparation learning. After successfully completing the required hours and grades, the student will take the Certified Nurse Assistant 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: One credit within the PISD Health Science career cluster program qualification form, interview, college acceptance, and registration required
12th Grade Only EKG <u>Fall:</u> Cardiovascular Concepts (DSAR 2303) Electrocardiography (HPRS 2321) <u>Spring:</u> Diagnostic Electrocardiography (ECDR 1340) Clinical - Health Services (DSAE 1340) Basic Health Skills II (HPRS 2310)	Dual Credit Health Science Theory and Clinical Electrocardiography (EKG)* (HSTELA/B) Grade 12, 2 credits, AP/DC weighted GPA Health Science Theory and Clinical provides for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences and exposure to different methodologies such as clinical rotations and career preparation learning. After successfully completing the required hours and grades, the student will 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: One credit within the PISD Health Science career cluster, program qualification form, interview, college acceptance, and registration required
11th or 12th Grade Rehabilitation Aide <u>Fall:</u>	Dual Credit Practicum in Health Science - Rehab Aide (REHABA/B) Grade 11-12, 2 credits, AP/DC weighted GPA The Rehabilitation Aide Occupational Skills Award (OSA) is a

<p>The Profession of Physical Therapy (PTHA 1201) Introduction to Physical Therapy (PTHA 1409)</p> <p style="text-align: center;"><u>Spring:</u></p> <p>Clinical - Physical Therapy Assistant (PTHA 1160) Basic Health Skills II (HPRS 2310)</p>	<p>two-semester award that prepares the student for a career as a Rehabilitation Aide or Physical Therapy Technician. This award is an excellent start for anyone interested in pursuing a career in physical therapy, occupational therapy, chiropractic, medicine, massage, personal training, and other related medical fields. The two-semester track will offer an in-depth education with hands-on experience in the rehabilitation field using experienced clinical staff and faculty along with state-of-the-art lab and simulation equipment. The award prepares the student to work in the rehabilitation field. It provides students interested in an advanced career in rehabilitation a springboard to explore their interests and begin working toward advanced degrees and training.</p> <p>Fees for uniforms, insurance and testing are required for this course. Students must provide their own transportation to and from clinical locations.</p> <p>Prerequisite: One credit within the PISD Health Science career cluster, program qualification form, interview, college acceptance, and registration required</p>
<p>12th Grade Only</p> <p>Patient Care Technician *MUST have completed CNA first</p> <p style="text-align: center;"><u>Fall:</u></p> <p>Diagnostic Electrocardiography (DSAE 1340) Phlebotomy (PLAB 1323)</p> <p style="text-align: center;"><u>Spring:</u></p> <p>Patient Care Technician/Assistant (NUPC 1320) Clinical - Patient Care Assistant/Aide (NUPC 1160)</p>	<p>Dual Credit Practicum in Health Science Patient Care Technician (PCT)* (EKG00A/B) Grade 12, 2 credits, AP/DC weighted GPA, 8 College Hours</p> <p>The Patient Care Technician (PCT) Health Science Practicum is designed to provide students with opportunities for practical application of previously studied knowledge and skills in a variety of locations appropriate to the nature and level of experience. Students will study EKG and phlebotomy principles in preparation for certification as a Patient Care Tech (PCT).</p> <p>Fees for uniforms, insurance and testing will be required for this course. Students must provide their own transportation to and from clinical locations.</p> <p>Prerequisite: One credit within the PISD Health Science career cluster, CNA, program qualification form, interview, college acceptance, and registration required</p>
<p>12th Grade Only</p> <p>Emergency Medical Technician (EMT) *CNA or RA Recommended</p> <p style="text-align: center;"><u>Fall:</u></p> <p>Basic Health Skills II (HPRS 2310) Introduction to EMT (EMSP 1371)</p> <p style="text-align: center;"><u>Spring:</u></p> <p>Emergency Medical Technician (EMSP 1501)</p> <p style="text-align: center;"><u>Summer:</u></p> <p>Clinical - Emergency Medical Technician (EMSP 1160)</p>	<p>Dual Credit Emergency Medical Technician (EMT)* (EMTDCA/B) Grade 12, 2 credits, AP/DC weighted GPA,</p> <p>The Emergency Medical Technician (EMT) is designed to provide students with opportunities for practical application of previously studied knowledge and skills in a variety of locations appropriate to the nature and level of experience. Students will study basic health skills and skills necessary to become an emergency medical technician to prepare for certification as an Emergency Medical Technician (EMT).</p> <p>Fees for uniforms, insurance and testing will be required for this course. Students must provide their own transportation to and from clinical locations.</p> <p>Prerequisite: One credit within the PISD Health Science career cluster, CNA or RA recommended, program qualification form, interview, college acceptance, and registration required</p>

