Prosper Independent School District does not discriminate on the basis of race, religion, color, national origin, sex or disability in providing education or providing access to benefits of education services, activities, and programs, including career and technology programs, in accordance with Title VI of the Civil Rights Act of 1964 as amended; Title IX of the Education Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended; and Title II of the Americans with Disabilities Act. The Texas Education Agency and the Texas State Board of Education often update information, especially in the areas of assessment, accountability, and graduation plans. The information in this guide is accurate as of the time it went to print. This document is updated as information becomes available.
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**Personal Graduation Plan Overview**
Mission/Vision of Prosper ISD

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
How to Use This Catalog

The purpose of this course catalog is to provide students and parents with important information that will enable them to make informed decisions about their academic path and graduation options. Parents and students are encouraged to familiarize themselves with the graduation and endorsement requirements and work closely with teachers and counselors to help students make the best possible choices.

If you or your child has any questions about the information in this catalog, please contact your campus counselors or administrators.
Graduation Information

Requirements
Graduation requirements include:
- 26 credits (The Foundation High School Program with Endorsement)
- Five End of Course Exams (English I, II; Algebra I; Biology; U.S. History)
- In rare cases, or by ARD Committee determination, students may graduate on the Foundation Only Program with parent, principal, and counselor approval. This decision can be decided after a student’s sophomore year.

Graduation Plans and Endorsements
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, careers and the workforce.

A Distinguished Level of Achievement must be earned to be admitted into Texas public university under the Top 10% law. A student may earn a Distinguished Level of Achievement by successfully completing:
- total of four credits in mathematics that must include Algebra II
- a total of four credits in science
- the remaining Foundation High School Program with Endorsement curriculum requirements

During 8th grade, students select an endorsement and create a personal graduation plan. We offer the following endorsement options: Arts & Humanities, Business & Industry, Multidisciplinary, Public Services and STEM. Students may change or add an endorsement at anytime but will require a signature from the parent and student.

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 grade of the equivalent of 3.0 or higher on a scale of 4.0
- Outstanding Performance on an AP Exam - A score of 3 or higher on a College Board Advanced Placement exam
- Bilingualism and Biliteracy - completing all English Language Arts requirements and maintaining 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

- Complete at least 3 credits in foundation subject area courses in a language other than English with an 80 average on a 100 point grading scale

- Demonstrate proficiency in one or more languages other than English through a score of 3 or higher on a College Board Advanced Placement examination for a language other than English

- Outstanding performance on the SAT, ACT, or PSAT - 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

  Earning a total score of at least 1310 on the SAT

  OR

  Earning a composite score on the ACT examination of 28 (excluding the writing subscore)

- Obtaining a Nationally or Internationally recognized business or industry certification or license
## Graduation Plan Requirements

<table>
<thead>
<tr>
<th>SUBJECT AREA</th>
<th>FOUNDATION HIGH SCHOOL PROGRAM PLUS + ENDORSEMENT with the option of DISTINGUISHED LEVEL OF ACHIEVEMENT</th>
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<tbody>
<tr>
<td><strong>ENGLISH</strong> 4 Credits</td>
<td>English I</td>
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<tr>
<td>MATH 4 Credits</td>
<td>Algebra I</td>
</tr>
<tr>
<td>SCIENCE 4 Credits</td>
<td>Biology</td>
</tr>
<tr>
<td>SOCIAL STUDIES 4 Credits</td>
<td>World Geography</td>
</tr>
<tr>
<td>FINE ARTS 1 Credit</td>
<td></td>
</tr>
<tr>
<td>LANGUAGES OTHER THAN ENGLISH 2 Credits in the Same Language</td>
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</tr>
<tr>
<td>PHYSICAL EDUCATION 1 Credit</td>
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</tr>
<tr>
<td>ADDITIONAL COURSES TO EARN ENDORSEMENT 6 Credits</td>
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</tr>
<tr>
<td>TOTAL 26 CREDITS</td>
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</tr>
</tbody>
</table>

* Foundation High School Program (without endorsement) requires administrator and parent approval.

## Endorsement Options

### Arts and Humanities:

The Arts and Humanities endorsement requires in addition to the Foundation Coursework:

1. An additional mathematics credit (4 total)
2. An additional science credit (4 total)
3. **One of the following:**
   a. Five Social Studies courses
   b. Four levels of the same language other than English
   c. Two levels of the same language other than English and two levels of a different language other than English
   d. A coherent sequence of 4 credits in Fine Arts to include Art, Music, Theatre, and Dance
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<th>9th</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
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<tbody>
<tr>
<td><strong>Fine Arts - Art</strong></td>
<td>Art I (1)</td>
<td>Basic Drawing &amp; Design (1)</td>
<td>AP Art 2-D Design (1)</td>
<td>AP Art: Drawing Portfolio (1)</td>
</tr>
<tr>
<td></td>
<td>Basic Painting (1)</td>
<td>Basic Painting (1)</td>
<td>AP Art 3-D Design (1)</td>
<td>Advanced Drawing &amp; Design (1)</td>
</tr>
<tr>
<td></td>
<td>Basic Printmaking (1)</td>
<td>Basic Printmaking (1)</td>
<td>Intermediate Drawing &amp; Design (1)</td>
<td>Advanced Painting (1)</td>
</tr>
<tr>
<td></td>
<td>Basic Ceramics (1)</td>
<td>Basic Sculpture (1)</td>
<td>Intermediate Painting (1)</td>
<td>Advanced Printmaking (1)</td>
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<tr>
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<td>Basic Sculpture (1)</td>
<td>AP Art History (1)</td>
<td>Intermediate Printmaking (1)</td>
<td>Advanced Printmaking (1)</td>
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<td></td>
<td>Intermediate Ceramics (1)</td>
<td>Intermediate Sculpture (1)</td>
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<td><strong>Fine Arts - Dance</strong></td>
<td>Dance I (1)</td>
<td>Dance II (1)</td>
<td>Dance III (1)</td>
<td>Dance IV (1)</td>
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<td>Drill Team II (1)</td>
<td>Drill Team III (1)</td>
<td>Drill Team IV (1)</td>
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<td><strong>Fine Arts - Music</strong></td>
<td>Color Guard I (1)</td>
<td>Color Guard II (1)</td>
<td>Color Guard III (1)</td>
<td>Color Guard IV (1)</td>
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<td>Band I (1))</td>
<td>Band II (1)</td>
<td>Band III (1)</td>
<td>Band IV (1)</td>
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<td>Choir I (1)</td>
<td>Choir II (1)</td>
<td>Choir III (1)</td>
<td>Choir IV (1)</td>
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<tr>
<td></td>
<td>Orchestra I (1)</td>
<td>Orchestra II (1)</td>
<td>Orchestra III (1)</td>
<td>Orchestra IV (1)</td>
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<tr>
<td></td>
<td>Music Theory (1)</td>
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<td>AP Music Theory</td>
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<tr>
<td><strong>Fine Arts - Theatre Arts</strong></td>
<td>Theatre Arts I (1)</td>
<td>Costume Construction II (1)</td>
<td>Costume Construction III (1)</td>
<td>Costume Construction IV (1)</td>
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<tr>
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<td>Technical Theatre I (1)</td>
<td>Theatrical Make-Up II (1)</td>
<td>Theatrical Make-Up III (1)</td>
<td>Theatrical Make-Up IV (1)</td>
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<td></td>
<td>Directing I (1)</td>
<td>Directing II (1)</td>
<td>Directing III (1)</td>
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<td></td>
<td>Technical Theatre II</td>
<td>Technical Theatre III</td>
<td>Technical Theatre IV</td>
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<td>Stagecraft (1)</td>
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<td>Theatre Arts II</td>
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<td></td>
<td>Musical Theatre Arts II</td>
<td>Musical Theatre Arts III</td>
<td>Musical Theatre Arts IV</td>
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<td>Production Acting I (1)</td>
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<td>Production Tech Theatre I (1)</td>
<td>Production Tech Theatre II (1)</td>
<td>Production Tech Theatre III (1)</td>
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<tr>
<td><strong>Languages Other Than English</strong></td>
<td>French I (1)</td>
<td>French II (1)</td>
<td>French III (1)</td>
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<tr>
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<td>Pre-AP French I (1)</td>
<td>Pre-AP French II (1)</td>
<td>Pre-AP French III (1)</td>
<td>AP Spanish IV (1)</td>
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<td>Pre-AP Latin III</td>
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<td>Spanish II (1)</td>
<td>Spanish III (1)</td>
<td>French V (1)</td>
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<td>Pre-AP Spanish II (1)</td>
<td>Pre-AP Spanish III (1)</td>
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<td>American Sign Language III (1)</td>
<td>American Sign Language IV (1)</td>
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Social Studies - 5 credits - Students must earn 5 total credits in Social Studies

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<th>US History (1)</th>
<th>US Government (0.5)</th>
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<td>US Economics (0.5)</td>
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<td>AP US Government (0.5)</td>
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<td>AP Psychology includes</td>
<td>AP Macroeconomics (0.5)</td>
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<td></td>
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<td>Adv Studies (1)</td>
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<td></td>
<td>AP European History (1)</td>
<td>Dual Credit Economics (0.5)</td>
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</tbody>
</table>

Business and Industry Endorsement

The Business and Industry endorsement requires in addition to the Foundation Coursework:

1. An additional mathematics credit
2. An additional science credit
3. **One of the following:**
   a. A coherent sequence of courses totaling 4 or more credits in Career and Technical Education (CTE) that includes at least 2 courses in the same career cluster and at least 1 advanced course.
   
   CTE career clusters include:
   
   i. Agriculture, Food, and Natural Resources
   ii. Arts, AV Technology, and Communications
   iii. Business Management and Administration
   iv. Finance
   v. Hospitality and Tourism
   vi. Marketing
   vii. Transportation and Logistics

   b. Four English elective credits including 3 levels in the following:
   
   i. Debate
   ii. Newspaper
   iii. Yearbook
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<td>Photojournalism II (0.5)</td>
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<td>Principles of Agriculture, Food &amp; Natural Resources (1)</td>
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<td>Principles of Human Services (1)</td>
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<td>Debate II (1) Oral Interpretation II (1) Public Speaking I (1)</td>
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<td>Debate III (1) Oral Interpretation III (1) Public Speaking II (1)</td>
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<td>Debate IV (1) Oral Interpretation IV (1) Public Speaking III (1)</td>
</tr>
</tbody>
</table>
Public Services Endorsement

The Public Services Endorsement requires in addition to the Foundation Coursework:

1. An additional mathematics credit
2. An additional science credit
3. A coherent sequence of courses totaling 4 or more credits in CTE that includes at least 2 courses in the same career cluster and at least 1 advanced course.

CTE career clusters include:
- Education and Training
- Law, Public Safety, Corrections, and Security
- Health Science

Recommended Four Year Plan: Public Services Endorsement

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<th>12th</th>
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<tbody>
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<td><strong>Education and Training</strong></td>
<td><strong>Human Services</strong> (1)</td>
<td><strong>Human Growth and Development</strong> (1)</td>
<td><strong>Ready, Set, Teach I</strong> (Instructional Practices) (2)</td>
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<td><strong>Medical Terminology</strong> (1)</td>
<td><strong>Health Science - CNA</strong> (2)</td>
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<td></td>
<td><strong>Dual Credit Med Term</strong> (0.5)</td>
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<tr>
<td><strong>Law, Public Safety, Corrections, &amp; Security</strong></td>
<td><strong>Principles of Law, Public Safety, Corrections and Security</strong> (1)</td>
<td><strong>Law Enforcement I</strong> (1)</td>
<td><strong>Law Enforcement II</strong> (1)</td>
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<td><strong>Court Systems and Practices</strong> (1)</td>
<td><strong>Forensic Science</strong> (1)</td>
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</table>
Science, Technology, Engineering, and Mathematics (STEM) Endorsement

The STEM endorsement requires in addition to the Foundation coursework:

1. An additional mathematics credit (Algebra II must be included)
2. An additional science credit (Chemistry and Physics required)
3. **One of the following:**
   a. A coherent sequence of courses totaling 4 or more credits in Career and Technical Education (CTE) that includes at least 2 courses in the same career cluster and at least 1 advanced CTE course (the endorsement is determined by the last course in the sequence)
   b. Coherent sequence of four courses in Computer Science
   c. Five credits in Mathematics including Algebra I, Geometry, Algebra II, and 2 other courses which require Algebra II as a prerequisite
   d. Five credits in Science including Biology, Chemistry, Physics, and 2 other advanced Science courses

---

**Recommended Four Year Plan: Science, Technology, Engineering, Mathematics (STEM)**

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<tr>
<td><strong>Engineering</strong></td>
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<tr>
<td>Introduction to</td>
<td>Engineering Design (1)</td>
<td>Engineering Design and Presentation I (1)</td>
<td>Engineering Design and Presentation II (2)</td>
<td>Intro to Engineering (dual credit) (0.5) Practicum in STEM (2)</td>
</tr>
<tr>
<td><strong>Manufacturing Engineering</strong></td>
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<td></td>
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</tr>
<tr>
<td>Introduction to</td>
<td>Engineering Design (1)</td>
<td>Manufacturing Engineering Technology I (1)</td>
<td>Manufacturing Engineering Technology II (1)</td>
<td>Intro to Engineering (Dual Credit) (0.5) Practicum in STEM (2)</td>
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<tr>
<td><strong>Computer Science - In addition to Algebra 2, Chemistry, &amp; Physics</strong></td>
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<tr>
<td>PreAP Computer Science I or Computer Science I</td>
<td>AP Computer Science (1) Computer Science II (1)</td>
<td>Advanced Computer Graphics Programming and Gaming (1) Mobile Application Development (1)</td>
<td>Independent Study of Programming Languages (1)</td>
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</tr>
<tr>
<td><strong>Science - 5 credits including Biology, Chemistry and Physics</strong></td>
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<tr>
<td>Biology/Pre-AP Biology (1)</td>
<td>Chemistry/Pre-AP Chemistry (1) AP Biology (1)</td>
<td>Physics (1) AP Physics I (1) AP Chemistry (1) Anatomy &amp; Physiology (1) Forensic Science (1)</td>
<td>Environment Systems (1) AP Physics C (1) AP Environmental Science (1) Pathophysiology (1)</td>
<td></td>
</tr>
</tbody>
</table>
Math - 5 total math credits (Completion of TWO additional math courses AFTER completion of Algebra 2) - In addition to Chemistry & Physics

| Geometry/Pre-AP Geometry (1) | Algebra II/Pre-AP Algebra II (1) Accelerated Algebra II (1.5) AP Computer Science (1) | Precalculus/Pre-AP Precalculus (1) Accelerated Precalculus (1) Advanced Quantitative Reasoning (1) AP Calculus AB (1) Statistics and Business Decision Making (1) | AP Statistics (1) Dual Credit Statistics (0.5) Dual Credit College Algebra (0.5) AP Calculus BC (1) College Prep Math (1) Discrete Math for Problem Solving (1) Statistics (1) |

**Multidisciplinary Endorsement**

The Multidisciplinary Endorsement requires in addition to the Foundation Coursework:

1. An additional mathematics credit
2. An additional science credit
3. **One of the following:**
   
a. Four advanced courses that prepare a student to enter the workforce successfully 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, languages other than English, or fine arts
Grading and Reporting

Semesters and Nine Weeks
Prosper ISD divides the grading periods into two semesters. Each semester is divided into two nine-week grading periods, with a total of four nine-week grading periods for the year. To receive credit for a course, students must earn a grade of 70 for both semesters or one semester must be sufficiently high enough to equal 70 when averaged with the other semester. A student who fails both semesters of a course must repeat at least one semester during the regular or summer term and the average of the two semesters must equal 70.

Attendance Rule
To receive credit or a final grade in a class, a student in kindergarten through grade 12 must attend at least 90 percent of the days the class is offered. A student who attends at least 75 percent but less than 90 percent of the days the class is offered may receive credit or a final grade for the class if he or she completes a plan, approved by the principal, that allows the student to fulfill the instructional requirements for the class. If a student is involved in a criminal or juvenile court proceeding, the approval of the judge presiding over the case will also be required before the student receives credit or a final grade for the class. If a student attends less than 75 percent of the days a class is offered or has not completed the plan approved by the principal, the student may request an award of credit by submitting a written petition to the appropriate attendance committee. For additional information, contact the campus administrator. [See policy FEC.]

Skyward Family Access
Skyward Family Access is a web-based information and communication center designed to provide parents 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

Progress Reports and Report Cards
Progress reports are posted to Skyward on the third and sixth week of the nine-week grading period. Report cards are posted to Skyward at the end of the nine weeks grading period. Parents may request a paper copy of progress reports and report cards.

Exclusions
The following courses are excluded from calculation of the GPA: concurrent enrollment, courses taken during the summer, credit by exam, correspondence courses, credit recovery, local credit, online courses, and pass/fail courses.
Transfer Grades
For students coming in with letter grades on their transcript the following grading translation will be used:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>98</td>
</tr>
<tr>
<td>A</td>
<td>95</td>
</tr>
<tr>
<td>A-</td>
<td>93</td>
</tr>
<tr>
<td>B+</td>
<td>88</td>
</tr>
<tr>
<td>B</td>
<td>85</td>
</tr>
<tr>
<td>B-</td>
<td>83</td>
</tr>
<tr>
<td>C+</td>
<td>78</td>
</tr>
<tr>
<td>C</td>
<td>75</td>
</tr>
<tr>
<td>C-</td>
<td>73</td>
</tr>
<tr>
<td>D (if transferring district awarded credit)</td>
<td>70</td>
</tr>
<tr>
<td>D (if transferring district did not award credit)</td>
<td>69</td>
</tr>
<tr>
<td>F</td>
<td>65</td>
</tr>
</tbody>
</table>

Grade Classification and Class Rank
Freshmen, sophomores, and juniors are classified and ranked at the end of each school year. Their grade classification remains the same throughout the school year. Seniors are classified and ranked at the end of each semester. Seniors are also ranked after the third nine weeks to determine graduation honors. The seniors’ official grade point average is available at the end of the fourth nine weeks.

