The Plano ISD website address for the Course Catalog is as follows: https://www.pisd.edu/coursecatalogs. The website contains the current year, including any revisions after printing, as well as previous years for student / parent reference.

It is the policy of Plano ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. Plano ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. Plano ISD will take steps to ensure cost will not prevent access to programs.

Cover Design Created by Mallory Fontanilla
Graphic Design & Illustration Student, Plano Senior High School
Dear Students and Parents:

Plano Independent School District offers a strong foundation for a lifetime of learning, providing opportunities for all students to experience success beyond graduation. This high school course catalog has been prepared to assist students in making wise decisions concerning programs and course choices during their secondary years.

Parents and students are urged to review carefully the information contained in this catalog and to work closely with school counselors to develop four-year, state-recommended educational plans. To assist in the planning process, the catalog includes a description of each course and its requirements in the secondary program.

With careful and thoughtful planning, along with strong communication with teachers, counselors, administrative staff and parents, students will be well on their way to achieving success in a Plano ISD secondary school.

Sincerely,

Dr. Brian T. Binggeli
Superintendent of Schools
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# CAREER & TECHNICAL EDUCATION

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<td>Arts, Audio/Visual Technology and Communications</td>
<td>96</td>
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<td>Business, Management and Administration</td>
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## INDEX BY COURSE NAME

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<th>Page</th>
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STAAR EOC Assessments and Your Graduation Plans

Successful completion of STAAR End of Course (EOC) assessments is required to earn a state diploma.

**English Language Arts:**
- English I EOC
- English II EOC

**Mathematics:**
- Algebra I EOC

**Science:**
- Biology EOC

**Social Studies:**
- US History EOC
Grade Point Average (GPA) Chart

Plano ISD
043910

Academic Achievement:
Class Ranking

Grade points for grades 9 – 12 shall be assigned according to the chart below:

<table>
<thead>
<tr>
<th>Numerical Grade</th>
<th>AP / IB*</th>
<th>Pre-AP / IH / Honors*</th>
<th>Regular</th>
<th>Modified</th>
<th>Applied/Fundamental</th>
</tr>
</thead>
<tbody>
<tr>
<td>97 &amp; above</td>
<td>5.0</td>
<td>4.5</td>
<td>4.0</td>
<td>3.5</td>
<td>2.5</td>
</tr>
<tr>
<td>93 – 96</td>
<td>4.8</td>
<td>4.3</td>
<td>3.8</td>
<td>3.3</td>
<td>2.3</td>
</tr>
<tr>
<td>90 – 92</td>
<td>4.6</td>
<td>4.1</td>
<td>3.6</td>
<td>3.1</td>
<td>2.1</td>
</tr>
<tr>
<td>87 – 89</td>
<td>4.4</td>
<td>3.9</td>
<td>3.4</td>
<td>2.9</td>
<td>1.9</td>
</tr>
<tr>
<td>83 – 86</td>
<td>4.2</td>
<td>3.7</td>
<td>3.2</td>
<td>2.7</td>
<td>1.7</td>
</tr>
<tr>
<td>80 – 82</td>
<td>4.0</td>
<td>3.5</td>
<td>3.0</td>
<td>2.5</td>
<td>1.5</td>
</tr>
<tr>
<td>77 – 79</td>
<td>3.8</td>
<td>3.3</td>
<td>2.8</td>
<td>2.3</td>
<td>1.3</td>
</tr>
<tr>
<td>73 – 76</td>
<td>3.6</td>
<td>3.1</td>
<td>2.6</td>
<td>2.1</td>
<td>1.1</td>
</tr>
<tr>
<td>71 – 72</td>
<td>3.4</td>
<td>2.9</td>
<td>2.4</td>
<td>1.9</td>
<td>1.0</td>
</tr>
<tr>
<td>70</td>
<td>3.0</td>
<td>2.5</td>
<td>2.0</td>
<td>1.5</td>
<td>1.0</td>
</tr>
<tr>
<td>Below 70</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

* EIC (EXHIBIT) for identified courses and grade points.

Plano ISD calculates class rank at the following times during the school year:

High School Class Rank¹
  9th Grade - Spring rank available in February
  10th Grade - Spring rank available in February

Senior High School Class Rank¹
  11th Grade - Spring rank available in February
  11th Grade - End of Junior Year rank available in June
  12th Grade - Fall rank is available in September
  12th Grade - Spring rank available in February
  12th Grade - Final class rank after the third nine-week grading period

The grade earned in a nine weeks grading period transfers when a student changes levels, i.e., honors to regular, regular to honors, etc.

¹Subject to change.
College/Career Preparation Timeline

<table>
<thead>
<tr>
<th>Grades</th>
<th>Goals and Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grades 6 – 7</td>
<td>Begin to investigate college/career goals and objectives.</td>
</tr>
<tr>
<td>Grade 8</td>
<td>Plan a four-year high school academic program and become aware of the 16 career clusters. Each student attends an academic conference with parents and a school counselor during which course selections are chosen for the high school years. Review college websites and publications, which give college profiles and entrance requirements. Take advantage of district programs. Start researching scholarships and financial planning. Become aware of transcripts, grade point average, and graduation requirements. Attend evening parent meetings regarding academic planning and college admission.</td>
</tr>
<tr>
<td>Grade 9</td>
<td>Re-evaluate career goals and objectives. Review academic four-year plan and begin building a high school transcript. Research colleges and universities of interest. Attend campus evening meetings about post-secondary planning and college admission.</td>
</tr>
<tr>
<td>Grade 10</td>
<td>Review academic plan. Re-evaluate goals and objectives. Participate in an individual academic conference with parent(s) and the high school counselor to decide on courses for the 11th grade. Take advantage of district programs. Review college websites and publications, which give college profiles and entrance requirements. Start researching scholarships and financial planning. Attend campus evening meetings about post-secondary planning and college admission. Take PSAT in October. Free test review materials may be found at <a href="https://www.khanacademy.org/sat">https://www.khanacademy.org/sat</a>.</td>
</tr>
<tr>
<td>Grade 11</td>
<td>Review academic plans and narrow college choices. Participate in an individual academic conference with parent(s) and the senior high school counselor to decide on courses for the senior year and to discuss post-graduation plans. Attend College Nights in September. Take PSAT in October (National Merit Qualifying Test). Free test review materials may be found at <a href="https://www.khanacademy.org/sat">https://www.khanacademy.org/sat</a>. Take the SAT or ACT in the late spring. Explore scholarship opportunities.</td>
</tr>
<tr>
<td>Grade 12</td>
<td>Review post-secondary options. Confer with counselor in early fall. Attend College Nights in September. Take SAT and/or ACT in early fall. Send applications early in the fall semester. Be mindful of college application deadlines. Submit housing application in the early fall. Attend financial aid programs and begin financial aid process in October. Send federal financial aid applications beginning in October. Submit scholarship applications beginning in the fall.</td>
</tr>
</tbody>
</table>

A web-based tool, Naviance, is used by students, parents, and Plano ISD staff to assist students with college and career readiness. All students receive an access code and tasks are assigned at each grade level. Naviance provides college and career search and exploration; resume building tips; and information on the college admission process. Through the Naviance Family Connection students may request letters of recommendation, manage college applications, access scholarship information, and complete tasks that will enhance the college and career preparation experience.