Culinary Arts and Hospitality Business & Industry Endorsement

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.

<p>Introduction to Culinary Arts (INTCAA/B) Grade 9-11, 1 credit, Level 1, On-Level weighted GPA Students will learn the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. Fee for testing may be required. Prerequisite: None Certification: E-Food Handlers (student fee)</p>	<p>Principles of Hospitality and Tourism (PRHSPA/B) Grade 9-11, 1 credit, Level 1, On-Level weighted GPA Students will learn the industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Prerequisite: None</p>
<p>Culinary Arts (CLAR1A/B) Grade 10-12, 2 credits, Level 2, On-Level weighted GPA Students will be certified in safety and sanitation through a recognized program. Major focuses will be on the art of cooking, science of baking, including management and production skills and professional etiquette. Fees for uniforms and testing may be required. This course is articulated with Collin College. Prerequisite: Program qualification form Recommended Prerequisite: Introduction to Culinary Arts and E-Food Handler Certification Certification: Food Protection Manager</p>	
<p>Advanced Culinary Arts*(ADVCAA/B) Grade 11-12, 2 credits, Level 3, On-Level weighted GPA Students will extend content and enhance skills introduced in Culinary Arts including art of cooking, baking, management, production skills, and professional etiquette. Fees for uniforms and testing may be required. Prerequisite: Culinary Arts and Program Qualification form</p>	
<p>Practicum in Culinary Arts* (HPRCAA/B) Grade 12, 2 credits, Level 4, Honors weighted GPA 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. Fees for uniforms and additional testing may be required. Prerequisite: Advanced Culinary Arts and Program Qualification Form</p>	

Family and Community Services Business & Industry Endorsement

The Family and Community Services program of study introduces students to knowledge and skills related to social services, including child and human development and consumer sciences. CTE learners may learn about or practice managing social and community services or teaching family and consumer sciences. Students may follow career paths in social work or therapy for children, families, or school communities

<p>Principles of Human Services (PRHMSA/B) Grade 9-11, 1 credit, Level 1, On-Level weighted GPA Students investigate careers including counseling and mental health, early childhood development, family and community, personal care, and consumer services. Prerequisite: None</p>	
<p>Dollars and Sense (DOLLSN) Grade 9-12, 0.5 credit, Level 1, On-Level weighted GPA Students learn about money-management and decision making and how these choices impact them and the world/economy around them. Prerequisite: None</p>	<p>Professional Communications (PROCOM) Grade 9-12, 0.5 credit, Level 1, On-Level weighted GPA 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. Prerequisite: None</p>
<p>Human Growth and Development (HUGRDA/B) Grade 10-12, 1 credit, Level 2, On-Level weighted GPA Students will examine human development across the lifespan with emphasis on research, theoretical perspectives, and common developmental milestones. This course covers material generally taught in a postsecondary introductory developmental psychology or human development course. Recommended Prerequisite: Principles of Human Services</p>	
<p>Counseling and Mental Health* (COUNSA/B) Grade 11-12, 1 credit, Level 3, On-Level weighted GPA 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: Human Growth and Development Certification: Community Health Worker</p>	
<p>CTE Practicum* (PRENTA/B) Grade 12, 2 credits, Level 4, Honors weighted GPA 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: Human Growth and Development and Counseling and Mental Health, Program Qualification Form</p>	

Cosmetology and Personal Care Services Business & Industry Endorsement

Located at Richland High School

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.

Fundamentals of Cosmetology (FCOSMA/B)

Grade 9, 2 credit, Level 1, On-Level weighted GPA

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.