<table>
<thead>
<tr>
<th>Grade Placement</th>
<th>Minimum Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sophomore</td>
<td>6 credits</td>
</tr>
<tr>
<td>Junior</td>
<td>12 credits</td>
</tr>
<tr>
<td>Senior</td>
<td>18 credits</td>
</tr>
</tbody>
</table>
**Valedictorian, Salutatorian, and Honor Students**

The Valedictorian and Salutatorian shall be the eligible students with the highest and second highest GPA at the end of the third nine weeks of their senior year. The Valedictorian and Salutatorian must have completed the Foundation Distinguished Level of Achievement with endorsement graduation plan. To be eligible for either of these honors, a student must have been continuously enrolled in PISD for two years prior to graduation. In case of a tie for Valedictorian, and/or Salutatorian and/or any other honors position, the tie will be broken according to the following criteria: the student with the most Advanced Placement (AP) credits will be considered first. If a tie remains, the student with the highest numerical grade average in all AP courses will be the higher ranked student. Students who are recognized as Honor Graduates comprise the top 10 percent of the graduating class as determined by the ranking of student GPAs on the weighted scale. To be eligible for the top 10 percent, students must complete the Distinguished Level of Achievement with endorsement graduation plan.

**Dual Credit Grading**

Dual credit grades are reported to PHS 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:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Numeric Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>95</td>
</tr>
<tr>
<td>B</td>
<td>85</td>
</tr>
<tr>
<td>C</td>
<td>75</td>
</tr>
<tr>
<td>D</td>
<td>70</td>
</tr>
</tbody>
</table>

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.*
Extracurricular Participation

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 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 in effect, 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 Texas Education Agency defined as exempt from “no pass, no play” guidelines, minimum grade of 50 are:

**English Language Arts**
PreAP English I, PreAP English II, GT American Studies, GT Humanities, AP English Language, AP English Literature, Dual Credit ENGL 1301 and 1302 (English Composition/Rhetoric), ENGL 2342 and 2343 (Intro to 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

**Languages Other Than English**
PreAP Latin, PreAP Spanish, PreAP French, AP Spanish Language, AP Spanish Literature, AP French Language, PreAP Computer Science, PreAP Computer Science 2

**Mathematics**
Precalculus, PreAP Precalculus, PreAP Algebra I, PreAP Geometry, PreAP Algebra II, AP Calculus AB, AP Calculus BC, AP Statistics, Dual Credit MATH 1314 (College Algebra), MATH 1342 (Elementary Statistical Methods)

**Science**
Anatomy & Physiology, PreAP Biology, PreAP Chemistry, AP Biology, AP Chemistry, AP Physics 1, AP Physics C, AP Environmental Science and Dual Credit GEOL 1401 (Earth Science) and Dual Credit PHYS 1403 (Space Science)

**Social Studies**

**Other**
AP Computer Science A, AP Computer Science Principles, AP Seminar, AP Research
# Weighted Courses and Grade Point Average

The following conversion chart will be used in the calculation of grade point averages for the class of 2018 and beyond. This scale is used to weight the grades obtained in courses of varying levels of difficulty (AP, Dual Credit, Pre-AP, and Academic). The course level is listed on the course description. Grade points shall be awarded according to the following scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Level I (Regular Course)</th>
<th>Level II (Pre AP Courses)</th>
<th>Level III (AP/Dual Credit Courses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>5</td>
<td>5.5</td>
<td>6</td>
</tr>
<tr>
<td>99</td>
<td>4.9</td>
<td>5.4</td>
<td>5.9</td>
</tr>
<tr>
<td>98</td>
<td>4.8</td>
<td>5.3</td>
<td>5.8</td>
</tr>
<tr>
<td>97</td>
<td>4.7</td>
<td>5.2</td>
<td>5.7</td>
</tr>
<tr>
<td>96</td>
<td>4.6</td>
<td>5.1</td>
<td>5.6</td>
</tr>
<tr>
<td>95</td>
<td>4.5</td>
<td>5</td>
<td>5.5</td>
</tr>
<tr>
<td>94</td>
<td>4.4</td>
<td>4.9</td>
<td>5.4</td>
</tr>
<tr>
<td>93</td>
<td>4.3</td>
<td>4.8</td>
<td>5.3</td>
</tr>
<tr>
<td>92</td>
<td>4.2</td>
<td>4.7</td>
<td>5.2</td>
</tr>
<tr>
<td>91</td>
<td>4.1</td>
<td>4.6</td>
<td>5.1</td>
</tr>
<tr>
<td>90</td>
<td>4</td>
<td>4.5</td>
<td>5</td>
</tr>
<tr>
<td>89</td>
<td>3.9</td>
<td>4.4</td>
<td>4.9</td>
</tr>
<tr>
<td>88</td>
<td>3.8</td>
<td>4.3</td>
<td>4.8</td>
</tr>
<tr>
<td>87</td>
<td>3.7</td>
<td>4.2</td>
<td>4.7</td>
</tr>
<tr>
<td>86</td>
<td>3.6</td>
<td>4.1</td>
<td>4.6</td>
</tr>
<tr>
<td>85</td>
<td>3.5</td>
<td>4</td>
<td>4.5</td>
</tr>
<tr>
<td>84</td>
<td>3.4</td>
<td>3.9</td>
<td>4.4</td>
</tr>
<tr>
<td>83</td>
<td>3.3</td>
<td>3.8</td>
<td>4.3</td>
</tr>
<tr>
<td>82</td>
<td>3.2</td>
<td>3.7</td>
<td>4.2</td>
</tr>
<tr>
<td>81</td>
<td>3.1</td>
<td>3.6</td>
<td>4.1</td>
</tr>
<tr>
<td>80</td>
<td>3</td>
<td>3.5</td>
<td>4</td>
</tr>
<tr>
<td>79</td>
<td>2.9</td>
<td>3.4</td>
<td>3.9</td>
</tr>
<tr>
<td>78</td>
<td>2.8</td>
<td>3.3</td>
<td>3.8</td>
</tr>
<tr>
<td>77</td>
<td>2.7</td>
<td>3.2</td>
<td>3.7</td>
</tr>
<tr>
<td>76</td>
<td>2.6</td>
<td>3.1</td>
<td>3.6</td>
</tr>
<tr>
<td>75</td>
<td>2.5</td>
<td>3</td>
<td>3.5</td>
</tr>
<tr>
<td>74</td>
<td>2.4</td>
<td>2.9</td>
<td>3.4</td>
</tr>
<tr>
<td>73</td>
<td>2.3</td>
<td>2.8</td>
<td>3.3</td>
</tr>
<tr>
<td>72</td>
<td>2.2</td>
<td>2.7</td>
<td>3.2</td>
</tr>
<tr>
<td>71</td>
<td>2.1</td>
<td>2.6</td>
<td>3.1</td>
</tr>
<tr>
<td>70</td>
<td>2</td>
<td>2.5</td>
<td>3</td>
</tr>
<tr>
<td>69 and below</td>
<td>No Grade Points Awarded</td>
<td>No Grade Points Awarded</td>
<td>No Grade Points Awarded</td>
</tr>
</tbody>
</table>
Ways to Earn College Credit in High School

1. **Enroll in Advanced Placement Courses & Pass the AP Exam**
   Students can earn college credit by taking Advanced Placement (AP) courses and subsequently taking and passing AP exams. Students should check with individual colleges to determine how much and what type of credit the receiving college awards, as this varies from college to college. Exam fees for AP tests will be the responsibility of the student.

   - **Prosper ISD offers the following Advanced Placement courses:**
     - Human Geography
     - World History
     - US History
     - Government & Politics
     - Macroeconomics
     - European History
     - Biology
     - Chemistry
     - Physics 1
     - Physics C
     - Environmental Science
     - Computer Science A
     - Computer Science Principles
     - Calculus AB
     - Calculus BC
     - Statistics
     - Psychology
     - Spanish Language
     - Spanish Literature
     - French Language
     - English Language & Composition
     - English Literature & Composition
     - Art 2-D Art and Design
     - Art 3-D Art and Design
     - Drawing
     - Art History
     - Music Theory
     - Seminar
     - Research

2. **Enroll in Dual Credit Courses**
   Beginning in the summer after the student's sophomore year, qualified high school students may enroll in accredited Dual Credit courses. Students enrolled in Dual Credit courses receive both high school credit and college credit simultaneously. Grades earned in Dual Credit courses taken 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.
To be eligible to enroll in Dual Credit courses, students must meet college admission requirements. Additionally, students must complete the application and registration process, including taking the TSI, and provide a copy of the college transcript or grade report at the end of the semester. Dual Credit courses taken during summer school or on-line will not be calculated into the student’s high school GPA but will appear on the high school and college transcript.

Students will be responsible for paying all tuition, books, and fees associated with Collin College and LeTourneau University Dual Credit courses.

**List of Dual Credit Courses**

<table>
<thead>
<tr>
<th>Collin College - Prosper HS Dual Credit</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prosper HS Course</strong></td>
<td><strong>Prosper HS Course Credit</strong></td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>English III A or IV A</td>
<td>0.5 Credit</td>
</tr>
<tr>
<td>English IIIB or IV B</td>
<td>0.5 Credit</td>
</tr>
</tbody>
</table>
| English IV A                           | 0.5 Credit                    | ENGL 2342 - Introduction to Literature  
(Prerequisite - ENGL 1301/1302) | 3 Hours                          |
| English IV B                           | 0.5 Credit                    | ENGL 2343 - Introduction to Literature 2  
(Prerequisite - requires ENGL 1301/1302) | 3 Hours                          |
<p>| Government                             | 0.5 Credit                    | GOVT 2305                | 3 Hours                          |
| Economics                              | 0.5 Credit                    | ECON 2301                | 3 Hours                          |
| Fourth Year of HS Math                 | 0.5 Credit                    | MATH 1314 - College Algebra | 3 Hours                          |
| Fourth Year of HS Math                 | 0.5 Credit                    | MATH 1342 - Statistics    | 3 Hours                          |
| US History A                           | 0.5 Credit                    | HIST 1301                | 3 Hours                          |
| US History B                           | 0.5 Credit                    | HIST 1302                | 3 Hours                          |
| Communication Applications             | 0.5 Credit                    | SPCH 1311 - Intro to Speech | 3 Hours                          |
| Intro to Engineering                   | 0.5 Credit                    | ENGR 1201                | 2 Hours                          |
| IT Essentials                          | 0.5 Credit                    | EECT 1407                | 4 Technical College Hours        |
| Medical Terminology                    | 0.5 Credit                    | HITT 1305 - Medical Terminology I | 3 Technical Hours |
| Health Science - Certified Nurse Aide   | 1 Credit                      | NURA 1301 - Including lab/NURA 1160 | 4 Technical Hours |
| Practicum in Health Science - Patient Care Tech - Phlebotomy | 1 Credit | PLAB 1323/PLAB 1160 | 4 Technical Hours |</p>
<table>
<thead>
<tr>
<th>Practicum in Health Science Patient Care Tech - EKG</th>
<th>1 Credit</th>
<th>ECRD 1111/DSAE 1340 - EKG course and lab</th>
<th>4 Technical Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional Communications</td>
<td></td>
<td>SPCH 1321 - Business and Professional Communications</td>
<td>3 Hours</td>
</tr>
<tr>
<td>Intro to CAD</td>
<td>0.5 Credit</td>
<td>DFTG 1309</td>
<td>3 Technical College Hours</td>
</tr>
<tr>
<td>Security +</td>
<td>0.5 Credit</td>
<td>ISTY 1300</td>
<td>4 Technical College Hours</td>
</tr>
<tr>
<td>Pathophysiology</td>
<td>0.5 Credit</td>
<td>HPRS 2301 - Pathophysiology</td>
<td>3 Technical Hours</td>
</tr>
<tr>
<td><strong>Yearlong Dual Credit</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency Medical Technician (Prerequisite - requires approval)</td>
<td>2 Credits</td>
<td>EMSP 1160, EMSP 1371, EMSP 1501 - EMT</td>
<td>9 Technical College Hours</td>
</tr>
<tr>
<td><strong>Prosper HS Course</strong></td>
<td><strong>Prosper HS Course Credit</strong></td>
<td><strong>College Course Title</strong></td>
<td><strong>LeTourneau Course Credit</strong></td>
</tr>
<tr>
<td>Aviation Systems</td>
<td>0.5 Credit</td>
<td>AVTC 1003 - Foundation Concepts of Aviation</td>
<td>3 Hours</td>
</tr>
<tr>
<td>Practicum 1- Private Ground School</td>
<td>0.5 Credit</td>
<td>AERF 1113 - Flight Science I</td>
<td>3 Hours</td>
</tr>
<tr>
<td>Aircraft for pilots</td>
<td>0.5 Credit</td>
<td>AVTC 2003 - Aircraft systems for Pilots</td>
<td>3 Hours</td>
</tr>
<tr>
<td>Engine Tech for Pilots</td>
<td>0.5 Credit</td>
<td>AVTC 2013 - Powerplant Systems for Pilots</td>
<td>3 Hours</td>
</tr>
<tr>
<td>Transportation Distribution and Logistics II</td>
<td>0.5 Credit</td>
<td>AERF 1132 - Primary Flight 1</td>
<td>4 hours</td>
</tr>
</tbody>
</table>

3. **Enroll in Concurrent Enrollment**

Beginning in the summer after the student’s sophomore year, qualified high school students may be concurrently enrolled. In concurrent enrollment, students enroll in college courses for which they receive only college credit. Grades earned in concurrent enrollment courses are not reported to the high school since no high school credit is awarded. To be eligible to enroll in concurrent enrollment courses, students must meet the college entrance requirements. Additionally, students must follow the application and registration process and pay for courses and books. Students may take concurrent enrollment courses during the school day, in accordance with PISD attendance policies, at night, in the summer, or on weekends.
Ways to Recover Credit for Courses

1. **Correspondence Courses**
   Prosper ISD allows students who have failed courses to retake them as correspondence courses for credit. Prior to enrollment in correspondence courses, students must secure approval from the school counselor. Grades earned in correspondence courses are not calculated into the student’s GPA, but credit is awarded and the grade will appear on the student’s transcript. Students may only enroll in one correspondence course at a time. Seniors who are enrolled in correspondence courses to earn credit required for graduation must complete the correspondence course at least 30 days prior to graduation and submit the grade for recording. The cost of enrolling in correspondence courses is the responsibility of the student. Contact the school counselor for more information. Helpful links for approved correspondence courses:
   - [http://www.depts.ttu.edu/k12/programs/supplemental/](http://www.depts.ttu.edu/k12/programs/supplemental/)
   - [https://highschool.utexas.edu/](https://highschool.utexas.edu/)
   - [https://www.txvsn.org/](https://www.txvsn.org/)

2. **Summer School**
   Students who fail courses may retake them in summer school. Students may attend summer school at any Texas school district. 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. The cost of enrolling in summer school is the responsibility of the student. Prosper ISD’s summer school information is available from the counselor’s office in late spring.

3. **Credit by Examination**
   A student who has received prior instruction in a course, but failed the course, may be permitted to earn credit for the course by passing a Credit by Exam (CBE). The CBE assesses the essential knowledge and skills defined for the course. To receive credit, a student must score at least 70 on the CBE. The attendance review committee may allow a student with excessive absences to receive credit for a course in which credit was previously denied by passing a CBE. Grades earned on the CBE are not calculated into the student’s GPA, but credit is awarded and the grade will appear on the student's transcript. The cost of taking a CBE is the responsibility of the student. CBE information is available from the counselor’s office, and study guides are available online.
Ways to Accelerate High School Credit

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

1. **Enroll in Approved Summer School Courses for Credit**
   Students wishing to take summer classes through online programs or at alternate campuses must first get approval from the counselor. Courses may not be taken during the summer for any EOC course. Students must register for summer school, pay the required fees, and successfully complete the course to earn credit. Students earn high school credit for summer school approved courses, but these grades are not calculated in the student's GPA.

2. **Credit by Examination**
   Prosper awards credit for students in grades 9-12 for an academic subject in which the student has received no prior instruction if the student scores 80 percent or above on a CBE. The course and the CBE score will be entered on the student’s transcript, but are not calculated into the student’s GPA. A student may not attempt to earn credit by examination for a specific high school course more than two times. CBE information is available from the counseling office or on the district website.

3. **Credit by Examination for Languages Other Than English**
   Prosper offers CBEs for students who speak languages other than English through Avant. These examinations are administered on set days. Contact the counseling office for more information.