Another resource, University Ready, is designed to aid Plano students and parents as they prepare for all aspects of post-secondary experience. Be sure to take time to investigate Plano ISD’s University Ready at [http://ur.pisd.edu/index.shtml](http://ur.pisd.edu/index.shtml) as a resource tool during your college preparation years.

High School Program

**Acceleration**
Students may request to take credit by exam for acceleration. In the areas of English, math, science, social studies, or languages other than English, students who choose to accelerate beyond the course offerings available at a campus may be granted access to the next course in the typical sequence depending on course availability. There is no guarantee that the next course in the sequence will be available at either the home campus or another campus, and no transportation or scheduling solutions are guaranteed. Access to courses beyond the typical sequence is granted only for the next course in the sequence.

See the school counselor for more information. More information on credit by exam can be found at [https://www.pisd.edu/cbe](https://www.pisd.edu/cbe)

**Advanced Placement Program**
The Advanced Placement (AP) Program of the College Board enables students to complete college-level studies at Plano East Senior High, Plano Senior High and Plano West Senior High Schools. A limited number of advanced placement courses may be offered on the high school campuses. This "academic bridge" helps smooth the transition from high school to college. The primary goals of the AP Program are to enrich the secondary school experience of students ready to apply themselves to college-level courses and to provide the means by which colleges may grant credit or placement, or both, to students with satisfactory AP test scores. Before students may withdraw from an honors or other advanced level course, they must have time to understand the course’s related concepts and skills, and teachers must have an opportunity to help students grow into the course expectations. Students enrolled in advanced courses requesting a course withdrawal must complete an “Advanced Course Withdrawal" form provided by their counselor.

**Consumable Supply Fee**
These fees are charged to students participating in specific classes and activities for consumable supplies that an individual student will use throughout the school year as part of their daily instruction.

**Correspondence Courses, Night School, and Summer School**
Credits for high school graduation may not be earned until after the 8th grade year through Correspondence (courses are accepted from Texas Tech University and University of Texas at Austin), Night School, or Summer School courses. Grade points are awarded for Night School and Summer School. Grade points will not be awarded for Correspondence Courses. Students taking correspondence courses, night school, and/or summer school will take the STAAR EOC assessments required for graduation. Please see page 3 for a listing of these assessments.

**Course Average**
According to district policy, EI (LOCAL);

*Semester credit for full year courses*: with the exception of high school credit courses taken in middle school, if a student earns credit for one semester of a one-credit course by earning a grade of 70 or above but fails to earn a grade of 70 or above for the other semester, the 0.5 credit earned shall not be deducted.

*Awarding credit through averaging*: with the exception of high school credit courses taken in middle school, a student may be awarded credit for a full year course by either earning a grade of 70 or above in both semesters or by earning a grade of 70 or above when both semester grades are averaged together. Averaging of the two semesters may only be applied the first time a student takes each semester of the course.

**Dual Enrollment Courses**
Plano ISD has a dual enrollment agreement with Collin College. More information will be available through the high school and senior high school counseling departments.

**Elective Courses**
In addition to these required courses, students may choose other courses to complete their schedules. The number of elective courses that students may choose varies from year to year.
eSchool
Students may earn a total of three credits through correspondence and/or eSchool online courses. More information can be found in this course catalog and/or accessed on the website at http://www.planoisdeschool.net/. Currently enrolled Plano ISD students must follow the approval process for these courses through their school counselor. Credits for high school graduation may not be earned until after the 8th grade year. Grade points will not be awarded for eSchool courses.

Honors/Pre-Advanced Placement Courses
A differentiated honors curriculum includes a wider range and greater depth of subject matter than that of the regular course. Emphasis is placed on higher level and critical thinking skills, on creative, productive thinking and on independent guided research. Before students may withdraw from an honors or other advanced level course, they must have time to understand the course’s related concepts and skills, and teachers must have an opportunity to help students grow into the course expectations. Students enrolled in advanced courses requesting a course withdrawal must complete an “Advanced Course Withdrawal” form provided by their counselor.

International Honors/International Baccalaureate (Grades 9 – 10)
The International Honors (IH) program is a locally developed series of courses taken in the 9th and 10th grade years and is designed to prepare students for the challenges of the International Baccalaureate (IB) Full-Diploma Program. IB is an internationally recognized, comprehensive two-year study taken in the 11th and 12th grade years. Please refer to the following link for detailed information: http://ib.pisd.edu/.

Local/No State Credit Courses
Local credit courses are approved by the Board of Trustees for local credit only. These courses do not count toward state graduation requirements. Local credit courses cannot be used to fulfill the minimum number of credits on any graduation requirements plan. Local credit courses are not included in the calculation of the Grade Point Average (GPA).

Promotion Policy
Promotion guidelines for students graduating in 2011 and after are as follows:
1. From the ninth grade, a student must have acquired six credits.
2. From the tenth grade, a student must have acquired 13 credits, including two credits of English (English I and English II) and one credit of Algebra I, one credit of Geometry, one credit of Biology, and one credit of social studies (World Geography or World History).
3. From the 11th grade, a student must have acquired 19 credits.

Required Courses
These courses are required to fulfill state educational guidelines. A course may or may not have a prerequisite; a perquisite is a course that must be taken prior to the course under consideration.

Textbooks
Each student is responsible for his/her textbooks issued by their school and is responsible for payment for lost and/or damaged textbooks occurring in the school year. No textbooks are distributed from the campuses for the following: Credit by Exam, correspondence courses, eSchool courses and concurrent enrollment courses.
Programs

Athletic Program
The Plano ISD offers a wide range of University Interscholastic League competitive sports in which the students may participate. (Some activities will require tryouts to select team members.) In order to participate or compete in a UIL sport, the sport must be reflected on the student’s class schedule.

Completion of a medical history/physical examination is required prior to tryouts/participation. Additional parent permission forms are required prior to participation. Students must meet state mandated academic and attendance requirements to be eligible to participate in extracurricular activities.

Boys’ Sports
- Baseball *
- Basketball *
- Cross Country
- Diving *
- Football
- Golf *
- Soccer *
- Swimming *
- Tennis *
- Track
- Wrestling

Girls’ Sports
- Basketball *
- Cross Country
- Diving *
- Golf *
- Soccer *
- Softball *
- Swimming *
- Tennis *
- Track
- Volleyball *

* These sports normally require tryouts.