****Students will be required to obtain their Student License from TDLR prior to the start of the school year.**

There will be a \$25 fee for this license**

Prerequisite: Program Qualification Form

Intermediate Cosmetology (ICOSMA/B)

Grade 10, 2 credit, Level 2, On-Level weighted GPA

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.

****Students will be required to obtain their Student License from TDLR prior to the start of the school year.**

There will be a \$25 fee for this license**

Prerequisite: Fundamentals of Cosmetology and Program Qualification Form

Cosmetology Progressions

Grade 11, 2 credit, Level 3, On-Level weighted GPA

Available 2026-2027 School Year

Salon Ready Cosmetology

Grade 11, 2 credit, Level 4, On-Level weighted GPA

Available 2027-2028 School Year

Programming and Software Development Business & Industry or STEM Endorsement

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. **Program Note: Two credits in the following courses satisfy the World Languages graduation requirements: Computer Science I, II, III, AP Computer Science Principles, and AP Computer Science A. Verify with the college you plan to attend for their admission requirements.**

<p>Fundamentals of Computer Science (T9706A/B) Grade 8-12, 1 credit, Level 1, On-Level weighted GPA This is a beginner's level approach to computer science. Students who enroll in this class are not expected to have any prior knowledge of programming, web design or game design. Students will be taught structured programming concepts and the use of algorithms for problem solving while using time management skills. Prerequisite: None</p>	
<p>Honors Computer Science I (FC110A/B) Grade 9-12, 1 credit, Level 2, Honors weighted GPA 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. Prerequisite: Algebra I</p>	<p>AP Computer Science Principles (T9820A/B) Grade 9-12, 1 credit, Level 2, AP/DC weighted GPA In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Students who take AP courses should take the AP exam in May. Recommended Prerequisite: Algebra I</p>
<p>Computer Science II* (FC210A/B) Grade 10-12, 1 credit, Level 3, Honors weighted GPA This course offers an emphasis on object-oriented programming methodology with a concentration on problem solving and algorithm development using Python programming language. Prerequisite: Algebra I and Computer Science I Certification: Certified Entry-Level Python Programmer</p>	<p>AP Computer Science A* (MA520A/B) (FCSAPA/B) Grade 10-12, 2 credits, Level 3, AP/DC weighted GPA This course offers an emphasis on object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first semester college-level course in Computer Science. The course includes the study of data structures, design, and abstraction using the Java programming language. Students who take AP courses should take the AP exam in May. This course fulfills the fourth credit of math. Prerequisite: Algebra I Recommended Prerequisite: Honors Computer Science I or AP Computer Science Principles</p>
<p>Computer Science III* (FC320A/B) Grade 11-12, 1 credit, Level 3, Honors weighted GPA 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. Prerequisite: Computer Science II or Advanced Placement (AP) Computer Science A</p>	
<p>Advanced Cloud Computing * (ACLCA/B) Grade 12, 1 credit, Level 3, Honors weighted GPA In this course, students explore cloud computing services, applications, and use cases. Students dive deeply 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: Level 2 or high computer science course</p>	

Cybersecurity

Business & Industry or STEM Endorsement

Located at Richland High School

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

Principles of Information Technology (ITPRA/B)

Grade 9, 1 credit, Level 1, On-Level weighted GPA

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

Foundations of Cybersecurity (FCYBA/B)

Grade 10, 1 credit, Level 1, On-Level weighted GPA

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.

Recommended Prerequisite: Principles of Information Technology

Digital Forensics *

Grade 11, 1 credit, Level 3

Available 2026-2027 School Year

Networking *

Grade 11, 1 credit, Level 3

Available 2026-2027 School Year

Cybersecurity Capstone *

Grade 12, 1 credit, Level 4

Available 2027-2028 School Year

Law Enforcement Public Service Endorsement

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

Principles of Law, Public Safety, Corrections & Security (PRLPSA/B)

Grade 9-12, 1 credit, Level 1, On-Level weighted GPA

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, 1 credit, Level 2, On-Level weighted GPA

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: Principles of Law, Public Safety, Corrections & Security

Forensic Psychology * (FRPSYA/B)

Grade 10-12, 1 credit, Level 3, On-Level weighted GPA

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: Principles of Law, Public Safety, Corrections & Security

Law Enforcement 2 (LAWE2A/B)

Grade 11-12, 1 credit, Level 3, On-Level weighted GPA

Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony.