4. **Correspondence Courses**
   Prosper allows students to take certain courses through correspondence for acceleration with prior administrator or counselor approval. Grades earned in correspondence courses are not calculated into the student’s GPA, but credit is awarded and the grade will appear on the student’s transcript. Seniors who are enrolled in correspondence courses to earn credit required for graduation must complete the course at least 30 days prior to graduation and submit the grade for recording. Credit may be obtained through various approved programs. The cost of enrolling in correspondence courses is the responsibility of the student.
   Helpful links for approved correspondence courses:
   - [http://www.depts.ttu.edu/k12/programs/supplemental/](http://www.depts.ttu.edu/k12/programs/supplemental/)
   - [https://highschool.utexas.edu/](https://highschool.utexas.edu/)
   - [https://www.txvsn.org/](https://www.txvsn.org/)
College Planning

College Entrance Exams

Students entering a Texas public college or university may need to take the Texas Success Initiative Assessment (TSI) and/or complete other testing requirements before enrolling in any college-level coursework. Students may be exempt from taking these college readiness exams if they meet the college’s entrance standards. Students should contact either the testing office or the advising office at the Texas college or university they plan to attend to determine the requirements.

Prosper ISD recommends students take the SAT® and/or ACT® before the spring of their junior year of high school. Students needing accommodations for the ACT® or SAT® should visit the respective websites and apply at least 6 months prior to the test. Contact the counseling office for more information about tests and/or applying for testing accommodations.

ACT

The ACT® is a curriculum-based achievement test measuring what a student has learned in school. The ACT® is not an aptitude or an IQ test. Instead, the questions on the ACT® are directly related to what students have learned in high school English, mathematics, reading, and science courses. ACT® provides college and career readiness indicators designed to show student achievement and preparedness in areas important to success after high school.

SAT and PSAT

The SAT®, published by the College Board, measures critical thinking skills that are needed for academic success in college. The SAT® assesses how well test takers analyze and solve problems—skills they learned in school that they will need in college. The SAT® is typically taken in the junior and senior year of high school. The SAT®, in combination with high school grade point average (GPA) and the rigor of high school courses, provides a better indicator of success in college than high school grades alone.

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 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. Prosper ISD recommends juniors take the PSAT to enter the competition for scholarships from the National Merit Scholarship Corporation.
Texas’ Top Ten Percent Rule

Students who are in the top 10 percent of their graduating class are eligible for automatic admission to most public universities in Texas. To be eligible for automatic admission, a student must graduate in the top 10 percent of his or her class at a public or private high school in Texas and enroll in college no more than two years after graduating from high school. However, SB175, passed by the State Legislature in 2009, allows University of Texas at Austin to limit automatic admissions to 75 percent of the university’s enrollment capacity. Students must submit an application to a Texas public university for admission before the institution’s application deadline. Students admitted through this route may still be required to provide SAT® or ACT® scores, although these scores are not used for admissions purposes. Students must also take the TSI, unless exempted from the test requirement. Students should check with the admissions office regarding TSI, SAT®, and ACT® requirements. After a student is admitted, the university may review the student’s high school records to determine if the student is prepared for college-level work. A student who needs additional preparation may be required to take a developmental, enrichment, or orientation course during the semester prior to the first semester of college. Admission to a university does not guarantee acceptance into a particular college of study or department.

Prospective College Athletes

High school students who intend to participate in Division I or Division II athletics in college must register with the National Collegiate Athletic Association (NCAA) after completion of the student’s junior year of high school. The NCAA Eligibility Center certifies the academic and amateur credentials of all college-bound athletes who wish to compete in college. Ultimately, the individual student athlete is responsible for achieving and protecting his or her eligibility status. To access the NCAA resource page, student athletes may visit the website at www.eligibilitycenter.org.

PHS GO Center

The GO Center is a college and career information center located in the Counseling Office. The center focuses on creating a school-wide college-going culture and promotes college awareness and accessibility. The G-Force student organization at the University of North Texas is the higher education partner and will be at the GO Center on a regular schedule. The G-Force provides one-on-one support to all students who visit the GO Center to help navigate the complex processes associated with college admissions. Students can visit the Counseling Office to schedule an appointment.

Xello

All Prosper secondary students have free access to Xello. Xello is a web-based service designed especially for students and their families. It is a comprehensive website that parents and students can use to help in making decisions about courses, colleges, and careers. Xello allows students and families to investigate, research, track, and plan for the college admission process.
Course Selection Information

Begin with the End in Mind
To assist students and parents in making important decisions about the student’s high school sequence of courses, PISD has provided a Personal Graduation Plan worksheet in the back of this Course Catalog. Students will complete a four-year plan and select their endorsement in Skyward. 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.

Course Selection
Parent and student informational meetings will be held during spring registration. 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.

Pre-Advanced Placement and Advanced Placement Courses
Students are encouraged to take rigorous courses which will challenge them academically. To help guide students in making appropriate level choices, students should seek current teachers’ recommendations and guidelines. Prosper ISD maintains an open enrollment policy for all students for PAP/AP courses, but encourages personal evaluation of course requirements and students’ time commitments before enrollment.

Course Change Request Deadline
The last day of the 2018-2019 school year is the last day to make course request changes.

Schedule Changes

● Changes Before 2019-2020 School Year Begins:
Student schedules will not be changed to accommodate different teachers or lunch periods. Once a class schedule is created, the student is expected to follow the schedule.

● Changes after the 2019-2020 School Year Begins
During the first week of school, schedule changes will be made for the following reasons:
  ○ student is in a class for which he/she has already received credit
  ○ student was placed in a course when the original course did not make
  ○ student needs 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 a Pre AP or AP course at the end of the sixth week of school for a first semester course and at the end of the first semester. Grades from the dropped class will be transferred to the new class. Students and parents must discuss a plan for success with their teacher by the due date. 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.), leveling down is not an option. Students will be required to stay until the end of the semester.

**Leveling Up**

Students may level up to a Pre AP or AP course through the end of the first three week period with teacher recommendation. The student may be required to complete additional work.

**Elective Changes**

Elective changes may not be requested during the school year. Students may request program changes i.e: 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).
Course Descriptions

English

Prosper ISD Advanced English Track

Pre-AP English 1 → Pre-AP English 2 → AP Language and Composition → AP Literature

Dual Credit English 1301/1302 → Dual Credit English 2342/2343

Humanities GT → Humanities II GT → American Studies GT

Prosper ISD English Track

English 1 → English 2 → English 3 → English 4

Dual Credit English 1301/1302 → Dual Credit English 2342/2343

Dual Credit English 1301/1302
English Language Arts: Core Courses

English I  EN100A/B
Grade 9, 1 credit, Level 1
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

Pre-AP English I  EN110A/B
Grade 9, 1 credit, Level 2
In this pre-advanced placement 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/English I GT  GTHU1A/B
(Pre-AP English I)
Grade 9 GT only, 1 credit, Level 2
Humanities I/English I GT and Humanities II/World History AP GT are courses that provide identified gifted students with opportunities not available through on-level or advanced classes. The courses combine Pre-AP English I with AP World History in a two-year interdisciplinary spiral. The basic 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; Humanities II examines the Renaissance to modern times. 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. Ninth and tenth graders will earn Pre-AP English I credit while tenth graders earn AP World History credit. At the conclusion of Humanities II, students can sit for the AP World History to possibly earn college credit.
Humanities does not fulfill the fine arts requirement for graduation.
Prerequisite: PISD GT Identification

Humanities II/ World History AP GT  GTHU2A/B
(AP World History)
Grade 10 GT only, 1 credit, Level 3
Humanities I/English I GT and Humanities II/World History AP GT are courses that provide identified gifted students with opportunities not available through on-level or advanced classes. The courses combine Pre-AP English I with AP World History in a two-year interdisciplinary spiral. The basic 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; Humanities II examines the Renaissance to modern times. 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. Ninth and tenth graders will earn Pre-AP English I credit while
tenth graders earn AP World History credit. At the conclusion of Humanities II, students can sit for the AP World History to possibly earn college credit. Humanities does not fulfill the fine arts requirement for graduation. Prerequisite: Humanities I and PISD GT Identification

**English I ESOL**

Grade 9, 1 credit, Level 1

English Learners (ELs) acquire English, learn content in English, and simultaneously learn to read in English. Reading instruction is comprehensive, and students receive instruction in phonemic awareness, phonics, decoding, and word attack skills while being taught academic vocabulary and reading comprehension skills and strategies. Students will also develop fluency, spelling, and grammatical conventions. Prerequisite: None

**English II**

Grade 10, 1 credit, Level 1

This course builds on skills from freshmen 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. Prerequisite: None

**Pre-AP English II**

Grade 10, 1 credit, Level 2

In this pre-advanced placement 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. Prerequisite: None

**English II ESOL**

Grade 10, 1 credit, Level 1

English Learners (ELs) continue to acquire English, learn content in English, and simultaneously learn to read in English. Reading instruction is comprehensive, and students receive instruction in phonemic awareness, phonics, decoding, and word attack skills while being taught academic vocabulary and reading comprehension skills and strategies. Students will also develop fluency, spelling, and grammatical conventions. Prerequisite: None

**English III**

Grade 11, 1 credit, Level 1

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: None

**AP English III**

Grade 11, 1 credit, Level 3
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. This course includes ACT/SAT preparation. Students who take this course should take the AP Language and Composition Exam in May.
Prerequisite: None

**GT American Studies**

Grade 11, 2 credits, Level 3
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**

Grade 12, 1 credit, Level 1
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: None

**AP English IV**

Grade 12, 1 credit, Level 3
Advanced Placement Literature and Composition 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. Students should take the AP Literature and Composition Exam in May.
Prerequisite: None
Dual Credit English IIIA or IVA  
\[ \text{EN3210 (Eng III)} \]  
\[ \text{EN431A (Eng IV)} \]  
\textbf{(Composition I ENG 1301)}  
\text{Grade 11-12, 0.5 credit, Level 3, 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 with an emphasis on expository writing, development of paragraphs and the whole composition, extensive theme writing, individual conferences and a departmental final exam. The second course continues with the development of critical thinking skills in argumentation, analysis and interpretation of various types of literature, extensive reading and writing, MLA documentation, study of research methods and materials, and preparation of a research paper. Students are expected to write extensively, both in and out of class.  
Prerequisite: College acceptance and registration required  
Corequisites: If you take this course, you must also take EN3220/EN431B - (ENG 1302)  

Dual Credit English IIIB or IVB  
\[ \text{EN3220 (Eng III)} \]  
\[ \text{EN431B (Eng IV)} \]  
\textbf{(Composition II ENG 1302)}  
\text{Grade 11-12, 0.5 credit, Level 3, 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 with an emphasis on expository writing, development of paragraphs and the whole composition, extensive theme writing, individual conferences and a departmental final exam. The second course continues with the development of critical thinking skills in argumentation, analysis and interpretation of various types of literature, extensive reading and writing, MLA documentation, study of research methods and materials, and preparation of a research paper. Students are expected to write extensively, both in and out of class.  
Prerequisite: College acceptance and registration required  
Corequisites: If you take this course, you must also take EN210/EN431A -(ENG 1301)  

Dual Credit English IVA  
\[ \text{EN430A} \]  
\textbf{(ENGL 2342 Introduction to Literature I - Short Story and Novel)}  
\text{Grade 12, 0.5 credit, Level 3, 3 College Hours}  
This course includes a study of short stories, novels, and nonfiction. It also includes analysis and evaluation of major writers, their techniques, and their contributions to our literary heritage.  
Prerequisite: ENGLISH 1302, college acceptance and registration required  

Dual Credit English IVB  
\[ \text{EN430B} \]  
\textbf{(ENGL 2343 Introduction to Literature II- Poetry and Drama)}  
\text{Grade 11-12, 0.5 credit, Level 3, 3 College Hours}  
3 college hours. This course includes a study of poetry, drama, and mythology. It also includes analysis of classical literary heritage, origins of drama, development of contemporary drama and film, and elements and types of poetry.  
Prerequisite: ENGL 2342, college acceptance and registration required  
Corequisites: If you take this course, you must also take EN2342.
**College Prep English**

Grade 12, 1 credit, Level 1

This course has been developed in conjunction with Collin College to prepare students for college level English. Successful completion of this course waives the requirement to take the TSI placement test (entrance exam) at Collin College. This class can count as English IV under the Foundation Plan or Distinguished Level of Achievement Plan.

Prerequisite: None

**Creative Writing**

Grade 11-12, 1 credit, Level 1

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 each semester to showcase their learning in addition to submitting works to various contests and magazines.

Prerequisite: None
English Language Arts: Electives

General

**AP Seminar**  
Grade 10-11, 1 credit, Level 3  
AP Seminar is the first required course for AP Capstone. The Capstone program is an innovative college-level program. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP exams of their choosing receive the AP Capstone Diploma.

AP Seminar is a foundational course that engages students in cross-curricular conversations where they can explore the complexities of academic real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts, and experiencing artistic works and performances. They synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as a team. Students will be assessed through two course performance tasks and one end-of-course exam. All three assessments are summative and used to calculate the AP score (using the 1-5 scale) for AP Seminar.

Prerequisite: None

**AP Research**  
Grade 11-12, 1 credit, Level 3  
AP Research is the second required course for AP Capstone. The Capstone program is an innovative college-level program. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP exams of their choosing receive the AP Capstone Diploma.

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

Prerequisite: AP Seminar
**Reading**

Reading I

Reading II

Reading III

Grade 9-12, 1 credit, Level 1

Reading offers students instruction in word recognition, comprehension strategies, and vocabulary to ensure that students have the opportunity to read with competence, confidence, and understanding. Students will locate information in varied sources, read critically, evaluate sources, and draw conclusions. Students learn how various texts are organized and how authors choose language for effect.

Prerequisite: None

**Debate and Public Speaking**

Debate I

Grade 9-12, 1 credit, Level 2

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 (number required will be established by the Director of Forensics). Advanced research and writing are part of the course which will greatly benefit students in high school, college, and beyond.

Prerequisite: None

Oral Interpretation I

Grade 9-12, 1 credit, Level 2

This class is an intensive study and participation in the art of interpretation of literature for entertainment. 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. This class is self-paced and requires self-discipline. Students work with advanced research, literature interpretation, and weaving literature to tell a story; consequently, this course will greatly benefit students in college and beyond.

Prerequisite: None

Debate II

Grade 10-12, 1 credit, Level 2

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
Oral Interpretation II
Grade 10-12, 1 credit, Level 2
This class is an intensive study and participation in the art of interpretation of literature for entertainment. 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. This class is self-paced and requires self-discipline. Students work with advanced research, literature interpretation, and weaving literature to tell a story; consequently, this course will greatly benefit students in college and beyond.
Prerequisite: Oral Interpretation I

Debate III
Grade 11-12, 1 credit, Level 2
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

Oral Interpretation III
Grade 11-12, 1 credit, Level 2
This class is an intensive study and participation in the art of interpretation of literature for entertainment. 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. This class is self-paced and requires self-discipline. Students work with advanced research, literature interpretation, and weaving literature to tell a story; consequently, this course will greatly benefit students in college and beyond.
Prerequisite: Oral Interpretation II

Debate IV
Grade 11-12, 1 credit, Level 2
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

Oral Interpretation IV
Grade 11-12, 1 credit, Level 2
This class is an intensive study and participation in the art of interpretation of literature for entertainment. 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 (number required will be established by Director of Forensics) throughout the year.
This class is self-paced and requires self-discipline. Students work with advanced research, literature interpretation, and weaving literature to tell a story; consequently, this course will greatly benefit students in college and beyond.
Prerequisite: Oral Interpretation III

**Public Speaking I**

Grade 10-12, 1 credit, Level 2

Based on the foundations learned in Debate 1, this class is an intensive study and participation in the art of extemporaneous speaking, original oratory, informative speaking, congressional debate, and/or mock trial. 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 I

**Public Speaking II**

Grade 11-12, 1 credit, Level 2

This class is an intensive study and participation in the art of extemporaneous speaking, original oratory, informative speaking, congressional debate, and/or mock trial. 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: Public Speaking I

**Public Speaking III**

Grade 11-12, 1 credit, Level 2

This class is an intensive study and participation in the art of extemporaneous speaking, original oratory, informative speaking, congressional debate, and/or mock trial. 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: Public Speaking II

**Dual Credit Introduction to Speech Communication (SPCH 1311)**

Grade 11-12, .5 credit, Level 3, 3 College Hours

This course introduces basic human communication principles and theories embedded in a variety of contexts including interpersonal, small group, and public speaking.
Prerequisite: College Acceptance
Journalism

Journalism I 
JRNLSA/B
Grade 9-12, 1 credit, Level 1
Students enrolled in Journalism write in a variety of forms for a multitude of audiences and purposes. High school students enrolled in this course are expected to plan, draft, and complete written compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students will become analytical consumers of media and technology to enhance their communication skills. Students enrolled in Journalism will learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing.
Prerequisite: None

Photojournalism
PHOTJO
Grade 9-12, 0.5 credit, Level 1
Students will learn camera operation, including how to capture intriguing photographs using the rules of composition and story-telling techniques. Students will be given assignments to provide photography for the yearbook and newspaper. Students will be expected to photograph a variety of subjects that will require some out-of-school time including photographing athletic events, practices, club activities, and student life. Students will learn how to use Adobe PhotoShop to work with digital images. Some camera equipment will be provided.
Prerequisite: None

Photojournalism 2
PHOTJ2
Grade 9-12, 0.5 credit, Level 1
Photojournalism 2 students will further their experience in composition and artistic applications. Students will use digital SLR cameras and photo-editing software to enhance photos for both quality and color. Students will develop a portfolio of work that is completed through a self-guided pursuit of interests. This class prepares to become photographers for the newspaper/news magazine and yearbook staffs.
Prerequisite: Photojournalism

Yearbook

Advanced Journalism I 
YB100A/B
Advanced Journalism II 
YB200A/B
Advanced Journalism III 
YB300A/B
Grade 9-12, 1 credit, Level 1
Students will learn basic and advanced journalistic concepts including brainstorming, interviewing, writing, editing, design, and photography as they produce issues of the PHS yearbook, The Eagle. Students will be responsible for creating a story budget, making deadlines, and marketing and selling advertising to support the book's publication. Some out-of-school time will be required to create the publication, and students will be highly encouraged to attend a summer journalism workshop.
Prerequisite: Application
**Online Newspaper**

**Advanced Journalism I**
NP100A/B

**Advanced Journalism II**
NP200A/B

**Advanced Journalism III**
NP300A/B

Grade 9-12, 1 credit, Level 1

Students gain practical experience in the elements and processes of producing a student newspaper, including current industry standard desktop publishing software. Assignments and deadlines will require attendance at several evening meetings prior to publication deadline. Summer workshop is encouraged and required for editors. With instructor approval, this course may be repeated for credit with a higher level of responsibility.