Your Responsibility as a Prospective Student Athlete
If you are planning to enroll in college as a freshman and you wish to participate in Division I or Division II athletics, you must be registered and certified by the NCAA Eligibility Center after completion of the student’s junior year. The Eligibility Center was established as a separate organization by the NCAA member institutions in January 1993 and ensures consistent interpretation of NCAA initial eligibility requirements for all prospective student athletes at all member institutions. Credit by Exam will not count towards NCAA eligibility requirements. See the website site at www.ncaaeligibilitycenter.org for more information.

AVID Program (Advancement Via Individual Determination)
The AVID course is designed to prepare students for success in postsecondary education. AVID I, II, III and IV provide support and skill development in areas specifically aligned with success in rigorous courses in the content areas. A recommendation, application and interview are required. Students must be accepted into the AVID program.

Cheerleading Program
Tryouts for cheerleading are held during the spring semester of the preceding year. All students must meet the criteria set up by the PISD guidelines. Interested students should contact the individual school campus cheerleading sponsor/coach, as tryout packets are available as early as February. Tryouts are conducted during the 3rd nine weeks grading period if possible. For district cheerleader guidelines see https://www.pisd.edu/cheerleader.guidelines.pdf

Drill Team Program
Tryouts for drill team are held during the spring semester of the preceding year. All students must meet the criteria set up by the PISD guidelines. Interested students should contact the individual school campus drill team director. Tryout packets for drill team are available as early as January. Tryouts are usually held during the 3rd nine weeks grading period. For district drill team operational and tryout guidelines see https://www.pisd.edu/drill.team.guidelines.pdf
English as a Second Language (ESL)
ESL classes, which focus on intensive development of listening, speaking, reading, and writing skills in English, are offered to English Language learners at all secondary campuses. Students who qualify for ESL services may enroll in ESL classes. The ESL program shall be an integral part of the regular educational program. State-adopted English as a second language instructional materials and supplementary materials are used as curriculum tools. This program is aligned with the district’s general education literacy program.

Gifted and Talented Program
Gifted and talented services are provided for each student who meets eligibility requirements. The high school gifted student is served through the PACE Humanities I and II, honors, IH/PreAP, American Studies, advanced placement and International Baccalaureate courses. In addition, specific subject honors courses and fine arts electives provide challenge and enrichment for these students. Presentation and research projects are important components of all PACE classes.

Junior ROTC
The mission statement of The United States Army Junior Reserve Officers’ Corps (JROTC) is “To Motivate Young People to be Better Citizens”. The program is designed to teach high school students character education, student achievement, wellness, leadership, and diversity. The JROTC program provides extracurricular opportunities for local, state and national competition in the following categories: color guard, unarmored drill, armed drill, physical fitness, academic, leadership, and air rifle. Through these teams, the students have the opportunity to earn a varsity letter jacket. There is NO military service requirement for participating in JROTC. Enrollment in four years of JROTC may earn the Public Services Endorsement.

Special Education Services Program
Special education services are provided for each student who meets eligibility requirements. Consideration of a student’s eligibility for special education services is initiated by a referral to the Campus Monitoring and Intervention Team, which may be requested by parents, school personnel or outside agencies. Parental consent is required prior to assessment, and again, prior to placement in special education.

Components of the special education process include:
- Determining whether a student meets special education eligibility through formal assessment, data collection and determination of educational need
- Preparing an Individualized Education Program (IEP) for each student based on needs, if eligibility is determined
- Implementing the IEP in the least restrictive environment
- Annually evaluating the student’s progress and developing the IEP to address the student’s needs

Special Education services are provided under state and federal guidelines. Special Education offers specially designed instruction and a full continuum of services to meet a variety of student needs. Programs range from fully self-contained learning environments to support in general education classrooms. A student’s graduation plan, developed by the ARD/IEP Committee, determines how the student will meet credit and curriculum requirements of the state and district for graduation.
Physical Education Equivalent (Substitutions)

One credit of physical education is required for graduation by the state of Texas; however, a student may earn up to 4 credits of PE toward graduation.

In addition to the regular physical education courses, there are several ways to accumulate this credit:

**Athletics** – A student who successfully completes athletics receives physical education equivalent credit for each semester of athletics. Eight semesters of athletics or 4 credits may count toward state graduation requirements.

**Cheerleading** – A student who successfully completes cheerleading both fall and spring semesters will receive 1 credit of substitution toward the physical education state graduation requirement. The next year’s credit for cheerleading will be awarded through enrollment in gymnastics. For students interested in participating in a U.I.L. sport simultaneously, please see your school counselor for clarification.

**Drill Team** – A student who successfully completes drill team both fall and spring semesters will receive 1 credit of substitution toward the physical education state graduation requirement. The next year’s credit for drill team will be awarded through enrollment in Dance for PE or Fine Arts credit.

**Junior ROTC** – A student who successfully completes JROTC may receive a substitution for the state PE requirement (1 credit) through participation in two semesters of the JROTC.

**Marching Band** – A student who successfully completes marching band during the FALL semester may receive a PE substitution of .5 credit of the state physical education requirements, up to 1 credit.

**Off-Campus PE** – The purpose of the Off-Campus Physical Education Program is to accommodate students who are making a serious effort to develop high-level capabilities and to allow those students to be involved in a program that provides training exceeding that offered in the school district. The student is taking this course for physical education credit and he/she may not be enrolled in athletics while participating in the Off-Campus Physical Education Program. A maximum of 4 credits can be earned towards state high school graduation requirements. A student interested in this program should contact his/her school counselor for the application, guidelines, and enrollment dates concerning off-campus physical education.

Off-campus physical education currently considers the following activities: archery, art skating, badminton, dance, equestrian, fencing, gymnastics, ice hockey, ice skating, lacrosse, martial arts, golf*, rock climbing, rowing, squash, swimming, tennis, track cycling and table tennis. There is a fee for participation in the off-campus physical education program. The student must participate in his/her activity, **under professional supervision, a minimum of 10 hours each week for Category 2 (cannot leave campus) or a minimum of 15 hours for Category 1 (can leave campus one class period early) at one approved agency**. The student must participate in the sport at least **a minimum of four (4) days during the week (Monday through Friday) plus one (1) additional day** that may fall on either the weekend or during the week for a total of five (5) days per week. *Please contact program coordinator for information.
Advanced Classes Identified for No-Pass, No-Play Exemption
Texas Education Agency/University Interscholastic League Academic Requirements (No Pass, No Play)

A student who receives, at the end of any six weeks grading period, a grade below 70 in any academic class (other than an identified advanced class) may not participate in extracurricular activities for at least three school weeks. An ineligible student may practice or rehearse, however. The student regains eligibility when the principal and teachers determine that he or she has: (1) earned a passing grade (70 or above) in all academic classes and (2) completed the three school weeks of ineligibility.