Prerequisite: Law Enforcement 1

Certification: Emergency Telecommunicator

Forensic Science* (FORSCA/B)

Grade 11-12, 1 credit, Level 4, On-Level weighted GPA

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. The course fulfills a science credit.**

Prerequisite: Biology and Chemistry/Physics/IPC

Practicum in Law, Public Safety, Corrections, and Security* (HPLAWA/B)

Grade 11-12, 2 credits, Level 4, Honors weighted GPA

Students participate in supervised practical application of previously studied knowledge and skills.

Prerequisite: At least 2 Law courses and Program Qualification Form

Electrical Engineering

Business & Industry or STEM Endorsement

Located at Richland High School

The Electrical Engineering program of study focuses on occupational and educational opportunities associated with 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.

Principles of Manufacturing (PMANA/B)

Grade 9, 1 credit, Level 1, On-Level weighted GPA

This foundational course is designed to equip Electrical Engineering/Electronics Technology students with the essential skills and knowledge needed to excel in their chosen career path. By adhering to industry and academic standards, students will gain hands-on experience in soldering, desoldering, and using hand tools safely. They will also develop a strong foundation in technical mathematics, including metric prefixes. Additionally, the course delves into fundamental concepts of mechanisms and electronics, empowering students to design, build, analyze, and document basic manufacturing problems. Through this comprehensive curriculum, students will cultivate the technical proficiency, problem-solving abilities, and professional skills necessary to thrive as electronic engineers or technicians.

Recommended Prerequisite: Principles of Applied Engineering (8th grade)

AC/DC Electronics (ACDCA/B)

Grade 10, 2 credits, Level 2, On-Level weighted GPA

This course builds upon the foundational principles of manufacturing, delving into the world of direct and alternating current electronics. Students will explore the fundamentals of direct current, its applications in various circuits, and essential safety practices. They will gain hands-on experience with electrical components, test equipment, and circuit construction, guided by schematic diagrams. Through detailed laboratory exercises, students will solve electrical values, conduct computer simulations, analyze circuit behavior, and document their findings in technical reports. Expanding their knowledge to alternating current, students will learn about the principles of magnetism, the nature of sine waves, and advanced safety protocols. They will explore the concepts of inductance, capacitance, and their role in frequency filtering for communication circuits. By applying these concepts in the same rigorous lab process as in DC electronics, students will develop a comprehensive understanding of both DC and AC circuits, preparing them for advanced electrical engineering studies and industry applications.

Prerequisite: Principles of Manufacturing

Solid State Electronics*

Grade 11, 1 credit, Level 3

Available 2026-2027 School Year

Digital Electronics*

Grade 11, 1 credit, Level 3

Available 2026-2027 School Year

Career & Technical Education Capstone - Electrical Engineering*

Grade 12, 1 credit, Level 4

Available 2027-2028 School Year

Engineering Foundations Business & Industry or STEM Endorsement

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.

<p>Principles of Applied Engineering (PRAPEA/B) Grade 8-10, 1 credit, Level 1, On-Level weighted GPA Students develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and be able to make informed career decisions. Prerequisite: None Certification: Autodesk Fusion 360 (9th and 10th grade only)</p>		
<p>Engineering Design and Presentation I* (ENDSPA/B) Grade 9-12, 1 credit, Level 3, Honors weighted GPA 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 Recommended Prerequisite: Principles of Applied Engineering Certification: Autodesk Fusion 360</p>	<p>Robotics I (RBOT1 A/B) Grade 9-11, 1 credit, Level 2, On-Level weighted GPA 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 or Engineering Design and Presentation I</p>	<p>Manufacturing Engineering Technology I (MENT1A/B) Grade 9-12, 1 credit, Level 2, On-Level weighted GPA The study of manufacturing engineering will allow students to reinforce, apply, and transfer engineering concepts and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting. Students will have hands-on experience and will use equipment such as a 3D printer, wood machinery, metal lathe, CNC vertical milling machines, and Fanuc Robot I. Prerequisite: Principles of Applied Engineering or Engineering Design and Presentation I</p>
<p>Engineering Science* (PRENGA/B) Grade 10-12, 1 credit, Level 3, Honors weighted GPA 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 fulfills a Science credit. Prerequisites: Algebra I, Biology, and at least one Engineering course</p>	<p>Robotics II* (ROBO2A/B) Grade 10-12, 1 credit, Level 3, On-Level weighted GPA 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 fulfills a Math credit. Prerequisite: Robotics I</p>	
<p>Engineering Design and Problem Solving* (ESPSA/B) Grade 11-12, 1 credit, Level 4, Honors weighted GPA 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 fulfills a Science credit. Prerequisites: Algebra I, Geometry and at least two Engineering courses</p>		