Prerequisite: None

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**Editorial Leadership**

**Editorial Leadership**
JRNELA/B

Grade 11-12, 1 credit, Level 1

Students gain practical experience in the elements and processes of producing a student yearbook including current industry standard desktop publishing software. Assignments and deadlines will require attendance at several evening meetings prior to publication deadline. Summer workshop is encouraged and required for editors. With instructor approval, this course may be repeated for credit with a higher level of responsibility.

Prerequisite: Application
Mathematics

Suggested Course Sequence for Mathematics

- Students can move up or down from each track.
- It is recommended that students who are sophomores in Pre-AP Algebra 2 or Algebra 2 should take Precalculus their junior year.
- AP Statistics* can be taken concurrently with any math course after Algebra 2.
Mathematics Core Classes

Algebra I  
Grade 9, 1 credit, Level 1  
Students will build on the knowledge and skills for mathematics in Grades 6-8, which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.
Prerequisite: None

Pre-AP Algebra I  
Grade 9, 1 credit, Level 2  
The content of this course will match the Algebra I course with a greater emphasis on data collection and problem solving. The students will explore mathematical processes in preparation for other advanced math courses.
Prerequisite: None

Geometry  
Grade 9-10, 1 credit, Level 1  
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

Pre-AP Geometry  
Grade 9-10, 1 credit, Level 2  
This course includes a more challenging and rigorous study of geometric thinking, symbolic reasoning, and properties of figures. Students in this course will further explore relationships between geometry and other areas of mathematics.
Prerequisite: Algebra I

GT Pre-AP Geometry  
Grade 9, 1 credit, Level 2  
This course offers identified GT students the opportunity for a student to work with GT peers in a Geometry class. It contains all the concepts presented in the regular Geometry course with more emphasis on the proofs of the theorems and higher mathematical rigor.
Prerequisite: Algebra 1 and Prosper ISD GT Identification
Algebra II
Grade 10-12, 1 credit, Level 1
Students will build on the knowledge and skills for mathematics learned in Kindergarten-Gra9de 8 and Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, radicals, polynomials, 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: Geometry

Pre-AP Algebra II
Grade 9-12, 1 credit, Level 2
This course addresses all of the concepts presented in the regular Algebra II class described above. Many of the topics are extended and more complex examples are presented, including proof of more properties and relations studied. This course will require more attention to the mathematical structure underlying the topics and algorithms presented.
Prerequisite: Geometry

Algebraic Reasoning
Grade 11, 1 credit, Level 1
Students will continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students 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 to 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: Geometry

AP Statistics
Grade 10-12, 1 credit, Level 3
The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data; sampling and experimentation; anticipating patterns; and statistical inference. Students who take AP courses should take the AP exam in May. This course fulfills the fourth credit of math.
Prerequisite: Algebra II
Precalculus

Grade 11-12, 1 credit, Level 1

Precalculus is the preparation for calculus. The course approaches topics from a function point of view where appropriate. It 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. This course is intended to prepare students for AP Calculus AB or mathematical study in college.

Prerequisite: Algebra II

Pre-AP Precalculus

Grade 10-12, 1 credit, Level 2

This course extends the topics of Precalculus focusing on the mathematical structure underlying the topics. This course is intended to prepare students for AP Calculus or mathematical study in college.

Prerequisite: Algebra II

AP Calculus AB

Grade 11-12, 1 credit, Level 3

This course is designed to prepare students for the Advanced Placement examination in Calculus and introduces students to the four major topics in introductory calculus: functions and graphs, limits and continuity, differential calculus and integral calculus. Students who take AP courses should take the AP exam in May.

Prerequisite: Precalculus or Pre-AP Precalculus

AP Calculus BC

Grade 11-12, 1 credit, Level 3

Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics taught in Calculus AB plus additional topics, and is intended to be challenging and demanding. A Calculus AB subscore is reported based on performance on the portion of the Calculus BC Exam devoted to Calculus AB topics. The course represents college-level mathematics for which most colleges grant advanced placement and/or credit. The content of Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for Calculus AB.

Prerequisite: Pre-AP Precalculus
Dual Credit courses (1314-1342) are taken the same year. Students take College Algebra in their fall semester and Elementary Statistical Methods their spring semester.

**Math 1314 College Algebra - Dual Credit**  
MA435A  
Grade 12, 0.5 credit, Level 3, 3 College Hours  
College Algebra focuses on relations and functions: linear, polynomial, rational, exponential, logarithmic and inverse functions, composition of functions, absolute value, theory and systems of equations, complex numbers, matrices, sequences, and the binomial theorem. College Acceptance is required.  
Prerequisite: Algebra II, college acceptance and registration required

**Math 1342 Elementary Statistical Methods - Dual Credit**  
MA435B  
Grade 12, 0.5 credit, Level 3, 3 College Hours  
College Statistics focuses on data collection and tabulations, measures of central tendency, correlation, linear regression, statistical distributions, probability, and hypothesis testing with applications in various fields. College Acceptance required.  
Prerequisite: Algebra 2, college acceptance and registration required

**Advanced Quantitative Reasoning**  
MA4QRA/B  
Grade 12, 1 credit, Level 1  
Students will develop and apply skills necessary for college, careers, and life. Course content consists primarily of applications of high school mathematics concepts to prepare students to become well-educated and highly informed 21st century citizens. Students will develop and apply reasoning, planning, and communication to make decisions and solve problems in applied situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and modeling with algebra, geometry, trigonometry, and discrete mathematics.  
Prerequisite: Algebra II

**Statistics**  
MA4STA/B  
Grade 12, 1 credit, Level 1  
This course will cover the basics of statistics, which is a branch of mathematics required in almost all college majors. This course is recommended for students who need to fulfill a 4th math credit and are planning to attend college.  
Prerequisite: Algebra II

**College Prep Math**  
MA4CPA/B  
Grade 12, 1 credit, Level 1  
College Preparatory 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. Enrollment is limited to students who have demonstrated they are at risk of needing to complete developmental mathematics courses in College. Successful completion of this course earns a Texas Success Initiative (TSI) exemption at Collin College.  
Prerequisite: Algebra II
CTE and Technology Application Courses for Math Credit

AP Computer Science A
Grade 10-12, 2 credits, Level 3
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. 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 LOTE graduation requirements. Check with the college you plan on attending to see if this will count for admissions.
Prerequisite: Pre-AP Computer Science I

Statistics and Business Decision Making
Grade 11-12, 1 credit, Level 1
In this course, students will collect, analyze, and interpret data using a variety of statistical techniques and methods including distribution tables and graphs, measures of central tendency, linear regression, probability, z-tests and t-tests, confidence intervals, hypothesis testing, and chi-square goodness of fit test to identify and manage risk that could impact an organization. This course fulfills the fourth credit of math.
Prerequisite: Algebra II

Accounting II
Grade 11-12, 1 credit, Level 1
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 fulfills the fourth math credit.
Prerequisite: Accounting I

Manufacturing Engineering Technology II
Grade 11-12, 1 credit, Level 1
The study of Manufacturing Engineering Technology II will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. Students will use metal lathe, CNC vertical milling machines. Past year examples projects are machinist hammer, stirling engine, chess pieces, as well as several parts to be use in the Solar Car or FIRST Robotic Competition. This course fulfills the fourth math credit
Prerequisite: Manufacturing Engineering I
Science

**Prosper-ISD Advanced Science Track**

- Pre-AP Biology → Pre-AP Chemistry → AP Physics 1
  - AP Biology
  - AP Chemistry
  - Anatomy & Physiology
  - AP Environmental Science
  - AP Biology
  - AP Chemistry
  - Anatomy & Physiology

**Prosper-ISD Science Track**

- Biology → Chemistry → Physics
  - Environmental Systems
  - AP Environmental Science
  - AP Physics 1
  - Anatomy & Physiology
  - Earth and Space
Science Core Courses

Biology
Grade 9, 1 credit, Level 1
Biology is a laboratory science course that covers the study of living things. Biology focuses on the study of life by examining the fundamental concepts of cellular biology, genetics, ecology, and physiology. The scientific process and laboratory skills are emphasized along with biology's connections to other scientific disciplines.
Prerequisite: None

Pre-AP Biology
Grade 9, 1 credit, Level 2
Pre-Advanced Placement Biology is an accelerated academic course that covers the same objectives as Biology in more depth and complexity. This course is to prepare students to take Advanced Placement Biology.
Prerequisite: None

Chemistry
Grade 10, 1 credit, Level 1
Chemistry is a laboratory science course that covers the study of a variety of topics that include: characteristics of matter, energy transformations, atomic structure, behavior of gases, bonding, solutes, and chemical reactions. Students will investigate chemistry concepts through scientific investigations.
Prerequisite: None

Pre-AP Chemistry
Grade 10, 1 credit, Level 2
Pre-Advanced Placement Chemistry is an accelerated academic class that covers the same objectives as Chemistry in more depth and complexity. This course is to prepare students to take Advanced Placement Chemistry.
Prerequisite: None

AP Biology
Grade 10-12, 1 credit, Level 3
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. Students are expected to take the AP exam in May.
Prerequisite: Pre-AP Biology
Integrated Physics & Chemistry (IPC)  
Grade 10, 1 credit, Level 1  
In Integrated Physics and Chemistry, students conduct laboratory investigations, and draw conclusions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry. Students must be recommended for placement in IPC as extra preparation for chemistry and physics courses.  
Prerequisite: None

Earth and Space Science  
Grade 11-12, 1 credit, Level 1  
Earth and Space Science is a course designed to build on students’ prior scientific and academic knowledge and skills to develop understanding of Earth's system in space and time.  
Prerequisite: None

AP Chemistry  
Grade 11-12, 1 credit, Level 3  
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. Students should take the AP exam in May.  
Prerequisite: Chemistry or PreAP chemistry

Physics  
Grade 11-12, 1 credit, Level 1  
Physics is a laboratory science course that covers the study of a variety of topics that include: 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: None

AP Physics 1  
Grade 11-12, 1 credit, Level 3  
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. Students should take the AP exam in May.  
Prerequisite: Chemistry  
Corequisite: PreCalculus or Algebra II
Environmental Systems
ENVSYA/B
Grade 12, 1 credit, Level 1
In Environmental Systems, students conduct field and laboratory investigations and 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: None

AP Physics C
Grade 12, 2 credits (1 period), Level 3
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. Students should take the AP exams in May.
Prerequisite or Corequisite: Calculus

AP Environmental Science
Grade 11-12, 1 credit, Level 3
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. Students should take the AP exam in May.
Prerequisite: None

CTE Courses for Science Credit

Anatomy & Physiology
Grade 11-12, 1 credit, Level 2
This is a weighted course. 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
**Forensic Science**
Grade 11-12, 1 credit, Level 1
Forensic science is the application of multiple scientific disciplines to the investigation of criminal or civil questions of the law. Students combine the use of biology, human anatomy, chemistry, and physics to analyze and interpret evidence within the realm of our legal system. 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. Students will use scientific inquiry, social ethics, science ethics and scientific study for analysis.
Prerequisite: None

**Pathophysiology**
PATHPA/B
Grade 11-12, 1 credit, Level 2
Students study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.
Prerequisite or concurrent enrollment: Anatomy and Physiology
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 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, Level 1  
This course examines people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment.  
Prerequisite: None

**Pre-AP World Geography**
SS110A/B  
Grade 9, 1 credit, Level 2  
This course covers the study of the physical features of the earth, the cultural imprint of man upon the earth, and the environmental results of the interaction of these two forces. Content is presented with more depth and breadth than World Geography, with an emphasis on learning, writing, and analytical skills. Topics of study include the five themes of geography, landforms, climates, natural resources, human behavior, cultural patterns, economic growth, and urbanization. This course is focused toward preparation for the Advanced Placement Program. Outside reading and research are required.  
Prerequisite: None

**AP Human Geography**
SS120A/B  
Grade 9-12, 1 credit, Level 3  
AP Human Geography is 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. Students who take AP courses should take the AP exam in May.  
Prerequisite: None

**Humanities I/English I GT**
GTHU1A/B  
(Pre-AP English I)  
Grade 9 GT only, 1 credit, Level 2  
Humanities I/English I GT and Humanities II/World History AP GT are courses that provide gifted students with opportunities not available through regular or advanced classes. The courses combine Pre-AP English I with AP World History in a two-year interdisciplinary spiral. The basic
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; Humanities II examines the Renaissance to modern times. 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. Ninth and tenth graders will earn Pre-AP English I credit while tenth graders earn AP World History credit. At the conclusion of Humanities II, students can sit for the AP World History to possibly earn college credit.

Humanities does not fulfill the fine arts requirement for graduation.

Prerequisite:  PISD GT Identification

**Humanities II/ World History AP GT**  
**GTHU2A/B**  
(AP World History)  
Grade 10 GT only, 1 credit, Level 3  
Humanities I/English I GT and Humanities II/World History AP GT are courses that provide gifted students with opportunities not available through regular or advanced classes. The courses combine Pre-AP English I with AP World History in a two-year interdisciplinary spiral. The basic 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; Humanities II examines the Renaissance to modern times. 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. Ninth and tenth graders will earn Pre-AP English I credit while tenth graders earn AP World History credit. At the conclusion of Humanities II, students can sit for the AP World History to possibly earn college credit.

Humanities does not fulfill the fine arts requirement for graduation.

Prerequisite:  Humanities I and PISD GT Identification

**World History**  
**SS200A/B**  
Grade 10, 1 credit, Level 1  
This course is a survey of the history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world.

Prerequisite:  None

**Pre-AP World History**  
**SS210A/B**  
Grade 10, 1 credit, Level 2  
This course is an advanced survey of the history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world.

Prerequisite:  None
**AP World History**

Grade 10, 1 credit, Level 3

The AP World History course content is structured around the investigation of five course themes: Interaction between humans and the environment; development and interaction of cultures; state-building, expansion, and conflict; creation, expansion, and interaction of economic systems; development and transformation of social structures from approximately 8000 B.C.E. to the present. Students who take AP courses should take the AP exam in May.

Prerequisite: None

**US History**

Grade 11, 1 credit, Level 1

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**

Grade 11, 1 credit, Level 3

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 essay format. Students who take AP courses should take the AP exam in May.

Prerequisite: None

**Dual Credit US History: HIST 1301**

Grade 11-12, 0.5 credit, Level 3, 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**  
Grade 11-12, 0.5 credit, Level 3, 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**  
Grade 11, 2 credits, Level 3  
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. 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. Students who take AP courses should take the AP exam in May.  
Prerequisite: PISD GT Identification

**US Government**  
Grade 12, 0.5 credit, Level 1  
In US Government, the focus is 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**  
Grade 12, 0.5 credit, Level 1  
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
AP Government/AP Economics Combo
SS4230/31
Grade 12, 1 credit, Level 3
These classes will be taught concurrently.
AP Macroeconomics gives 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. Students who take AP courses should take the AP exam in May.