All students are eligible during a school holiday of a full calendar week or more. When the bell rings to dismiss students for the December holidays, all students are eligible until classes resume in January. The same is true for the summer recess and spring break provided those breaks consist of at least a full calendar week.

The 80th Texas Legislative Session passed SB 1517 in May, 2007, which amends Section 33.081 of the Education Code restricting the courses that are now considered waivable. Senate Bill 1517 defines that the exemption only “applies to an advanced placement or international baccalaureate course, or to an honors or dual credit course in the subject areas of English language arts, mathematics, science, social studies, economics, or a language other than English.” Please see the newly defined list of waivable courses below.

### Middle School Waivable Courses

<table>
<thead>
<tr>
<th>English Language Arts</th>
<th>Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language Arts Grade 7 Honors</td>
<td>Science Grade 7 Honors</td>
</tr>
<tr>
<td>English Language Arts Grade 8 Honors</td>
<td>Science Grade 8 Honors</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td><strong>Languages Other than English</strong></td>
</tr>
<tr>
<td>Math Grade 6 Honors</td>
<td>Spanish III Honors</td>
</tr>
<tr>
<td>Math Grade 7 Honors</td>
<td>Spanish IV AP</td>
</tr>
<tr>
<td>Algebra I Honors</td>
<td></td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td></td>
</tr>
<tr>
<td>PACE Social Studies Grades 6, 7, 8</td>
<td></td>
</tr>
</tbody>
</table>

### High School/Senior High School Waivable Courses

<table>
<thead>
<tr>
<th>Advanced Placement Courses All</th>
<th>International Baccalaureate Courses All</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language Arts</td>
<td>Science</td>
</tr>
<tr>
<td>English I Honors or IH</td>
<td>Biology Honors/IH/PreAP</td>
</tr>
<tr>
<td>English II Honors or IH</td>
<td>Chemistry Honors/IH/PreAP</td>
</tr>
<tr>
<td>English III Honors</td>
<td>Physics Honors/IH/PreAP</td>
</tr>
<tr>
<td>English IV Honors</td>
<td>Scientific Research and Design Honors</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td><strong>Social Studies</strong></td>
</tr>
<tr>
<td>Algebra II Honors/PreAP or IH</td>
<td>Sociology Honors</td>
</tr>
<tr>
<td>Geometry Honors/PreAP or IH</td>
<td>World History Honors/IH/PreAP</td>
</tr>
<tr>
<td>Pre-Calculus</td>
<td>World Geography Honors/IH/PreAP</td>
</tr>
<tr>
<td>Pre-Calculus Honors/PreAP or IH</td>
<td></td>
</tr>
<tr>
<td><strong>Languages Other Than English</strong></td>
<td><strong>Gifted and Talented</strong></td>
</tr>
<tr>
<td>Chinese II Honors</td>
<td>Humanities I English I GT</td>
</tr>
<tr>
<td>Chinese III Honors</td>
<td>Humanities II World History AP GT</td>
</tr>
<tr>
<td><strong>French</strong></td>
<td>American Studies</td>
</tr>
<tr>
<td>French II Honors or IH</td>
<td>The Human Experience</td>
</tr>
<tr>
<td>French III Honors or IH</td>
<td></td>
</tr>
<tr>
<td>French V Honors</td>
<td></td>
</tr>
<tr>
<td><strong>German</strong></td>
<td><strong>Dual Credit</strong></td>
</tr>
<tr>
<td>German II Honors</td>
<td>Any dual credit course in English,</td>
</tr>
<tr>
<td>German III Honors</td>
<td>mathematics, science, social studies,</td>
</tr>
<tr>
<td><strong>Spanish</strong></td>
<td>economics, or a language other than</td>
</tr>
<tr>
<td>Spanish II Honors or IH</td>
<td>English.</td>
</tr>
<tr>
<td>Spanish III Honors or IH</td>
<td></td>
</tr>
</tbody>
</table>
Advanced Placement Program

What is AP?
The Advanced Placement (AP) Program of the College Board enables students to complete college-level studies at Plano East Senior High, Plano Senior High and Plano West High Schools. A limited number of Advanced Placement courses may be offered on the high school campuses. The primary goal of the AP Program is to extend the challenges of the secondary school experience to prepare students for a wide variety of post-secondary experience including, but not limited to, attendance at colleges and universities. Students with satisfactory AP test scores may earn college credit. For more information on the Advanced Placement Program please visit their website at: https://apstudent.collegeboard.org/exploreap/what-it-takes/student-voices

Benefits of AP
The benefits of the AP Program extend beyond students receiving college credit, placement, or both for exam performance. AP encourages critical and creative thought and fine-tunes analytical skills. It stretches students' reasoning ability. Students will experience depth and complexity in subject areas while also acquiring time management and study skills.

Enrolling in AP Classes
Students entering high school need to plan with their counselors to determine which AP courses would most benefit their long term academic goals. Most AP courses are one hour in length, the exceptions being AP Studio Art, AP Biology and AP Chemistry which require two-hour blocks of time. All AP courses earn advanced placement grade points.

Students pay an AP Examination fee per test in early spring; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. Please note: students taking an AP course are not required to sit for the exam.

Highly qualified teachers who have received advanced training through AP workshops, conference and university coursework teach these courses.

<table>
<thead>
<tr>
<th>Plano ISD offers the following AP courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
</tr>
<tr>
<td>Art – Two-Dimensional Design</td>
</tr>
<tr>
<td>Art – Three-Dimensional Design</td>
</tr>
<tr>
<td>Art – Drawing Portfolio</td>
</tr>
<tr>
<td>Biology</td>
</tr>
<tr>
<td>Chemistry</td>
</tr>
<tr>
<td>Physics 1</td>
</tr>
<tr>
<td>Physics 2</td>
</tr>
<tr>
<td>Physics C Mechanics</td>
</tr>
<tr>
<td>Physics C Electricity &amp; Magnetism</td>
</tr>
<tr>
<td>Environmental Science</td>
</tr>
<tr>
<td>Computer Science Principles</td>
</tr>
<tr>
<td>Computer Science A</td>
</tr>
<tr>
<td>Calculus AB</td>
</tr>
<tr>
<td>Calculus BC</td>
</tr>
<tr>
<td>Statistics</td>
</tr>
<tr>
<td>English Language and Composition</td>
</tr>
</tbody>
</table>

AP Exams
The examinations are structured to measure three areas – depth of knowledge, completeness of thought and synthesis of ideas. Approximately 1,200 institutions award credit based on the student’s AP examination scores. Exams are graded on a five-point scale with credit usually given for scores of 3 or higher. College credit is generally awarded upon a student’s enrollment, although some institutions award sophomore standing only after a student has completed satisfactory work on campus. The score requirement and number of college credit hours or placement credit awarded varies among universities and colleges. AP exams are offered in May.
Admission to and Exit from Gifted and Talented Program

I. Plano Independent School District offers educational opportunities for gifted and talented students in the four core areas. Plano’s Academic and Creative Education (PACE) program serves grades 6 – 8 in PACE History course. Students enrolled in grades 9-10 receive services through the Humanities class, with additional services offered through Advanced Placement courses. Students enrolled in grades 11 – 12 receive services through the American Studies course, with additional services offered through Advanced Placement and International Baccalaureate courses.