Mechanical and Aerospace Engineering Business & Industry or STEM Endorsement

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. CTE learners will apply scientific, mathematical, and empirical evidence to solve problems for navigation, mechanics, robotics, propulsion, and combustion.

<p>Principles of Applied Engineering (PRAPEA/B) Grade 8-10, 1 credit, Level 1, On-Level weighted GPA</p> <p>Students develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and be able to make informed career decisions.</p> <p>Prerequisite: None</p> <p>Certification: Autodesk Fusion 360 (9th and 10th grade only)</p>	<p>Engineering Design and Presentation I* (ENDSPA/B) Grade 9-12, 1 credit, Level 3, Honors weighted GPA</p> <p>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.</p> <p>Prerequisite: Algebra I</p> <p>Recommended Prerequisite: Principles of Applied Engineering</p> <p>Certification: Autodesk Fusion 360</p>
<p>Aerospace Engineering* (ARSP1A/B) Grade 10-12, 1 credit, Level 3, Honors weighted GPA</p> <p>In this course, students explore the fundamentals of flight in air and space as they bring the concepts to life by designing and testing components, such as an airfoil, propulsion system, and a rocket. They learn orbital mechanics concepts and apply these by creating models using industry-standard software. Students simulate a progression of operations to explore a planet, including creating a map of the terrain and using the map to execute a mission using an autonomous robot. This course prepares students for college, a career, or the military by deepening their knowledge of aerospace concepts, developing students problem-solving skills, transportable skills (such as communication and ethical reasoning), and exposing them to a variety of careers.</p> <p>Prerequisite: Engineering Design and Presentation I or Principles of Applied Engineering</p>	
<p>Engineering Science* (PRENGA/B) Grade 10-12, 1 credit, Level 3, Honors weighted GPA</p> <p>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 fulfills a Science credit.</p> <p>Prerequisites: Algebra I, Biology, and at least one Engineering course</p>	
<p>Engineering Design and Problem Solving* (ESPSA/B) Grade 11-12, 1 credit, Level 4, Honors weighted GPA</p> <p>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 fulfills a Science credit.</p> <p>Prerequisites: Algebra I, Geometry and at least two Engineering courses</p>	

Transportation, Distribution, and Logistics Business & Industry Endorsement

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 I: Maintenance and Light Repair * (AUTO1A/B)

Grade 10-12, 2 credits, Level 3, On-Level weighted GPA

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.

This course meets at Prosper High School

Prerequisite: Program Qualification Form

Certification: ASE Automotive Certification: Maintenance and Light Repair (G1) and additional certifications as time permits

Automotive Technology II: Automotive Service* (AUTO2A/B)

Grade 11-12, 2 credits, Level 4, On-Level weighted GPA

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).

This course meets at Prosper High School

Prerequisite: Automotive Technology I and Program Qualification Form

Certification: ASE Automotive Certification: Automotive Services Technology and additional certifications as time permits

CTE Practicum* (PRENTA/B)

Grade 11- 12, 2 credits, Level 4, Honors weighted GPA

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: Must have taken at least two prior courses in the program of study and Program Qualification Form

Prosper Career Independent Study Business & Industry Endorsement

Prosper ISD's Career Independent Study (PCIS) 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, 1 credit, Honors weighted GPA

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, 1 credit, Honors weighted GPA

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.

Requiring Prerequisite - PCIS I and Program Qualification Form