AP US Government & Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret US government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US government and politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Students who take AP course should take the AP exam in May.
Prerequisite: None

Dual Credit US Government
(Federal Government GOVT 2305)
Grade 12, 0.5 credit, Level 3, 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
(Principles of Macroeconomics ECON 2301)
Grade 12, 0.5 credit, Level 3, 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 11-12, 1 credit, Level 3
The AP European History course focuses on developing students’ understanding of European history from approximately 1450 to the present. The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; and individual and society) that students explore throughout the course in order to make connections among historical developments in different times and places. Students who take AP courses should take the AP exam in May.
Prerequisite: None

AP Psychology (Includes Social Studies – Advanced Studies)  PSYAPA/B
Grade 11-12, 1 credit, Level 3
The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Through the textbook, class discussions, and classroom activities, students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. This is a college level course, designed to replace Introduction to Psychology in a student’s freshman year of college. Students will prepare for the AP Exam and for further studies in psychology and life sciences. Students who take AP courses should take the AP exam in May.
Prerequisite: None

Influences of the New Testament Bible on History and Literature  SSBIBN
Grade 9-12, 0.5 credit, Level 1
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 Bible on History and Literature  
Grade 9-12, 0.5 credit, Level 1  
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  
Grade 10-12, 0.5 credit, Level 1  
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  
Grade 10-12, 0.5 credit, Level 1  
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  
Grade 10-12, 0.5 credit, Level 1  
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

Special Topic: U.S. Military History  
Grade 10-12, 1 credit, Level 1  
This course is designed for the student interested in the study of U.S. military history. This course will cover the development of the U.S. military from colonial times to the current war on terrorism. Students will be required to attend a military history seminar at UNT on one Saturday in the fall. There will be a $30.00 fee for the seminar.  
Prerequisite: None
Fine Arts

**AP Music Theory**  
Grade 11-12, 1 credit, Level 3  
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 the serious music student. Students who take AP courses are expected to take the AP exam in May.  
Prerequisite: None

**Art**

**Art I**  
Grade 9-12, 1 credit, Level 1  
Art I is a survey course allowing students the opportunity to apply the elements of art and the principles of design to an array of original works, while studying artists and art periods. Various studio areas to be covered include drawing, printmaking, painting, ceramics, sculpting, and textiles.  
Prerequisite: None

**Pre AP Art I**  
Grade 9-11, 1 credit, Level 2  
Pre-AP Art I is a survey course providing learning opportunities beyond those available in the Art I course. The Art I curriculum will be followed, however students will be required to produce a body of work at a more advanced level in both quality and quantity. Students are expected to complete a “mini-concentration” and at least six pieces for consideration in next year’s AP studio art class. This class will require an estimated 6 hours outside class participation.  
Prerequisite: None

**Basic Drawing and Design**  
Grade 10-12, 1 credit, Level 1  
Drawing and Design will focus on mark making and composition. Students will work in various styles and genres while developing technical skills. The majority of the work will be mixed media and two dimensional. Students should anticipate two hours a week in outside works. Art supplies and fees will be required.  
Prerequisite: Art I
Intermediate Drawing and Design E1121A/B
Grade 11-12, 1 credit, Level 1
This is an intermediate course focusing on mark making and composition. Students will work in various styles and genres while developing technical skills. The majority of the work will be mixed media and two dimensional. Students should anticipate two hours a week in outside works. Art supplies and fees will be required.
Prerequisite: Basic Drawing and Design

Advanced Drawing and Design E1221A/B
Grade 11-12, 1 credit, Level 1
This is an advanced course focusing on mark making and composition. Students will concentrate on voice, exploration and experimentation within the medium. The majority of the work will be mixed media and two dimensional. Students will create a portfolio of their original works of art, and will be expected to demonstrate basic framing and presentation processes. Students should anticipate two hours a week in outside works. Art supplies and fees will be required.
Prerequisite: Intermediate Drawing and Design

AP Art History E1233A/B
Grade 10-12, 1 credit, Level 3
AP Art History is taught at the same level as an introductory college art history survey. The course involves critical thinking and should develop an understanding and knowledge of diverse historical and cultural contexts of art. In this course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. Students should take the AP Art History Test.
Prerequisite: None

Basic Painting E1022A/B
Grade 10-12, 1 credit, Level 1
This course will focus on painting techniques and styles. Students will work with a variety of paints, surfaces and genres. While striving for mastering of application, students will inflect personal voice into the works. Students should expect about two hours of work outside the class period. Art supplies and fees will be required.
Prerequisite: Art I

Intermediate Painting E1122A/B
Grade 11-12, 1 credit, Level 1
This is an intermediate course focusing on painting techniques and styles. Students will work with a variety of paints, surfaces and genres. While striving for mastering of application, the student will inflect personal voice or intent into multifaceted works. Students should expect about two hours of work outside the class period. Art supplies and fees will be required.
Prerequisite: Basic Painting
Advanced Painting
Grade 11-12, 1 credit, Level 1
This is an advanced course focusing on color manipulation and composition. Students will concentrate on voice, exploration and experimentation within the medium. The majority of the work will be mixed media and two dimensional. Students will create a portfolio of their original works of art, and will be expected to demonstrate basic framing and presentation processes. Students should anticipate two hours a week in outside work. Art supplies and fees will be required.
Prerequisite: Intermediate Painting

AP Drawing
Grade 11-12, 1 credit, Level 3
This course is intended to address a very broad interpretation of drawing issues and media. Line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making are drawing issues that will be addressed through a variety of means, which could include painting, printmaking, and mixed media among others. Students who take AP art courses are required to submit a portfolio. Art supplies and fees will be required.
Prerequisite: Art I and a level II art class

AP Art 2-D Art and Design
Grade 11-12, 1 credit, Level 3
This course is intended to address two-dimensional designs which involve purposeful decision making about how to use the elements and principles of art in an integrative way. For this AP portfolio, students demonstrate mastery of a 2-D design through any two dimensional medium or process, including: graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking. Students who take AP art courses are required to submit a portfolio. Art supplies and fees will be required.
Prerequisite: Art I, Recommended prerequisite: AP Art Drawing Portfolio

AP Art 3-D Art and Design
Grade 11-12, 1 credit, Level 3
This course is intended to address sculptural design that involves purposeful decision making about using the elements and principles of art in an integrative way. For this AP portfolio, students demonstrate mastery of design principles as they relate to the integration of depth and space, volume and surface. The principles of design can be articulated through the visual elements of mass, volume, color/light, form, plane, line, and texture. Students who take AP art courses are required to submit a portfolio. Art supplies and fees will be required.
Prerequisite: Art I, Recommended prerequisite: AP Art Drawing Portfolio

Basic Printmaking
Grade 10-12, 1 credit, Level 1
This course is an introduction to traditional and contemporary styles of printmaking. Students will use a variety of techniques in the creation of original works of art. Various artists and genres will be examined. About two hours of work per week outside of class time should be expected. Art supplies and fees will be required.
Prerequisite: Art I

**Intermediate Printmaking**
E1123A/B

Grade 11-12, 1 credit, Level 1
This is an intermediate course focusing on a variety of printmaking techniques. Students will create original works of art. Both monoprints and print series will be explored. Various artists and genres will be examined. About two hours of work per week outside of class time should be expected. Art supplies and fees will be required.
Prerequisite: Basic Printmaking

**Advanced Printmaking**
E1223A/B

Grade 11-12, 1 credit, Level 1
This is an advanced course focusing on a variety of printmaking techniques. Students will concentrate on voice, exploration and experimentation within the medium. The majority of the work will be mixed media and two dimensional. Students will create a portfolio of their original works of art. Students should anticipate two hours a week in outside works. Art supplies and fees will be required.
Prerequisite: Intermediate Printmaking

**Basic Ceramics**
E1024A/B

Grade 10-12, 1 credit, Level 1
This is an introduction to hand building and wheel throwing techniques to create functional and sculptural work which demonstrates their understanding of the elements and principles of design. Students should anticipate an additional two hours of studio time beyond class per week. Art supplies and fees will be required.
Prerequisite: Art I

**Intermediate Ceramics**
E1124A/B

Grade 11-12, 1 credit, Level 1
This is an intermediate course combining both hand building and wheel throwing techniques to create functional and sculptural work which demonstrates an understanding of the elements and principles of design. Students should anticipate an additional two hours of studio time beyond class per week. Art supplies and fees will be required.
Prerequisite: Basic Ceramics

**Advanced Ceramics**
E1224A/B

Grade 11-12, 1 credit, Level 1
This is an advanced course focusing on a variety of handbuilding, wheel throwing, and alternative firing techniques. Students will concentrate on voice, exploration and experimentation within the medium. The majority of the work will be mixed media and three dimensional. Students will create a portfolio of their original works of art, and will be expected to demonstrate basic kiln operations. Students should anticipate two hours a week in outside works. Art supplies and fees will be required.
Prerequisite: Intermediate Ceramics
Basic Sculpture
Grade 10-12, 1 credit, Level 1
This course is an introductory course in additive and subtractive techniques using a variety of tools and materials. Students will demonstrate their understanding of the design principles through informed decision making in their work. Anticipate two hours of additional studio time beyond the classroom each week. Art supplies and fees will be required.
Prerequisite: Art I

Intermediate Sculpture
Grade 11-12, 1 credit, Level 1
This is an intermediate course in which students will combine additive and subtractive techniques using a variety of tools and materials. Students will demonstrate their understanding of the design principles through informed decision making in their work. Anticipate two hours of additional studio time beyond the classroom each week. Art supplies and fees will be required.
Prerequisite: Basic Sculpture

Advanced Sculpture
Grade 11-12, 1 credit, Level 1
This is an advanced course focusing on a combination of additive and subtractive sculpting techniques. Students will concentrate on voice, exploration and experimentation within a variety of materials. The majority of the work will be mixed media and three dimensional. Students will create a portfolio of their original works of art. Students should anticipate two hours a week in outside works. Art supplies and fees will be required.
Prerequisite: Intermediate Sculpture

Band

Color Guard/Winter Guard I
Grade 9-12, 1 credit, Level 1
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
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, Level 1
This class is the top level band at PHS 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

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, Level 1
This class serves as the optional second-block, an extension of ‘Wind Ensemble’, the top level band at PHS. While ‘Wind Ensemble’ focuses on group activities, ‘Wind Ensemble 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. Prerequisite: Audition and director approval

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, Level 1
This class is the second level band at PHS 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**  
E61404A/B  
Grade 9-12, 1 credit, Level 1  
This class serves as the optional second-block, an extension of ‘Symphonic Band’. While ‘Symphonic Band’ focuses on group activities, ‘Symphonic Band 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

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<tr>
<th>Concert Band I</th>
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<td>Concert Band IV</td>
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Grade 9-12, 1 credit, Level 1  
This class is the third level band at PHS 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

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<td>Percussion II</td>
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<td>Percussion III</td>
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<td>Percussion IV</td>
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Grade 9-12, 1 credit, Level 1  
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 drum line, 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

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Choir

**Varsity Treble Choir 1**
E5101A/B
**Varsity Treble Choir 2**
E5102A/B
**Varsity Treble Choir 3**
E5103A/B
**Varsity Treble Choir 4**
E5104A/B
Grade 9-12, 1 credit, Level 1
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 1**
E5201A/B
**Varsity Mixed Choir 2**
E5202A/B
**Varsity Mixed Choir 3**
E5203A/B
**Varsity Mixed Choir 4**
E5204A/B
Grade 9-12, 1 credit, Level
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 1**
E5301A/B
**Chamber Choir 2**
E5302A/B
**Chamber Choir 3**
E5303A/B
**Chamber Choir 4**
E5304A/B
Grade 9-12, 1 credit, Level 1
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 primarily focuses 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 1 E5105A/B
Bel Canto 2 E5106A/B
Bel Canto 3 E5107A/B
Bel Canto 4 E5108A/B

Grade 9-12, 1 credit, Level 1
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, Level 1
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, Level 1
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
**Orchestra**

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

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.

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

The Chamber Orchestra is the top orchestra at Prosper HS 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.
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, Level 1

Students in the Drill Team class are auditioned members of the PHS Talonette Dance and Drill Team. Tryouts are held late in the spring and commitment lasts for a full school year. Talonette dancers 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

Dance I  E1001A/B
Dance II  E1002A/B
Grade 9-12, 1 credit, Level 1

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.
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, Level 1

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

#### Theatre Arts I

**E2001A/B**

**Grade 9-12, 1 credit, Level 1**

Students will study the fundamentals of theatre including basic acting technique, creating a believable character, movement, voice and diction, theatre history, improvisation, and basic technical theatre techniques. All students in Theatre Arts I will be expected to act in front of the classroom at various times throughout the school year. Students are required to complete a minimum of 10 production hours per semester. The class culminates in a public performance outside of the school day.

#### Technical Theatre I

**E3001A/B**

**Grade 9-12, 1 credit, Level 1**

Students will study the basics of technical theatre, such as set construction (including the use of power tools), the counterweight fly system, electricity basics, lighting operation and design basics, sound operation and design basics, properties construction, costume construction, show publicity, basic drafting and drawing skills, and theatre safety. Students will create sets, props, costumes, sound, and lighting for all PHS theatre productions. Students are required to complete a minimum of 10 production hours per semester.

**Prerequisite:** None

#### Costume Construction II

**E2007A/B**

#### Costume Construction III

**E2008A/B**

#### Costume Construction IV

**E2009A/B**

**Grade 10-12, 1 credit, Level 1**

Students will learn all the basic sewing stitches and techniques. Throughout the year students will build numerous costume pieces, design costume plots and hopefully work backstage of a production. This class will cover costume history, drawing, design, color palettes, costume construction and portfolio design for possible college use. This is a great class for students who want to be a part of productions and express their unique style. Twenty hours outside of class production work is required per semester.

**Prerequisite:** Theatre Arts 1 or Technical Theatre 1 or with instructor permission

#### Theatrical Make-Up II

**E2016A/B**

**Grade 10-12, 1 credit, Level 1**

In this course students will be exposed to the basics of stage make-up. Students will learn old age, fantasy, gore, and multi media makeup. Students will be expected to purchase various supplies that will be intended for their personal use only. Students are required to complete a minimum of 10 hours of production work outside of class per semester.

**Prerequisite:** Theatre Arts I or Technical Theatre I or with instructor permission
Theatrical Make-Up III
E2017A/B
Grade 11-12, 1 credit, Level 1
In this course students will explore even more make-up options. They will be exposed to cake make-up, HD make-up, airbrushing, grease paint and more advanced special effects. Students will be expected to purchase various supplies that will be intended for their personal use only. Students in this class are expected to be the make-up crews for all after school productions. Students are required to complete a minimum of 20 hours of production work per semester.
Prerequisite: Theatrical Make-Up II or Costuming II or instructor permission

Directing I
E4009A/B
Grade 11-12, 1 credit, Level 1
In this course we will spend time exploring what it means to be a theatre artist. The focus of the work will be in bringing a full, honest, and personal point of view to the crafts of acting and directing. We will attack artistic questions through several performance and training philosophies, including scene study and improvisation. We will present scenes and/or monologues in class, but the final project will be wholly original pieces developed in collaboration. Students are required to complete a minimum of 20 production hours per semester.
Prerequisite: Theatre Arts I and a second level theatre class or instructor permission

Directing II
E4010A/B
Grade 12, 1 credit, Level 2
In this course we will spend time exploring what it means to be a theatre artist. The focus of the work will be in bringing a full, honest, and personal point of view to the crafts of acting and directing. We will attack artistic questions through several performance and training philosophies, including scene study and improvisation. The final project will be submitting your original works to local playwriting contests and producing a one act play. Students are required to complete a minimum of 20 production hours each semester.
Prerequisites: Directing I and instructor permission

Technical Theatre II Stagecraft
E3006A/B
Grade 10-12, 1 credit, Level 1
This course is geared for the student who liked the hands on approach of Technical Theatre I. This course will cover all technical aspects of the stage but it will almost always be hands on. These students will build, hang lights and wire sound. Curriculum will be extensively hands on in all aspects of technical theatre with a push toward more advanced elements. Students are required to complete a minimum of 20 production hours per semester.
Prerequisite: Technical Theatre I or instructor permission
Technical Theatre III Stagecraft
Grade 11-12, 1 credit, Level 1
This course is geared for the student who liked the hands on approach of Technical Theatre I. This course will cover all technical aspects of the stage but it will almost always be hands on. These students will build, hang lights and wire sound. The curriculum will focus on leadership in theatre and design of technical elements. Students are required to complete a minimum of 20 production hours per semester.
Prerequisite: Technical Theatre II Stagecraft or instructor permission

Technical Theatre IV Stagecraft
Grade 12, 1 credit, Level 1
This course is geared for the student who liked the hands on approach of Technical Theatre I. This course will cover all technical aspects of the stage but it will almost always be hands on. These students will build, hang lights and wire sound. These students will be required to produce the work and materials for the UIL technical theatre contest. Students are required to complete a minimum of 20 production hours per semester.
Prerequisite: Technical Theatre III Stagecraft or instructor permission

Theatre Arts II
Theatre Arts III
Theatre Arts IV
Grade 9-12, 1 credit, Level 1
This course will specialize in learning theatre production aspects. We will explore acting techniques, basic instruction about production aspects as well as extensive characterization. Second semester will focus on a production that will be produced both in class and out of class. Students are required to complete a minimum of 20 production hours per semester.
Prerequisite: Theatre Arts I, or two years in middle school theatre or instructor permission

Musical Theatre Arts I
Musical Theatre Arts II
Musical Theatre Arts III
Musical Theatre Arts IV
Grade 9-12, 1 credit, Level 1
This class is Production Acting for musical theatre students. This class does require an audition the year before. The class is limited in size admitting only students who can dedicate their time fully to the class and commit to the production class standards. First semester will be dedicated to solos, duets and small groups. These selections will be performed for the public, therefore after school commitments are expected. Second semester will focus on a full length musical that will be produced for a live audience. Students are required to complete a minimum of 20 production hours per semester and participate in all productions in some way.
Prerequisite: Audition and instructor permission
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<th>Production Acting Theatre I</th>
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<td>Production Acting Theatre II</td>
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<td>Production Acting Theatre III</td>
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<td>Production Acting Theatre IV</td>
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This course is the varsity acting theatre class. This class does require considerable after school rehearsals. Students are required to participate in each production. In this class we will focus more on becoming leaders in the thespian society and in performances. In this course we will focus on developing characters and working to develop different acting techniques. UIL One-Act Play will be produced out of this class. Participation in mandatory. Students are required to complete a minimum of 20 production hours per semester.