II. Procedure for Admission
All students new to PISD must follow the referral and assessment process to determine the need for gifted services. PACE students who transfer within the district automatically continue program placement.

A. The referral form (available at school or online using the following link: https://www.pisd.edu/giftededucation) is completed prior to the designated deadline. A student, parent, teacher, counselor, administrator or other professionals may make referrals.

B. Screening data is collected. Data may include the following:
   1. Ability test scores
   2. Achievement test scores
   3. Teacher recommendation
   4. Writing sample
   5. Additional parent information
   6. Grades
   7. Student portfolio
   8. Interview

C. Placement committee meets.

D. Parent(s) of placed students give written permission for program participation.

III. Procedure for Exit
A. Student progress is review and documented.

B. Conference(s) with student, parent(s) and professional are held.

C. The PACE Exit Form is completed and signed.

D. The campus placement committee meets.
Special Education Services

I. Plano Independent School District offers special education services for students from 3 through 21. Children with vision and hearing impairments may begin services at birth.

II. Procedures for Admission/Review/Dismissal/Transfer
A. Initial referrals
   1. Parents, school personnel or community agencies may make referrals for special education evaluations.
   2. All referrals are directed to the Campus Monitoring and Intervention Team (CMIT)
   3. The Campus Monitoring and Intervention Team collects information from teachers and parents.
   4. The Campus Monitoring and Intervention Team requests a Full Individual Evaluation (FIE) if there is a suspicion of a disability and an educational need for special education services.
   5. A meeting may be held prior to the evaluation for the purpose of defining the specific areas to be assessed.
   6. Parents or guardian must provide written consent for the evaluation. The district will provide consent forms that meet the state and federal requirements. The evaluation must be completed within 45 school days from the date the district receives written consent from the parent.
   7. The Admission, Review, Dismissal / Individualized Education Program (ARD/IEP) Committee, which includes parents, will meet to consider eligibility, goals, objectives and placement in special education within 30 calendar days after the evaluation has been completed.
   8. Parents provide written consent for the initial provision of special education services if eligibility is established and services are recommended.

B. Transfers from special education programs outside the district
   1. Parents/Students notify campus personnel of prior special education services. If possible, provide applicable documentation of special education services and evaluations at the time of registration.
   2. Campus staff confirms the provision of prior special education services.
   3. Services begin when there is knowledge of a disability. Within 30 school days, any changes determined necessary in the current IEP must be addressed by the ARD/IEP Committee and an ARD/IEP meeting will be held.

C. Continuation in the Program
   1. ARD/IEP Committee conducts an annual review of student progress and placement.
   2. Parents and other committee members agree upon student’s continuation of services or dismissal from special education based on current performance data and demonstrated need.

D. Grading Procedures
Credit for courses may be earned only if the student receives a grade that is the equivalent of 70 on a scale of 100, based upon the essential knowledge and skills for each course. The ARD/IEP committee may determine that a student receives modified course content. In this case, grades should reflect progress toward completion of IEP goals and objectives as well as demonstrated mastery of course content that is the equivalent of 70 on a scale of 100.
Plano ISD eSchool

Plano ISD eSchool provides excellence in online learning to high school students here in Plano and throughout the world. Since 2001, we have served over 36,000 students with a completion rate of 88% and an overall success rate of 96%. Our course offerings afford students the flexibility and connectivity to meet their individual needs. eSchool students have access to a rigorous curriculum that is correlated to local, state, and national standards. Our online program allows students to enhance their high school experience, to work around scheduling difficulties, and/or to recapture credits for graduation. Our dedicated teachers are specifically trained to work with students in an online setting and are committed to providing a personalized and enriching learning experience for each student. Our goal is for students to master course content while acquiring the 21st Century skills needed to compete in a global society.

eSchool Course Offerings

*Note: All of our eSchool courses are semester courses designed to be completed in 6-18 weeks. Please refer to the eSchool website for updated course offerings and tuition rates.*

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester 1/2</th>
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</thead>
<tbody>
<tr>
<td>Algebra 1; Semester 1/2*</td>
<td>PE Foundations</td>
</tr>
<tr>
<td>Algebra 2; Semester 1/2</td>
<td>PE Foundations 2</td>
</tr>
<tr>
<td>Business Information Management; Semester 1/2</td>
<td>Physics; Semester 1/2</td>
</tr>
<tr>
<td>Chemistry; Semester 1/2</td>
<td>Pre-Calculus; Semester 1/2</td>
</tr>
<tr>
<td>Economics</td>
<td>Professional Communications</td>
</tr>
<tr>
<td>English 1; Semester 1/2*</td>
<td>Psychology</td>
</tr>
<tr>
<td>English 2; Semester 1/2*</td>
<td>Spanish 1; Semester 1/2*</td>
</tr>
<tr>
<td>English 3; Semester 1/2</td>
<td>Spanish 2; Semester 1/2*</td>
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<tr>
<td>English 4; Semester 1/2</td>
<td>US Government</td>
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<tr>
<td>Geometry; Semester 1/2</td>
<td>US History; Semester 1/2</td>
</tr>
<tr>
<td>Health</td>
<td>World Geography; Semester 1/2</td>
</tr>
<tr>
<td>Human Resources Management</td>
<td>World History; Semester 1/2</td>
</tr>
<tr>
<td>Money Matters</td>
<td></td>
</tr>
</tbody>
</table>

*course cannot be taken for initial credit

Important Points to Consider

- For more information, including registration procedures and eSchool Guidelines, please contact the eSchool office at 469.752.8894 or eSchool@pisd.edu. You can also visit our website at http://k12.pisd.edu/eschool.
- Students need to check with their school counselor to ensure appropriate course selection.
- Students taking eSchool courses are required to take the STAAR EOC assessment associated with the course.
- Grades earned in eSchool courses will not be used in computing class rank (Plano ISD Board Policy EIC Local).
- Some courses may require the purchase of additional materials, such as a textbook or lab materials, in addition to the tuition fee.
- Students must have an active, functional e-mail account. Refer to the eSchool website for specific technical requirements.
DESCRIPTIONS OF HIGH SCHOOL / SENIOR HIGH SCHOOL COURSES OFFERED TO PLANO ISD STUDENTS

Teamwork for Excellence

PLANO Independent School District
### Required Subject Areas

- **English**: 4 credits
  - English 1, 2, 3, 4th year choice (EOCs: English 1 and English 2)
- **Math**: 4 credits
  - Algebra 1, Geometry, 3rd year choice, 4th year choice (EOC: Algebra 1)
- **Science**: 4 credits
  - Biology, 2nd year choice, 3rd year choice, 4th year choice (EOC: Biology)
- **Social Studies**: 4 credits
- **Fine Arts**: 1.0 credit Art, Music, Theater, Dance, Floral Design
- **Foreign Language**: 2 credits
- **Health**: .5 or 1.0 credit of Principles of Health Science
- **Physical Education**: 1.0 credit
- **Communication**: .5 credit – AVID, Oral Interpretation 1, Debate 1, Professional Communications
- **Electives/Endorsement Choices**: 5 credits

### Total Credits

<table>
<thead>
<tr>
<th>9th</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
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<td>Summer School</td>
<td>Credits: 7.0</td>
<td>Summer School</td>
<td>Credits: 7.0</td>
<td>Summer School</td>
</tr>
</tbody>
</table>

### Foundation/Endorsement Plan

- **Students are eligible for general admission to state colleges and universities.**

### English Language Arts

- **4th year English:**
  - English 4
  - AP English 4 Literature and Composition
  - IB English 4 HL
  - Professional Communications – if taken after English 3 – a one semester course which must be combined with another one semester course
  - Literary Genres – if taken after English 3
  - Creative Writing – if taken after English 3
  - Oral Interpretation 3 – if taken after English 3
  - Debate 3 – if taken after English 3
  - Yearbook 3 – if taken after English 3

### Math

- **3rd and 4th year Math:**
  - Math Models
  - Statistics
  - Algebra 2
  - Accounting II
  - Digital Electronics
  - Algebra 2 is a prerequisite for the following courses:
    - Precalculus
    - Advanced Quantitative Reasoning
    - AP Statistics
    - AP Calculus AB
    - AP Calculus BC
    - AP Computer Science A
  - Math Independent Study
  - IB Math Studies SL
  - IB Calculus SL/HL

### Science

- **2nd year Science:**
  - IPC (Integrated Physics and Chemistry)
  - Chemistry
  - Chemistry
  - Physics
  - Earth and Space Science
  - Environmental Systems
  - AP or IB Biology SL/HL
  - AP or IB Chemistry SL/HL
  - AP Physics 1
  - AP Physics 2
  - AP Physics C Mechanics
  - AP Physics C Electricity & Magnetism
  - IB Physics SL/HL
  - AP Environmental Science
  - IB Environmental Systems SL
  - Anatomy and Physiology
  - Food Science
  - Forensic Science
  - Honors Scientific Research and Design
  - Engineering Design and Problem Solving
  - Engineering Science

### Summer School

- **1st year choice, 2nd year choice, 3rd year choice, 4th year choice**
- **Summer School**

### Electives/Endorsement Choices

- **5 credits**

### Total Credits

- **26 Credits**

**Note:** Distinguished Level of Achievement is the Foundation/Endorsement Plan including Algebra 2. Students are eligible for top 10% automatic admission to state universities.

**Signatures:**
- Student
- Parent
- Counselor

**Endorsement**

December 2016

All courses may not be offered on every campus.
**ENDORSEMENTS**

To earn an endorsement a student must successfully complete the Plano ISD curriculum requirements for the Foundation High School Program and must earn a fourth credit in mathematics, an additional credit in science, and two additional elective credits. A student may earn a **Distinguished Level of Achievement** by successfully completing the Plano ISD curriculum requirements for the Foundation High School Program and the curriculum requirements for at least one endorsement (including four credits in science and four credits in mathematics to include Algebra II). For more information on endorsement requirements, click on the icons below or contact your counselor.

**STEM**
- Career and Technical Education (CTE)
- Computer Science
- Math
- Science
- Combination

**Business & Industry**
- English
- Technology Applications
- Career and Technical Education (CTE)
- Combination

**Multidisciplinary**
- Workforce
- Foundation Subjects
- Advanced Placement or International Baccalaureate

**Arts & Humanities**
- Social Studies
- Language Other Than English (LOTE)
- Fine Arts
- English

**Public Service**
- Career and Technical Education (CTE)
- Junior Reserve Officer Training Corps (JROTC)

*All courses may not be offered on every campus.*
**ATHLETICS**

The Plano Independent School District offers a wide range of University Interscholastic League competitive sports from which the student may choose. One credit of physical education credit is required for graduation by the state of Texas; however, a student may earn up to 4 PE credits toward graduation. The following is a list of courses from which both boys and girls may select, depending upon their particular interests and abilities.

**SEE YOUR SCHOOL COUNSELOR FOR CLARIFICATION REGARDING CREDITS.**

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>304101, 304102</td>
<td>Baseball (Boys)</td>
<td>May be offered after school at Grade 9</td>
</tr>
<tr>
<td>304201, 304202</td>
<td>Basketball (Boys)</td>
<td></td>
</tr>
<tr>
<td>303001, 303002</td>
<td>Basketball (Girls)</td>
<td></td>
</tr>
<tr>
<td>304301, 304302</td>
<td>Cross Country (Boys)</td>
<td>Fall Semester on Senior High Campuses Only</td>
</tr>
<tr>
<td>303101, 303102</td>
<td>Cross Country (Girls)</td>
<td>Fall Semester on Senior High Campuses Only</td>
</tr>
<tr>
<td>305101, 305102</td>
<td>Diving (Co Ed)*</td>
<td>Senior High Campuses Only</td>
</tr>
<tr>
<td>304401, 304402</td>
<td>Football (Boys)</td>
<td></td>
</tr>
<tr>
<td>305201, 305202</td>
<td>Golf (Co Ed)*</td>
<td>Practice Held at Local Designated Golf Courses</td>
</tr>
<tr>
<td>304501, 304502</td>
<td>Soccer (Boys)</td>
<td>Senior High Campuses Only</td>
</tr>
<tr>
<td>303201, 303202</td>
<td>Soccer (Girls)</td>
<td>Senior High Campuses Only</td>
</tr>
<tr>
<td>303401, 303402</td>
<td>Softball (Girls)</td>
<td>Senior High Campuses Only</td>
</tr>
<tr>
<td>305301, 305302</td>
<td>Swimming (Co Ed)*</td>
<td>Senior High Campuses Only</td>
</tr>
<tr>
<td>305401, 305402</td>
<td>Tennis (Co Ed)</td>
<td></td>
</tr>
<tr>
<td>304601, 304602</td>
<td>Track (Boys)</td>
<td>Spring Semester on Senior High Campuses Only</td>
</tr>
<tr>
<td>303501, 303502</td>
<td>Track (Girls)</td>
<td>Spring Semester on Senior High Campuses Only</td>
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<tr>
<td>303601, 303602</td>
<td>Volleyball (Girls)</td>
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<tr>
<td>304701, 304702</td>
<td>Wrestling (Boys)</td>
<td></td>
</tr>
<tr>
<td>304701, 304702</td>
<td>Wrestling (Girls)</td>
<td></td>
</tr>
</tbody>
</table>

* Will require personal transportation.