Prerequisite: Audition and instructor permission

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<td>Production Tech Theatre II</td>
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<td>Production Tech Theatre III</td>
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<td>Production Tech Theatre IV</td>
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This course is the varsity tech theatre class. This class does require a considerable amount of after school rehearsals. Students are required to participate in each production. This class focuses on design and will participate in the UIL Technical Design competition as well as leadership roles in theatre. This class also requires for students to work multiple after school functions which include but are not limited to orchestra concerts, choir concerts, dance performances, etc. This also requires for students to work every pep rally. Students are required to complete a minimum of 20 production hours per semester. UIL One-Act Play contest play will be produced with this class and participation in mandatory.

Prerequisite: Tech I or Costuming I and an audition plus instructor permission

**CTE and Technology Application Courses for Fine Arts credit**

**Floral Design**

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Grade 10-12, 1 credit, Level 1

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**

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Grade 9-12, 1 credit, Level 1

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
Languages Other Than English

**Spanish I**
Grade 9-11, 1 credit, Level 1
Spanish I is an entry level course to the Spanish language and the diverse culture and customs of the Spanish-speaking world. The intent of this course is to provide the fundamental skills needed to understand, speak, read and write in Spanish using simple sentence structures in the present tense. These communication skills will be developed and enhanced through daily applications such as learning and singing songs; sharing information, feelings and opinions by engaging in daily conversation with fellow classmates; participating in small group activities as well as delivering multiple oral and written presentations throughout the course of study. The majority of this course is conducted in Spanish.
Prerequisite: None

**Pre-AP Spanish I**
Grade 9-11, 1 credit, Level 2
Pre AP Spanish I is an advanced introductory course to the Spanish language and the diverse culture and customs of the Spanish-speaking world. The intent of this course is to provide accelerated proficiency skills needed to understand, speak, read and write in Spanish using simple sentence structures in the present tense. These communication skills will be highly developed and enhanced through daily applications such as learning and singing songs; sharing information, feelings and opinions by engaging in daily conversation with fellow classmates; participating in small group activities as well as delivering multiple oral and written presentations throughout the course of study. Additional readings, speaking and writing activities and listening comprehension activities will be incorporated into the daily lessons of the Pre AP classroom. The majority of this course is conducted in Spanish.
Prerequisite: None

**Spanish II**
Grade 9-12, 1 credit, Level 1
In Spanish II students will continue improving listening, speaking, reading and writing in Spanish. Study of the Spanish culture and Novice High proficiency level continues as they continue to practice everyday life situations. Students are introduced to a broad history and customs of the Spanish-speaking world. Students in Spanish 2 will be able to express meaning in straightforward and personal contexts and understand information from simple connected statements. They are generally understood by people accustomed to dealing with language learners. Students will continue to acquire and discover the target language through speaking, listening, reading, and writing activities. This course allows the students to begin communicating in a target language environment. The majority of this course is conducted in the target language.
Prerequisite: Spanish 1 or Pre-AP Spanish I
Pre-AP Spanish II
Grade 9-12, 1 credit, Level 2
Pre-AP Spanish II students will continue improving listening, speaking, reading and writing in Spanish. Study of the Spanish culture and Novice High proficiency level continues as they continue to practice everyday life situations and topics. This course continues the learning of the language with emphasis on more vocabulary, complex verb tenses, and grammatical structures. The student will also gain a greater understanding of important social, political, literary, historical, and cultural aspects of the Spanish-speaking world. The course instruction is conducted in Spanish the majority of the time.
Prerequisite: Spanish I or Pre-AP Spanish I

Spanish III
Grade 10-12, 1 credit, Level 1
Spanish III students will continue improving listening, speaking, reading and writing in Spanish. Students will be able to express meaning in a variety of contexts and understand information from connected statements. Study of the Spanish culture and Intermediate Mid/High proficiency level continues as they continue to acquire and discover the target language through speaking, listening, reading, and writing activities and practicing everyday life situations. Students will use applicable resources to gain local and global cultural perspectives. This course will challenge the students as they expand on and apply vocabulary and complex grammatical structures. The teachers and the students will interact primarily in the target language.
Prerequisite: Spanish II or Pre-AP Spanish II

Pre-AP Spanish III
Grade 10-12, 1 credit, Level 2
Pre-AP Spanish III students will continue improving listening, speaking, reading and writing in Spanish. Study of the Spanish culture and Intermediate Mid/High proficiency level continues as they continue to practice everyday life situations and topics. Diverse Spanish cultures around the world will be studied through cultural readings, pictures, videos, literature, art, and music. Students will use applicable resources to gain art appreciation, environmental concerns, history, and politics within the context of the Spanish-speaking world. This course will challenge the students as they expand on and apply vocabulary and complex grammatical structures. This course is designed to prepare students for AP Spanish IV Language and Culture. The teachers and students will interact primarily in the target language.
Prerequisite: Spanish II or Pre-AP Spanish II

AP Spanish IV – Spanish Language and Culture
Grade 11-12, 1 credit, Level 3
The Advanced Placement Spanish IV Language and Culture course provides students with opportunities to demonstrate their proficiency in each of the three modes in the intermediate to Pre-Advanced range as described in the ACTFL Performance Guidelines for K-12 Learners. This course emphasizes the use of Spanish in active communication and has the following three objectives: the ability to understand spoken Spanish in various contexts, such as authentic conversations, the development of a Spanish vocabulary sufficiently ample for reading authentic newspaper and magazine articles, and the ability to express oneself coherently with reasonable
fluency and accuracy both in written and spoken Spanish. In order to develop these skills, the course will be conducted exclusively in Spanish.
Prerequisite: Spanish III or Pre-AP Spanish III

**AP Spanish Literature and Culture**

Grade 11-12, 1 credit, Level 3

AP Spanish Literature and Culture will allow students to continue enhancing and developing Intermediate High/Advanced proficiency. The overarching aims of the course are to provide students with ongoing and varied opportunities to further develop their proficiencies across the full range of language skills — with special attention to critical reading and analytical writing — and to encourage them to reflect on the many voices and cultures included in a rich and diverse body of Peninsular and Latin American literature written in Spanish. The course approximates to an introductory college course in literature written in Spanish. Emphasis is placed on literary analysis and development of language skills across the three modes of communication (interpersonal, interpretive, and presentational). A key objective of the course is to encourage students not only to understand and retell the content of the texts they read but also to relate that content to literary, historical, sociocultural, and geopolitical contexts in Spanish. This course prepares students to sit for the Spanish Literature and Culture AP exam. The course instruction is conducted in Spanish.
Prerequisite: AP Spanish Language and Culture

**French I**

Grade 9-11, 1 credit, Level 1

French I introduces students to the French language. Acquiring another language incorporates communication skills such as listening, speaking, reading, writing, viewing, and showing. Students develop these communication skills by using knowledge of the language, including grammar, and culture. Communication skills are the primary focus of language acquisition.
Prerequisite: None

**Pre-AP French I**

Grade 9-11, 1 credit, Level 2

Similar to the regular French I course, the Pre-AP French I course introduces students to the French language; however, the student is expected to grasp concepts quickly and work at a faster pace than the French I class. Acquiring another language incorporates communication skills such as listening, speaking, reading, writing, viewing, and showing. Students develop these communication skills by using knowledge of the language, including grammar, and culture. Communication skills are the primary focus of language acquisition. Additional readings, speaking activities, writing topics and listening comprehension activities will be incorporated into the daily lessons in the Pre AP classroom.
Prerequisite: None
French II
Grade 9-12, 1 credit, Level 1
In French II students will continue improving listening, speaking, reading and writing in French. Study of the French culture and Novice High proficiency level continues as they continue to practice everyday life situations. Students are introduced to a broad history and customs of the French-speaking world. The course instruction is conducted in French the majority of the time.
Prerequisite: French I or Pre-AP French I

Pre-AP French II
Grade 9-12, 1 credit, Level 2
In Pre-AP French II students will continue improving listening, speaking, reading and writing in French. Study of the French culture and Novice High proficiency level continues as they continue to practice everyday life situations and topics. This course continues the learning of the language with emphasis on more vocabulary, complex verb tenses, and grammatical structures. The student will also gain a greater understanding of important social, political, literary, historical, and cultural aspects of the French-speaking world. The course instruction is conducted in French the majority of the time.
Prerequisite: French I or Pre-AP French I

French III
Grade 10-12, 1 credit, Level 1
In French III students will continue improving listening, speaking, reading and writing in French. Study of the French culture and Intermediate Mid/High proficiency level continues as they continue to practice everyday life situations. Students will use applicable resources to gain local and global cultural perspectives. This course will challenge the students as they expand on and apply vocabulary and complex grammatical structures. The course instruction is conducted in French a significant part of the time.
Prerequisite: French II or Pre-AP French II

Pre-AP French III
Grade 10-12, 1 credit, Level 2
In French III students will continue improving listening, speaking, reading and writing in French. Study of the French culture and Intermediate Mid/High proficiency level continues as they continue to practice everyday life situations. Students will use applicable resources to gain local and global cultural perspectives. This course will challenge the students as they expand on and apply vocabulary and complex grammatical structures. The course instruction is conducted in French a significant part of the time.
Prerequisite: French II or Pre-AP French II

AP French Language and Culture
Grade 11-12, 1 credit, Level 3
AP French Language and Culture will allow students to continue enhancing and developing Intermediate High/Advanced proficiency in the four skills of listening, speaking, reading, and writing. AP French Language and Culture course has been designed to provide advanced high school students with a rich and rigorous opportunity to study the language and culture of the
French speaking world that is approximately equivalent to an upper-intermediate college or university French course. Students will analyze text on global, political, environmental, and social topics to develop an increased awareness of cultural perspectives and practices. The class will focus on the ability to compose expository passages; and the ability to express ideas orally with accuracy and fluency. Extensive training in the organization and writing of compositions is an integral part of the AP French Language course. This course prepares students to sit for the French Language and Culture AP exam. The course instruction is conducted in French.
Prerequisite: Pre-AP French III

**French V**

Grade 11-12, 1 credit, Level 3
This course will allow students to further refine and enhance Advanced Low proficiency in the four skills of listening, speaking, reading, and writing. The intent of this class is to bridge the gap between AP French Language and Culture and university French courses. French V is designed to provide students with a rigorous opportunity to study the language and culture of the French speaking world that is approximately equivalent to an independent study course offered at various universities. Students will research topics on a global, political, environmental, and social scale to develop a more increased awareness of cultural perspectives and practices. This class will focus on the ability to stay current in Francophone happenings and language, with various independent projects that will allow the students to express ideas both orally and written with increased accuracy and fluency. Advanced low proficiency in all modes of communication is essential to the success of students in this course. This class is conducted entirely in French by both students and instructors.
Prerequisite: AP French Language and Culture

**Pre AP Latin I**

Grade 9-12, 1 credit, Level 2
This beginning course addresses comprehension of the Latin language through reading. Students develop an understanding of the social and political history of the Pompeii, Roman British, and Alexandrians, especially during the first century A.D. This course is based on a continuous story line about historical characters and situations. Students develop comprehension of grammatical points and sentence patterns as they follow the story.
Prerequisite: None

**Pre AP Latin II**

Grade 9-12, 1 credit, Level 2
Students will learn how to read more advanced Latin text and relate it to the English language. Legal and science terminology will also be included. We will be comparing and contrasting Latin and Greek culture, religion, sports, science and history to our modern world. Units II and III will be used from the Cambridge Latin Series.
Prerequisite: Latin I
**American Sign Language I**

Grade 9-11, 1 credit, Level 1

ASL I is an introductory course to the language and culture of the Deaf Community. This course introduces basic fundamentals of American Sign Language and is designed for students who have little or no previous knowledge of ASL. The development of basic language structures such as expressive and receptive skills, questions, commands, and other simple sentence structures are introduced to develop rudimentary conversational skills in ASL. Students will also gain insight and knowledge on the connection between culture and language. Instruction is conducted in ASL (without using spoken English) a significant part of the time.

Prerequisite: None

Note: Students will need to consult their prospective college or university admissions offices to determine if American Sign Language meets the foreign language requirement for admission.

**American Sign Language II**

Grade 10-12, 1 credit, Level 1

This course is a continuation of ASL I focusing on the fundamental elements of American Sign Language. ASL II students will continue developing expressive, receptive and productive skills at a novice range or higher. The primary focus is refining the use of basic ASL sentence types such as pronominalization, classifiers, spatial referencing, pluralization, and temporal and distributional aspects. Students will learn routine communicative functions of the language such as requesting and providing clarification as well as giving and asking for directions. Upon completion, students should be able to comprehend and respond with increasing accuracy to expressive American Sign Language and demonstrate extended cultural awareness of the Deaf Community. ASL II is conducted in ASL (without using spoken English) a significant part of the time.

Prerequisite: American Sign Language I

Note: Students will need to consult their prospective college or university admissions offices to determine if American Sign Language meets the foreign language requirement for admission.

**American Sign Language III**

Grade 11-12, 1 credit, Level 1

ASL III students will continue developing their receptive and expressive language skills at the intermediate proficiency level. This course builds on skills learned in American Sign Language (ASL) I and II, adding more complex ASL grammatical features and vocabulary such as description of general surroundings, appropriate sequencing, temporal aspects and conditionals, short stories, dialogues, narratives, grammar and advancing conversation skills previously learned. This course
will include Information about the Deaf Community and Deaf Culture. Students will concentrate on understanding and acquiring more advanced conversational proficiency in ASL. This course emphasizes the use of various kinds of ASL classifiers in the function of describing objects and in providing locative information. Analyzes Deaf Culture with an emphasis on the struggles of this linguistic minority with a majority controlled educational establishment with particular attention to the effects on individual Deaf lives. This course requires Deaf Community exposure and involvement. The course instruction is conducted in ASL (without using spoken English) a significant part of the time.

Prerequisite: American Sign Language II
Note: Students will need to consult their prospective college or university admissions offices to determine if American Sign Language meets the foreign language requirement for admission.

American Sign Language IV
FA400A/B
Grade 11-12, 1 credit, Level 1
In American Sign Language IV students will continue developing their receptive and Expressive Intermediate or higher language skills. This course builds on skills learned in American Sign Language (ASL) I, II and III, adding more complex ASL structures. This course expands on the development of American Sign Language (ASL) vocabulary and grammar, including the use of two to three character role shifts. Students describe settings, and explain or discuss everyday objects and their use, step-by-step processes, cause and effect, literature, narratives, poetry, and creative sign play and culturally significant topics relating to the Deaf Community. Students will analyze ASL grammatical principles and Deaf cultural experiences to explore and understand various underlying metaphors found in ASL literature. This course requires Deaf Community exposure and involvement. The course instruction is conducted in ASL (without using spoken English) a significant part of the time.

Prerequisite: American Sign Language III
Note: Students will need to consult their prospective college or university admissions offices to determine if American Sign Language meets the foreign language requirement for admission.

Pre-AP Computer Science 1
FC110A/B
Grade 9-12, 1 credit, Level 2
This is an introductory course to the fundamental concepts of Computer Science which leads into AP Computer Science. This object-oriented programming class uses the Java programming language to discuss basic concepts of programming.

Prerequisite: Geometry or concurrent enrollment.
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 LOTE graduation requirements. Check with the college you plan on attending to see if this will count for admissions.
Computer Science 2
Grade 10-12, 1 credit, Level 2
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 second semester college-level course in Computer Science.
Prerequisite: Pre-AP Computer Science 1 with mastery of 80 or higher
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 LOTE graduation requirements. Check with the college you plan on attending to see if this will count for admissions.

AP Computer Science A
Grade 10-12, 2 credits, Level 3
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: Pre-AP Computer Science 1
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 LOTE graduation requirements. Check with the college you plan on attending to see if this will count for admissions.