Students can earn up to 4 credits of physical education over their high school career in any specific sport or any combination of sports taken during the school day. In order to participate or compete in a UIL sport, the sport must be reflected on the student’s class schedule.
**CHEERLEADING / DRILL TEAM**

Cheerleading and drill team tryouts are held in the spring at the individual school campuses. The Fundamentals of Drill Team course is a non-competitive course open to all who desire to enroll. Students interested in this program should contact the program sponsor for specific details and guidelines.

For district guidelines regarding Cheerleading and Drill Team, see the following PISD websites:
https://www.pisd.edu/cheerleader.guidelines.pdf
https://www.pisd.edu/drill.team.guidelines.pdf

**SEE YOUR SCHOOL COUNSELOR FOR CLARIFICATION REGARDING CREDITS.**

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>306101</td>
<td>Cheerleading</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>307151</td>
<td>Drill Team Prep</td>
<td>9 – 10</td>
<td>1</td>
</tr>
<tr>
<td>307101</td>
<td>Drill Team</td>
<td>9 – 12</td>
<td>1</td>
</tr>
</tbody>
</table>

**306101 Cheerleading**
Grade Placement: 9 – 12
Prerequisite: Try-out procedure
Credit: 1

This course is designed for students selected to perform on Freshman, Sophomore, Junior Varsity, or Varsity Cheerleading Squads. This class meets during the school day and consists of conditioning activities, skill development in several cheerleading techniques, and specific preparation for game and competition performances. Students gain membership through a try-out procedure held during the spring of the previous school year. **Please see your counselor for credit information.**

**307151 Drill Team Prep**
Grade Placement: 9 – 10
Prerequisite: None
Credit: 1
What’s next? Drill Team

Drill Team Prep is designed to help students prepare mentally and physically to try out for JV and/or Varsity drill teams. The class covers proper stretching, splits, kick technique, jazz technique, pom, as well as several different genres of dance. It also helps to develop coordination, body form, flexibility, rhythm and balance. This is non-competitive course and is open to all who desire to enroll. Specific attire, including shoes, will be required. **Successful completion of both semesters of this course will satisfy the PE credit required for graduation.**

**307101 Drill Team (9-12)**

Drill Team is a precision performing group that provides students an opportunity to perform at a variety of venues. Performances may include athletic events, competitions, community events, and stage shows. Drill team membership requires weekly after hours practice and rehearsals. Specific attire, including shoes, will be required. Students gain membership through a try-out procedure held during the spring of the previous school year. **Successful completion of both semesters of this course will satisfy the PE credit or Fine Arts credit required for graduation.**
## ENGLISH LANGUAGE ARTS

### ESOL (ENGLISH FOR SPEAKERS OF OTHER LANGUAGES)

To find out more about the English Language Arts Texas Essential Knowledge and Skills (TEKS) click [here](#).

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
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<td>101171</td>
<td>English I (eSchool)</td>
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<tr>
<td>101031</td>
<td>English I Honors</td>
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<td>101041</td>
<td>Humanities I English I GT (English I Honors)</td>
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<td>252041</td>
<td>Humanities II World History AP GT (AP World History)</td>
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<td>1</td>
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<tr>
<td>051001</td>
<td>English I SOL (Speakers of Other Languages)</td>
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<tr>
<td>052001</td>
<td>English II SOL (Speakers of Other Languages)</td>
<td>10</td>
<td>1</td>
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<tr>
<td>10127B</td>
<td>Research and Technical Writing</td>
<td>9 – 10</td>
<td>.5</td>
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<td>102001</td>
<td>English II</td>
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<td>English III AP Language and Composition</td>
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<td>S14251</td>
<td>American Studies (English III AP Language and Composition and AP U.S. History)</td>
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<td>English IV</td>
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<td>104031</td>
<td>English IV Honors</td>
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<td>English IV AP Literature and Composition</td>
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<td>104231</td>
<td>English IV (Collin College Dual Enrollment)</td>
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<td>10310B</td>
<td>Creative Writing</td>
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<td>Literary Genres</td>
<td>9 – 12</td>
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<td>10330B</td>
<td>World of Ideas</td>
<td>11 – 12</td>
<td>.5</td>
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<tr>
<td>10370B</td>
<td>Bible Literacy</td>
<td>11 – 12</td>
<td>.5</td>
</tr>
</tbody>
</table>

**101001 English I**

**Grade Placement:** 9  
**Prerequisite:** None  
**Credit:** 1  
**What’s next?** English II or English II Honors

In this course, students learn to apply their understandings of reading and writing processes to a variety of genres including literary (poetry, drama, imaginative stories) and informational (expository and persuasive). Students will study both classic and contemporary texts with an emphasis on theme development, epic characteristics, creative non-fiction, and the relationships between classic texts and contemporary ideas. The use of writing and reading notebooks, the development of research questions and source gathering, and frequent opportunities for teamwork and collaboration are also key components of this course.

**101031 English I – Honors**

**Grade Placement:** 9  
**Prerequisite:** Teacher recommendation encouraged  
**Credit:** 1  
**What’s next?** English II Honors or English II

This course is designed for students who wish to have a more challenging and rigorous English I experience. In addition to the emphasis areas listed above, English I Honors students will be afforded opportunities to engage in lengthier and more challenging reading and writing experience with more sophisticated levels of instruction and more advanced skill work.

**101041 Humanities I English I GT (English I Honors)**

**Grade Placement:** 9  
**Prerequisite:** Identification / Selection as Gifted  
**Credit:** 1

**252041 Humanities II World History AP GT (AP World History)**

**Grade Placement:** 10  
**Prerequisite:** Identification / Selection as Gifted  
**Credit:** 1  
**What’s next?** American Studies; Advanced Placement and International Baccalaureate courses

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 English I Honors 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 period from 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 grade students will sit in the same class while earning credit in separate courses; ninth graders will earn English I Honors 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 and is not recognized as a fine arts course by TEA.**

**051001 English I for Speakers of Other Languages**

**Grade Placement:** 9 - 10  
**Prerequisite:** Placement in ESOL program with beginning or intermediate English proficiency  
**Credit:** 1  
**What’s next?** English II, English II for Speakers of Other Languages, or English II Honors

English I SOL is a course designed to provide instruction in the English I TEKS for **beginner and intermediate level limited English proficient (LEP) students enrolled in ESL.** It also works to build English language proficiency. **This course does meet the graduation requirement for English I, so students who take this course may not later take regular English I for credit.** It should be noted that some colleges and universities might not honor this course when considering a student's application for admission. For college and university admission criteria please see your school counselor.