AP Computer Science Principles
Grade 9-12, 1 credit, Level 3
AP Computer Science Principles introduces students to the central ideas of computer science, instills the ideas and practices of computational thinking and invites students to understand how computing changes the world. The rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using simulations to explore questions that interest them. Students design and implement innovative solutions using an iterative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life.
Prerequisite: Algebra I
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 LOTE graduation requirements. Check with the college you plan on attending to see if this will count for admissions.
Career and Technical Education (CTE)

Agriculture, Food & Natural Resources

Principles of Agriculture, Food, and Natural Resources
PRAFNA/B
Grade 9-12, 1 credit, Level 1
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

Wildlife, Fisheries, and Ecology Management
WFECMA/B
Grade 10-12, 1 credit, Level 1
This course prepares students to examine the management of game and non-game wildlife species, fish, and aquacrops and their ecological needs. Students will have the opportunity to obtain their Hunter's Safety Certification in this course.
Prerequisite: None

Agriculture Mechanics and Metal Technologies
AGMMTA/B
Grade 10-12, 1 credit, Level 1
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.
Prerequisite: None

Floral Design
FLORDA/B
Grade 10-12, 1 credit, Level 1
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

Small Animal Management
SMANMG
Grade 10-12, 0.5 credit, Level 1
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.
Prerequisite: None
**Equine Science**  
Grade 10-12, 0.5 credit, Level 1  
Students will gain skills related to equine animal systems and the equine industry. Topics may include horses, donkeys, and mules.  
Prerequisite: None

**Livestock Production**  
Grade 10-12, 1 credit, Level 1  
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.  
Prerequisite: None

**Agricultural Structures Design, and Fabrication**  
Grade 11-12, 2 credits, Level 1  
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

**Advanced Floral Design**  
Grade 11-12, 1 credit, Level 1  
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

**Veterinary Medical Applications**  
Grade 11-12, 1 credit, Level 1  
This course provides knowledge and skills related to large and small animal systems used in veterinary practices.  
Prerequisite: Wildlife, Fisheries and Ecology Management, Small Animal Management (semester course), Equine Science (semester course), or Livestock Production

**Practicum in Agriculture Mechanics**  
Grade 12, 2 credits, Level 1  
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: Agriculture Mechanics related course and program qualification form

**Practicum in Horticulture/Floral Design**  
PAHFDAB  
Grade 12, 2 credits, Level 1  
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:** Horticulture or Floral Design related course

**Practicum in Veterinary Medicine**
PAVMDA/B

Grade 12, 2 credits, Level 1

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

**Agribusiness Management and Marketing**
AGBUSA/B

Grade 12, 1 credit, Level 1

This is a fourth year single credit class for students in Floriculture/Horticulture pathway. This course prepares students for careers in agribusiness systems, acquire technical knowledge and skills related to agribusiness marketing and management and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

Prerequisite: Advanced Floral Design, program qualification form, and teacher approval

**Architecture and Construction**

**Architectural Design I**
ARDN1A/B

Grade 10-12, 1 credit, Level 1

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 Applied Engineering, Algebra I and English I

**Architectural Design II**
ARDN2A/B

Grade 11-12, 2 credits, Level 1

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
Introduction to CAD
(DFTG 1309) Dual Credit
Grade 11-12, 0.5 credit, Level 3, 3 College Hours
This is an introduction to computer-aided drafting. Emphasis is placed on setup; creating and modifying geometry; storing and retrieving predefined shapes; placing, rotating, and scaling objects, adding text and dimensions, using layers, coordinating systems; and plot/print to scale. Lab required. This course will be offered in the Spring.
Prerequisite: Algebra II, college acceptance and registration required

Arts, A/V Technology & Communications

Communications
Professional Communications
Grade 9-12, 0.5 credit, Level 1
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

Dual Credit Business and Professional Communication (SPCH 1321)
Grade 11-12, .5 credit, Level 3, 3 College Hours
This is the study and application of communication within business and professional contexts. Special emphasis will be given to communication competencies in presentations, dyads, teams, and technologically mediated formats. The course includes the relationship of communication to organizational conflict, management and international business, and practice in conducting and participating in business interviews and presentation
Prerequisite: College acceptance and registration required

Audio/Video Production

Principles of Arts, A/V Technology, and Communications
PAVTCA/B
Grade 9-10, 1 credit, Level 1
Students will get an introduction to filmmaking and broadcast using professional cameras, audio, and editing equipment.
Prerequisite: None
Audio Video Production I
AVPRDA/B
Grade 10-12, 1 credit, Level 1
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. This course will require time outside of school.
Prerequisite: Principles of Arts, A/V Technology & Communications

Broadcast News Team - Audio Video Production I
BRNT1A/B (1 Credit)
Grade 10-12, 1 or 2 credits, Level 1
AVPR1A/B (2 Credits)
With gaining a deep understanding of journalism as a focus, students will use industry-standard equipment and studios to produce feature stories grounded in school and community events, activities and people. The highest quality work could be presented on a daily news broadcast. This course will require time outside of school.
Prerequisite: Principles of Arts, A/V Technology and Communications

Digital Audio Technology
DAUT1A/B
Grade 10-12, 1 credit, Level 1
This class was designed for students interested in audio production careers such as audio for radio and television broadcasting, audio for video and film, audio for animation and game design, music production and live sound, and additional opportunities and skill sets. Students will work on the campus radio station.
Recommended Prerequisite: Principles of Arts, A/V Technology and Communications

Audio Video Production II
AVPR2A/B
Grade 11-12, 2 credits, Level 1
This course will give students a deeper understanding of careers in the A/V Technology and film production industries with a focus on pre-production, production, and post-production by using industry standard cinema equipment and software. This course requires significant time outside of school.
Prerequisite: Audio Video Production

Broadcast News Team - Audio Video Production II
BRNT2A/B
Grade 11-12, 2 credits, Level 1
This course gives students a deeper understanding of careers in 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 studio. This course requires significant time outside of school.
Prerequisite: Broadcast News Team - Audio Video Production I
Digital Audio Technology II
DAUT2A/B
Grade 11-12, 1 credit, Level 1
Digital Audio Technology II builds on students interested in audio production careers such as audio for radio and television broadcasting, audio for video and film, audio for animation and game design, music production and live sound, and additional opportunities and skill sets. Students will work on the campus radio station.
Prerequisite: Digital Audio Technology I

Practicum in Audio Video Production
PCAVPA/B
Grade 11-12, 2 credits, Level 1
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 - Audio Video Production II or Digital Audio Technology II

Fashion Design

Fashion Marketing
FASMKT
Grade 9-12, 0.5 credit, Level 1
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

Fashion Design I
FASHDA/B
Grade 10-12, 1 credit, Level 1
This course is designed to help students understanding of the fashion industry with an emphasis on design and construction. Students will be required to provide their own sewing supplies.
Prerequisite: None

Fashion Design II
FSHD2A/B
Grade 11-12, 2 credits, Level 1
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  
Grade 12, 2 or 3 credits, Level 1  
Students taking this practicum course will be expected to develop an advanced technical understanding of the business aspects of fashion with emphasis on promotion and retailing. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Students will be required to provide their own sewing supplies.  
Prerequisite: Fashion Design II and program qualification form

*Technology Applications & Animation*

**Digital Art and Animation**  
Grade 9-12, 1 credit, Level 1  
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

**3D Modeling and Animation**  
Grade 10-12, 1 credit, Level 1  
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.  
Prerequisite: Digital Art and Animation

**Animation I**  
Grade 11-12, 1 credit, Level 1  
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**  
Grade 11-12, 2 credits, Level 1  
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
Web Technologies  
Grade 9-12, 1 credit, Level 1  
This course provides opportunities for students to create and edit Web pages using HTML code, JavaScript, Adobe® Dreamweaver, and other related software applications. Students will design Web pages for personal use, school organizations, and private businesses. Students will study the impact of the World Wide Web on society, WWW search techniques, copyright issues and ethics, Internet history, and connections, and Web publishing strategies and security.  
Prerequisite: None

Graphic Design and Illustration I  
Grade 10-12, 1 credit, Level 1  
This course focuses on careers in designing, producing, exhibiting, performing, writing and publishing multimedia content.  
Prerequisite: Digital Art and Animation

Graphic Design and Illustration II  
Grade 11-12, 1 credit, Level 1  
This course focuses on careers in designing, producing, exhibiting, performing, writing and publishing multimedia content.  
Prerequisite: Graphic Design and Illustration I

Business, Management & Administration

Business Information Management I  
Grade 9-12, 1 credit, Level 1  
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). You will have the opportunity to earn Microsoft Office certifications.  
Prerequisite: None

Human Resource Management  
Grade 11-12, 0.5 credit, Level 1  
This is an introduction to the functions of human resource management including the hiring process, training employees, workplace conflict and resolution, ethics in conduct, and laws protecting employees and employers.  
Prerequisite: None
Business Information Management II
Grade 10-12, 1 credit, Level 1
This is a continuation of Business Information Management I. Students will learn how to make multiple programs communicate and embed within each other using advanced and complex tools and skills in Microsoft Office programs. Students will advance and refine presentation skills towards a higher level. Students will have the opportunity to earn advanced Microsoft Office certifications.
Prerequisite: Business Information Management I

Practicum in Business Management
Grade 12, 3 credits, Level 1
Students gain experience by interning with a professional in the industry. By spending time outside of the school and on-site, students have a chance to gain knowledge, build professional relationships, and strengthen individual performance to help prepare for a successful transition into the workforce or postsecondary education.
Prerequisite: Interview with the PiBM Coordinator; obtain an approved mentoring company; complete a program qualification form.

Education & Training

Principles of Human Services
Grade 9-11, 1 credit, Level 1
Students investigate careers including counseling and mental health, early childhood development, family and community, personal care, and consumer services.
Prerequisite: None

Human Growth and Development
Grade 10-12, 1 credit, Level 1
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.
Prerequisite: None

Ready, Set, Teach I: Instructional Practices
Grade 11-12, 2 credits, Level 1
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.
Prerequisite: Human Growth and Development (concurrent enrollment allowed) and program qualification form.
Ready, Set, Teach II: Practicum in Education and Training

Grade 12, 2 credits, Level 1
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.
Prerequisite: Ready, Set, Teach I and program qualification form

Finance

Accounting I

Grade 10-12, 1 credit, Level 1
Get 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.
Prerequisite: Algebra I

Banking & Financial Services

Grade 10-12, 0.5 credit, Level 1
An introduction to the roles of the banking industry from the perspectives of consumers, employees, entrepreneurs, and the government.
Prerequisite: None

Dollars and Sense

Grade 10-12, 0.5 credit, Level 1
Students learn about money-management and decision making and how these choices impact them and the world/economy around them.
Prerequisite: None

Securities and Investments

SECINA/B
Grade 10-12, 1 credit, Level 1
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

Accounting II

Grade 11-12, 1 credit, Level 1
Students create, analyze, and interpret financial information including the creation of financial statements and financial ratios. Students will have opportunities to earn a certification in QuickBooks. This course fulfills the fourth math credit.
Prerequisite: Accounting I
Financial Analysis
FINANA/B
Grade 11-12, 1 credit, Level 1
Students gather, create, and evaluate various companies' financial information to be able to make recommendations for stakeholders.
Prerequisite: Accounting I

Statistics and Business Decision Making STABDA/B
Grade 11-12, 1 credit, Level 1
Students collect, analyze, and interpret data using a variety of statistical techniques and methods including frequency distribution tables, graphs, measures of central tendency, probability, confidence intervals, hypothesis testing, and chi-square goodness of fit test to identify and manage the risk that could impact an organization. This course is a math course beyond Algebra II.
Prerequisite: Algebra II

Health Science
Principles of Health Science PRHSCA/B
Grade 9-11, 1 credit, Level 1
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. This course is articulated with Collin College. Fees for CPR may be required.
Prerequisite: None

Medical Terminology MEDITA/B
Grade 10-12, 1 credit, Level 1
Medical Terminology is designed to introduce students to the structure of medical terms, to include prefixes, suffixes, word roots, combining forms, singular and plural forms, medical abbreviations and acronyms. This course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.
Prerequisite: None

Anatomy and Physiology ANPHYA/B
Grade 11-12, 1 credit, Level 2
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

Health Science Theory and Clinical HSTHS/HSTHDC
Certified Nurse Assistant
Grade 11-12, 2 credits, Level 1 and 3
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. This portion takes place during one semester.

The Certified Nurse Assistant (CNA) portion is one semester, and is dual credit with Collin College. After successfully completing the required hours and grades, the student will take the Certified Nurse Assistant state exam. NURA 1301 - 3 hours, NURA 1160 - 1 hour

Fees for uniforms, insurance and testing are required for this course. Students must provide their own transportation to and from clinical locations.

Prerequisite: Principles of Health Science, program qualification form, college acceptance and registration required

Pathophysiology

Grade 11-12, 1 credit, Level 2

Students study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.

This course counts as a 4th science credit.

Prerequisite: Biology, Chemistry

Prerequisite or concurrent enrollment: Anatomy and Physiology

Practicum in Health Science - Patient Care Technician (Dual Credit)

Grade 12, 2 credits, Level 3, 8 College Hours

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). Fees for uniforms, insurance and testing will be required. Students must provide their own transportation to and from clinical locations. DSAE 1340 - 3 hours, ECRD 1111 - 1 hour, PLAB 1323 - 3 hours, PLAB 1160 - 1 hour

Prerequisite: CNA, program qualification form, college acceptance and registration required

Practicum in Health Science - Emergency Medical Technician/EMT (Dual Credit)

Grade 12, 2 credits, Level 3

Students will meet Collin College requirements for Clinical-Emergency Medical Technician (EMT Paramedic)-Basic, EMSP 1160, (1 college credit hours), Introduction to Emergency Medical Technician (EMT), EMSP 1371 (3 college credit hours), and Emergency Medical Technician, EMSP 1501, (5 college credit hours). The Practicum is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Student's responsibility in attaining internship site applies. EMT curriculum includes lecture, online quizzes, tests, rotations in a hospital emergency department, ambulance ride-outs and rotations with the local fire department. Students take a comprehensive test at the end of the course to qualify to take the National Registry Exam to become an emergency medical technician. If accepted, additional fees are required.

Students must provide their own transportation to and from their field sites.

Prerequisite: Program qualification form, college acceptance and registration required

Fees for uniforms, insurance and testing are required for this course.
Dual Credit Medical Terminology I
(HITT 1305)
Grade 11-12, 0.5 credit, Level 3, 3 College Hours
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.
Prerequisite: College acceptance and registration required

Dual Credit Pathophysiology
(PATHOD
(HPRS 2301)
Grade 11-12, 0.5 credit, Level 3, 3 College Hours
This is the study of the pathology and 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

Pharmacology
(PHARMA/B
Grade 12, 1 credit, Level 1
This course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Students will take the Pharmacy Tech exam. Fee required.
Recommended prerequisite: Principles of Health Science or Medical Terminology and program qualification form

Hospitality & Tourism

Intro to Culinary Arts
(INTCAA/B
Grade 9-11, 1 credit, Level 1
Students will learn the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. Fee
Prerequisite: None

Culinary Arts
(CLAR1A/B
Grade 10-12, 2 credits, Level 1
Students will be certified in safety and sanitation through the ServSafe Managerial program. Major focuses will be on the the art of cooking, science of baking, and including management and production skills and professional etiquette. Fees for uniform and testing may be required. This course is articulated with Collin College.
Prerequisite: Program qualification form

Advanced Culinary Arts
(ADVCAA/B
Grade 11-12, 2 credits, Level 1
Students will extend content and enhance skills introduced in Culinary Arts including art of cooking, backing, management, production skills, and professional etiquette. Fees for uniform and testing may be required.

Prerequisite: Culinary Arts and program qualification form

**Practicum in Culinary Arts**

PRACAA/B

Grade 12, 2 credits, Level 1

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

**Information Technology**

**Computer Maintenance**

COMPMA/B

Grade 10-12, 1 credit, Level 1

Students will demonstrate knowledge and skills of the process of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to installation, diagnosis, service and repair of computer systems. Students may take the A+ certification test. May be articulated for credit at Collin College. See instructor for details.

Recommended Prerequisite: Principles of Applied Engineering

**Network+**

ITNWNP

ITNW 1358 Dual Credit

Grade 11-12, 0.5 credit, Level 3, 4 college hours

This course assists individuals in preparing for the Computing Technology Industry Association (CompTIA) Network+ certification exam and a career as a network professional. It prepares individuals for a career as a Network Engineer in the Information Technology support industry. Network+ covers the various responsibilities and tasks required for service engineer to successfully perform in a specific environment. Lab required.

Prerequisite: College acceptance and registration required

**ITSYIS  Fundamentals of Information Security (Security +)**

ITSY 1300

Grade 11-12, 0.5 credit, Level 3, 4 College Hours

Students receive an introduction to information security including vocabulary and terminology, ethics, the legal environment, and risk management. Identification of exposures and vulnerabilities and appropriate countermeasures are addressed. The importance of appropriate planning, policies and controls is also discussed. Lab required.

Prerequisite: ITNW 1358. 4 credit hours. (W) This course will be offered in the Spring, college acceptance and registration required
**Law, Public Safety, Corrections & Security**

**Principles of Law, Public Safety, Corrections & Security**
Grade 9-12, 1 credit, Level 1
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**
Grade 10-12, 1 credit, Level 1
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

**Law Enforcement II**
Grade 11-12, 1 credit, Level 1
Law Enforcement II is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law in policing, the United States legal/court system, criminal law, law enforcement terminology, and the classification and elements of crime.
Prerequisite: Law Enforcement I

**Forensic Science**
Grade 11-12, 1 credit, Level 1
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.
Prerequisite: Biology and Chemistry

**Court Systems and Practices**
COURTA/B
Grade 11-12, 1 credit, Level 1
Court Systems and Practices is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation.
Prerequisite: Law Enforcement I
Practicum in Law Enforcement  
Grade 12, 2 credits, Level 1  
Students participate in supervised practical application of previously studied knowledge and skills. 
Prerequisite: Law Enforcement II, program qualification form

Manufacturing

Manufacturing Engineering Technology I  
Grade 10-12, 1 credit, Level 1  
The study of manufacturing engineering will allow students to reinforce, apply, and transfer academic knowledge 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 3D printer, wood machinery, and a metal lathe. 
Prerequisites: Principles of Applied Engineering, Algebra I

Manufacturing Engineering Technology II  
Grade 11-12, 2 credits, Level 1  
The study of Manufacturing Engineering Technology II will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. Students will use metal lathe, CNC vertical milling machines. Past year examples projects are machinist hammer, stirling engine, chess pieces, as well as several parts to be use in the Solar Car or FIRST Robotic Competition. This course fulfills the fourth math credit 
Prerequisite: Manufacturing Engineering I, Prequalification form

Marketing

Fashion Marketing  
FASMKT  
Grade 9-12, 0.5 credit, Level 1  
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

Advertising  
Grade 11-12, 0.5 credit, Level 1  
Student 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
**Entrepreneurship**

*Grade 11-12, 1 credit, Level 1*

Students learn about small businesses, and creating a business plan to organize and promote a business, and its products and services.

Prerequisite: None

**Advanced Marketing (School Store)**

*Grade 11-12, 2 credits, Level 1*

Want to learn how to operate a business? Learn how to run a business by being a part of the school store team. Students learn about distribution, finance, marketing information, pricing, product planning and promotion.

Suggested Prerequisite: Business Information Systems

Prerequisite: Interview and program qualification form

**Sports & Entertainment Marketing**

*Grade 11-12, 0.5 credit, Level 1*

Learn how companies and marketers use collegiate and professional sports teams, collegiate and professional sporting events, celebrities, and entertainment events such as a music concert or an awards show to promote its brand name and products

Prerequisite: None

**Social Media Marketing**

*Grade 10-12, 0.5 credit, Level 1*

Learn how companies and marketers create and use social media as a part of their overall marketing strategies.

Prerequisite: None

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**Science, Technology, Engineering & Mathematics**

**Introduction to Engineering Design**

*Grade 9-12, 1 credit, Level 1*

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

Prerequisite: None

**Engineering Design & Presentation I**

*Grade 9-12, 1 credit, Level 1*

Engineering Design and Presentation I is a continuation of knowledge and skills learned in Principles of Applied Engineering. Students enrolled in this course will demonstrate knowledge and
skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Students will build a lego mindstorm race car, ninja warrior course, laser cut trebuchet, 3D parts
Prerequisite: Principles of Applied Engineering

Engineering Design & Presentation II ENDP2A/B
Grade 11-12, 2 credits, Level 2
Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Emphasis will be placed on using skills from ideation through prototyping.
Prerequisite: Engineering Design and Presentation I

Dual Credit Intro to Engineering: ENGR 1201 ENGRDC
Grade 11-12, 0.5 credit, Level 3, 2 College Hours
This course is an introduction to engineering as a discipline and a profession. It includes instruction in the application of mathematical and scientific principles to the solution of practical problems for the benefit of society. 2 credit hours. (A) This course will be offered in the fall.
Prerequisite: Algebra II, college acceptance and registration required

Practicum in STEM PRASTA/B
Grade 11-12, 2 credits, Level 2
Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.
Prerequisite: Advanced Engineering course, prequalification form

Technology Applications

Computer Science

Computer Science Fundamentals T9706A/B
Grade 9-12, 1 credit, Level 1
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. Independent long term projects are completed after the 1st 9 weeks with teacher directed deadlines.
Prerequisite: None
Pre-AP Computer Science 1  
FC110A/B  
Grade 9-12, 1 credit, Level 2  
This is an introductory course to the fundamental concepts of Computer Science which leads into AP Computer Science. This object-oriented programming class uses the Java programming language to discuss basic concepts of programming.  
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 LOTE graduation requirements. Check with the college you plan on attending to see if this will count for admissions.  
Prerequisite or concurrent enrollment:  Geometry

AP Computer Science A  
MA520A/B  
FCSAPA/B  
Grade 10-12, 2 credits, Level 3  
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. 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 LOTE graduation requirements. Check with the college you plan on attending to see if this will count for admissions.  
Prerequisite:  Pre-AP Computer Science 1

AP Computer Science Principles  
T9820A/B  
Grade 9-12, 1 credit, Level 3  
AP Computer Science Principles introduces students to the central ideas of computer science, instills the ideas and practices of computational thinking and invites students to understand how computing changes the world. The rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using simulations to explore questions that interest them. Students design and implement innovative solutions using an iterative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life.  
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 LOTE graduation requirements. Check with the college you plan on attending to see if this will count for admissions.  
Prerequisite:  Algebra I
Computer Science 2
Grade 10-12, 1 credit, Level 2
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 second semester college-level course in Computer Science.
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 LOTE graduation requirements. Check with the college you plan on attending to see if this will count for admissions.
Prerequisite: Pre-AP Computer Science 1 with mastery of 80 or higher

Mobile Application Development
Grade 10-12, 1 credit, Level 2
This course will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices. Students will collaborate with one another, their instructor, and various electronic communities to solve problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards.
Prerequisite: Pre-AP Computer Science 1

Independent Study: Advanced Computer Graphics Programming and Gaming
Grade 11-12, 1 credit, Level 3
This course continues the Java-based Computer Science curriculum reinforcing the concepts of data structures through video gaming assignments. Through collaborative efforts, students will develop various games from existing programs, as well as creating new, programs to reinforce proper object-oriented programming. Concepts covered include 2D and 3D graphics, artificial intelligence, stacks and queues, icon editor, sprite animation, threads, Model View Controlling, and multitasking programming. Students are required to journal daily as well as complete a formal presentation each grading period.
Prerequisite: AP Computer Science A with of mastery of 80 or higher or instructor approval

Independent Study of Programming Languages
Grade 11-12, 1 credit, Level 3
The independent study course allows the advanced programming student the opportunity to become fluent in various programming languages including but not limited to C, C++, FORTRAN, Python and Pascal. Students are required to journal daily as well as complete a formal presentation each grading period.
Prerequisite: AP Computer Science A with mastery of 80 or higher or instructor approval
Independent Study in Tech Apps 3
Grade 11-12, 1 credit, Level 3
The independent study course allows the advanced programming student the opportunity to study advanced/emerging technologies. Students are expected to procure a mentor in the industry who will provide guidance and tutelage throughout the year. Students are required to report to their teacher in a formal presentation: skills they are acquiring, projects they are working on and the benefits of working for/with their mentor.
Prerequisite: Independent Study Tech Apps 2 with mastery of 80 or higher and teacher approval

Instructional Technology Support (Independent Study)
INSTTA/B
Grade 11-12, 1 credit, Level 1
Instructional Technology Support prepares students to adapt to emerging technologies used in the global marketplace. Students will enhance their reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment. The applications used include word processing, spreadsheets, database, presentation, Chrome apps and extensions, and design and web publishing. Students write and present, building their ability to communicate effectively with a range of audiences, and work in teams learning to function effectively together to accomplish a common goal.
Prerequisite: Application

Transportation, Distribution & Logistics

Automotive Technology I: Maintenance and Light Repair
AUTO1A/B
Grade 11-12, 2 credits, Level 1
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 successful classroom curriculum is completed.
Prerequisite: Program qualification form

Automotive Technology II: Automotive Service
AUTO2A/B
Grade 12, 2 credits, Level 1
This course includes knowledge of the function of the major automotive systems, history of the automobile, and the principles of diagnosing and servicing all major automotive systems. Students are required to take an ASE student certification exam and the S/P2 (Safety and Environmental certification exams).
Prerequisite: Automotive Technology I and program qualification form

Foundational Concepts of Aviation
AVCFND
Dual Credit AVTC 1003, 3 college hours
Grade 11-12, 0.5 credit, Level 3
This course is an overview of the aviation profession and the vehicles used for powered flight. Topics include attributes of an aviation professional, airman qualifications privileges and limitations, career opportunities, ethics, technical publications, weight and balance from the technician’s perspective, aircraft configuration, and operational capabilities. A study of the early history of powered flight is also included.

Prerequisite: Acceptance into LeTourneau University - registration required

**Powerplant Systems for Pilots**  
AVPPSP  
Dual Credit AVTC 2013  
Grade 11-12, 0.5 credit, Level 3, 3 college hours  
An overview of the theory, principles of operation, and control of reciprocating and turbine powerplants and related systems.  
Prerequisite: Foundational Concepts of Aviation, acceptance into LeTourneau University - registration required

**Aircraft Systems for Pilots**  
AVTC03  
Dual Credit AVTC 2003  
Grade 11-12, 0.5 credit, Level 3  
An overview of airframe systems such as aircraft electrical systems, fuel systems, cabin atmosphere control systems, instrument systems communication and navigation systems, ice and rain control systems, fire protection systems, and aircraft inspection requirements.  
Prerequisite: Foundational Concepts of Aviation, acceptance into LeTourneau University - registration required

**Flight Science I**  
AERF11  
Dual Credit AERF 1113, 3 college hours  
Grade 11-12, 0.5 credit, Level 3  
A study of the basics in flight, including aerodynamics, aircraft systems, weight and balance, charts, navigation, flight planning, regulations and weather. Successful completion of the course completes requirements to take the Federal Aviation Administration Private Pilot Knowledge exam.  
Prerequisite: Foundational Concepts of Aviation, acceptance into LeTourneau University - registration required

**Career Development**

**Career Preparation I**  
CRPR1A/B  
Grade 11-12, 3 credits, Level 1  
Students explore career options through cooperative, work-based learning while receiving related classroom instruction in workplace readiness skills and occupationally specific, technical-related study. Students must be 16 years old, have personal transportation, be employed at least 15 hours per week, work 10 of those hours during the school week, and maintain the same job the entire year unless they have teacher approval to change jobs in order to receive credit.  
Prerequisite: Program qualification form, teacher approval, employment
Career Preparation II

Grade 12, 3 credits, Level 1

Students explore career options through cooperative, work-based learning while receiving related classroom instruction in workplace readiness skills and occupationally specific, technical-related study. Students must be 16 years old, have personal transportation, be employed at least 15 hours per week, work 10 of those hours during the school week, and maintain the same job the entire year unless they have teacher approval to change jobs in order to receive credit.

Prerequisite: Program qualification form, teacher approval, employment

Prosper ISD offers Career and Technical Education Programs for Prosper High School 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.

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, Valerie Little, Director of Athletics, 301 Eagle Drive, Prosper, TX 75078 (469) 219-2215 and/or the Section 504 Coordinator, Alexis Webb, Director of Program Evaluation and Curriculum Support, 605 E. Seventh Street, Prosper, TX 75078 (469)219-2000

Notificación Pública de No Discriminación en los Programas de Educación de Carreras y Carreras Técnicas

El Distrito Independiente de Prosper ofrece programas de educación en carreras y carreras técnicas para los estudiantes de la Escuela Secundaria de Prosper en Agricultura, Recursos Naturales, Arquitectura, Artes Culinarios, Artes, Tecnología y Comunicaciones, A/V, Administración y Manejo de Negocios, Educación y Entrenamiento, Finanzas, Ciencias de la Salud, Hospitalidad y Turismo, Servicios Humanos, Leyes, Fabricación, Seguridad Pública, Asesor de Seguridad, Mercadeo, STEM y Transportación, Distribución y Logística. La admisión a estos programas es basada en interés y aptitud, en la edad apropiada y el espacio disponible en cada clase.


El Distrito Independiente de Prosper tomará pasos para asegurarse que la falta de destrezas en el idioma Inglés, no será una barrera para su admisión y participación en todos los programas de educación y carreras técnicas. El Distrito Independiente de Prosper ofrece educación apropiada a estudiantes elegibles.

Para más información sobre los derechos o procedimientos y quejas, por favor comuníquese con el Coordinador de Título IX, Valerie Little, Directora de Atletismo, 301 Eagle Drive Prosper, TX 75078 (469) 219-2215 y/o la Coordinadora de la Sección 504, Alexis Webb, Directora de Evaluación de Programa, 605 E. Seventh Street, Prosper TX 75078, (469)219-2000.
Physical Education/Athletics

Physical Education

Aerobic Activities  PEAAA/B
Grade 9-12, 1 credit, Level 1
Aerobic Activity will be structured as a group fitness class; focusing on Zumba, Pilates, Cardio Kickboxing and circuit-style strength training. Through this training, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. *Students must provide a yoga mat.
Prerequisite: None

Adventure/Outdoor Education  PEAOAA/B
Grade 9-12, 1 credit, Level 1
Students enrolled in Adventure/Outdoor Education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.
Prerequisite: None

Foundations of Personal Fitness  PEFONA/B
Grade 9-12, 0.5 credit, Level 1
This course is designed to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. Knowledge and skills taught in this course include the process of becoming physically fit based on the understanding of the physiological factors involved in exercise that incorporate muscular strength and endurance, flexibility, and cardiovascular health. Students will actively participate to reinforce knowledge for lifetime fitness. All students enrolled in PE are required to dress appropriately for physical activity.
Prerequisite: None

Partners Physical Education  PEPA1A/B
Grade 9-12, 0.5 credit, Level 1
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 aide in providing instruction to our students with disabilities. Students who receive credit for this course cannot also enroll Individual Sports.
Prerequisite: None
**Individual Sports**  
Grade 9-12, 0.5 credit, Level 1  
This course broadens the appreciation of and the ability to participate in lifetime sports. Selections may include the following sports or a combination of sports: tennis, golf, weight lifting, aerobics, table tennis, badminton, and recreational games. All students enrolled in PE are required to dress appropriately for physical activity. Students who receive credit for this course cannot also enroll in Partners Physical Education.  
Prerequisite: None  

**Weightlifting**  
Grade 9-12, 1 credit, Level 1  
In Physical Education, students acquire movement knowledge and skills that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student learns a physically active lifestyle and understands the relationship between physical activity and health throughout the lifespan.  
Prerequisite: None  

**Cheer**  
Grade 9-12, 1 credit, Level 1  
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.  
Prerequisite: Tryout  

**Off-Campus PE**  
Grade 9-12, 0.5 credit, No GPA credits  
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.

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:

<table>
<thead>
<tr>
<th>Baseball</th>
<th>Golf</th>
<th>Tennis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basketball</td>
<td>Powerlifting</td>
<td>Track and Field</td>
</tr>
<tr>
<td>Cross Country</td>
<td>Soccer</td>
<td>Volleyball</td>
</tr>
<tr>
<td>Diving</td>
<td>Softball</td>
<td>Wrestling</td>
</tr>
<tr>
<td>Football</td>
<td>Swimming</td>
<td></td>
</tr>
</tbody>
</table>

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.

Course Number - Counselor will add students to the course after coach approval
Grade 9-12, .5 credit(up to a maximum of 4 credits), Level 1
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 April 1, 2019 for participation in athletics for the 2019-2020 school year. Physicals must be completed on the official UIL physical form. PISD athletics will provide an opportunity for students to receive a physical at a cost of $20 in April/May. 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 and Saturdays.
- 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

**Partners Physical Education- Peer Assistance**
Grade 9-12, 0.5 credit, Level 1
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 aide in providing instruction to our students with disabilities. Students who receive credit for this course cannot also enroll Individual Sports.
Prerequisite: Application

**Prosper Career Independent Study I**
Grade 11-12, 1 credit, Level 3
Students focus their study on a career topic of their choice. Course expectations include the development of an extensive research portfolio and written assessments of interviews and/or observations of people who work in that career field. PCIS is an academically rigorous course that receives weighted credit.
Prerequisite: Application, teacher recommendations, interview

**Prosper Career Independent Study II**
Grade 12, 1 credit, Level 3
Students focus their study on a career topic of their choice. Course expectations include the development of an extensive research portfolio and written assessments of interviews and/or observations of people who work in that career field. PCIS is an academically rigorous course that receives weighted credit.
Prerequisite: PCIS1A/B, application, teacher recommendations, interview

**Sports Medicine I**
Grade 9-12, 1 credit, Level 1
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
UIL Prep  UILPRA/B
Grade 9-12, 1 credit, Level 2
The UIL/MAPS course will provide students an opportunity to develop subject specific academic skills as well as general study and testing strategies, all with a focus on the UIL academic contests. Students are encouraged to ask their counselors for placement into sections taught by an academic coach in their contest subject area, or a closely related one. Section teacher requests may depend on student’s other courses.
Prerequisite: None

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

Senior Release Period
Seniors who are on track to earn the required number of credits to graduate on time, and who have appropriate discipline may choose to have a release period. Seniors may choose to be off first period, last period, or first and last period as their individual schedules allow. Seniors who select this option must provide their own transportation to arrive or leave campus. No credit is awarded for senior release periods.
Prerequisite: None
# Personal Graduation Plan Overview

## Student Name: ____________________________

Expected Graduation Date: ____________________________

### Endorsement Selected:
- STEM
- Arts & Humanities
- Business & Industry
- Multidisciplinary
- Public Services

### Endorsement Courses - 4 credits
1. Course 1 ____________________________
2. Course 2 ____________________________
3. Course 3 ____________________________
4. Course 4 ____________________________

### English Language Arts - 4 credits
- English I
- English II
- English III
  - Advanced English (choose 1)
    - English IV (including AP)
    - Other ____________________________

### Social Studies - 4 credits
- World Geography (9th)
- World History (10th)
- US History (11th)
- Government (12th - 1 semester)
- Economics (12th - 1 semester)

### Languages Other Than English - 2 credits
- Spanish
- French
- Latin
- American Sign Language
- Computer Science

### Fine Arts - 1 credit
- Art
- Dance
- Music (Band, Choir, Orchestra)
- Theatre
- Floral Design
- Digital Art and Animation

### Physical Education - 1 credit
- (Includes athletics and some fine arts courses)

### Mathematics - 4 credits
- Algebra I (required)
- Geometry
- Algebra II
  - Advanced Math (choose 1)
    - Precalculus
    - AP Computer Science
    - AQR
    - AP Statistics
    - AP Calculus AB
    - Statistics and Business
    - College Prep Math
    - Accounting II
    - Manufacturing Engineering II

### Science - 4 credits
- Biology
- Chemistry
  - Advanced Science (choose 2)
    - Physics
    - Environmental Systems
    - Earth and Space Science
    - AP Biology
    - AP Chemistry
    - AP Physics
    - Advanced Plant and Soil
    - Anatomy and Physiology
    - Pathophysiology
    - Forensic Science

### Elective Courses (2-6 credits)
- Elective 1 ____________________________
- Elective 2 ____________________________
- Elective 3 ____________________________
- Elective 4 ____________________________
- Elective 5 ____________________________
- Elective 6 ____________________________

### STAAR EOC Checklist:
- English I
- English II
- Biology
- Algebra I
- US History