All courses may not be offered on every campus.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>052001</td>
<td>English II for Speakers of Other Languages</td>
<td>English II SOL is a course designed to provide instruction in the English II TEKS for beginner and intermediate level limited English proficient (LEP) students enrolled in ESL. It also works to build English language proficiency. This course does meet the graduation requirement for English II, so students who take this course may not later take regular English II for credit. It should be noted that some colleges and universities might not honor this course when considering a student's application for admission. For college and university admission criteria please see your school counselor.</td>
</tr>
<tr>
<td>10127B</td>
<td>Research and Technical Writing</td>
<td>This one-semester course focuses on how a student learns best. Strong attention will be focused on text structures, note taking, study skills, test-taking skills, and research skills. The curriculum emphasizes using both traditional and on-line resources for research and technical writing. Students will be prepared for business and university research tasks. This course may not be offered on all campuses.</td>
</tr>
<tr>
<td>102001</td>
<td>English II</td>
<td>In this course, students learn to apply their understandings of reading and writing processes to a variety of genres including literary (poetry, drama, imaginative stories) and informational (expository and persuasive). Students will study both classic and contemporary texts with an emphasis on author's purpose and motivations, archetypal patterns, and critical lenses for text studies. The use of writing and reading notebooks, the synthesis and presentation of researched ideas, and frequent opportunities for teamwork and collaboration are also key components of this course.</td>
</tr>
<tr>
<td>102031</td>
<td>English II – Honors</td>
<td>This course is designed for students who wish to have a more challenging and rigorous English II experience. In addition to the emphasis areas listed above, English II Honors students will be afforded opportunities to engage in lengthier and more challenging reading and writing experience with more sophisticated levels of instruction and more advanced skill work.</td>
</tr>
<tr>
<td>103001</td>
<td>English III</td>
<td>In this course, students engage in a variety of reading and writing experiences as they analyze the ways in which the traditional and contemporary texts from 20th and 21st century America represent a view or make a comment on the human condition and spirit. Key reading selections come from various genres including plays, novels, poems, and speeches. Students will write multi-page essays (expository and persuasive) and original stories and poems in a writing workshop environment. Research study includes instruction in creating a research plan, synthesizing information, and organizing ideas.</td>
</tr>
</tbody>
</table>

All courses may not be offered on every campus.
103031  English III - Honors
Grade Placement: 11
Prerequisite: English (2 credits)
Credit: 1
What's next? English IV or English IV H or English IV AP

This course is designed for students who wish to have a more challenging and rigorous English III experience. In addition to the emphasis areas listed above, English III Honors students will be afforded opportunities to engage in lengthier and more challenging reading and writing experience with more sophisticated levels of instruction and more advanced skill work.

103051  English III – AP Language and Composition
Grade Placement: 11
Prerequisite: English (2 credits)
Credit: 1
What's next? English IV or English IV Honors or English IV AP

This course is designed for students who wish to have a more challenging and rigorous English III experience. This course instructs students in the reading of complex text and the writing of rich and complex prose. This course will emphasize the writing process by having students write essays that proceed through several stages or drafts. Students will become acquainted with a wide variety of prose styles from many disciplines and historical periods, and will gain understanding of the connections between writing and interpretive skill in reading. The use of research materials and the ability to synthesize a variety of sources are integral parts of this course. This course prepares students to take the AP Language and Composition exam to possibly earn college credit.

S1425  American Studies
1
(English III AP Language and Composition and AP U.S. History)

Grade Placement: 11
Prerequisite: G/T Identification or AP World History recommended
Credit: 2
What's next? The Human Experience: Culture, Media and Perception, English IV – AP Literature and Composition

American Studies combines AP US History and English III AP Language to create a daily two hour cultural experience enabling students to simultaneously explore the connections between literature and history. Students will explore the history of the United States with special emphasis placed on the study of rhetorical styles and structures of important historical documents and readings. This course focuses on the cultural accomplishments as manifested in art, architecture, literature, music, and other visual media. Students will learn and practice the craft of writing through various products, specifically focused on the essay formats necessary for success on both the AP US History and AP English Language exams. US Literature of all genres will be incorporated into the curriculum within the structure of the historical study, and used as a method of enhancing the depiction of historical time periods. At the culmination of the class, students can take both the AP US History and the AP English Language and Composition exams to possibly earn college credit.

104001  English IV
Grade Placement: 12
Prerequisite: English (3 credits)
Credit: 1

In this course, students will read and write on a daily basis. Text studies focus on the comparing and contrasting of universal themes in contemporary and traditional works from a variety of cultures and countries, including traditional British works. Students will analyze the effects of literary devices in literary non-fiction, expository, and persuasive texts, and will conduct an advanced study of media literacy, including the development of a visual media. The course emphasizes self-selected texts and collaborative discussions focused on student-directed comprehension, interpretation, and analysis work. Students will develop multi-draft and multi-page essays, including an argument essay, interpretive response, and philosophy essay.

All courses may not be offered on every campus.
104031  English IV - Honors
Grade Placement: 12
Prerequisite: English (3 credits)
Credit: 1
This course is designed for students who wish to have a more challenging and rigorous English IV experience. In addition to the emphasis areas listed above, English IV Honors students will be afforded opportunities to engage in lengthier and more challenging reading and writing experience with more sophisticated levels of instruction and more advanced skill work.

104051  English IV – AP Literature and Composition
Grade Placement: 12
Prerequisite: English (3 credits)
Credit: 1
This course is designed to engage students in the careful reading and critical analysis of imaginative literature. Students will deepen their understandings of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work’s structure, style, and themes, as well as such smaller-scale elements as they use of figurative language, imagery, symbolism, and tone. The course should include intensive study of representative works from various genres and periods. Writing experiences in this course may involve writing response and reaction papers along with annotation, free writing, and keeping some form of a reading journal. Writing assignments will focus on the critical analysis of literature and will include expository, analytical, and argumentative essays. This course prepares students to take the AP Literature and Composition exam to possibly earn college credit.

10310B  Creative Writing
Grade Placement: 9 – 12
Prerequisite: None
Credit: .5
This course is a rigorous composition course where students can hone their writing skills in a variety of forms and genres in a writing workshop environment. The course 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. Students will create and publish a class or campus anthology of works.

10350B  Literary Genres
Grade Placement: 9 – 12
Prerequisite: None
Credit: .5
Students in this course analyze the fictional and poetic elements of literary texts and read in order to better understand and appreciate the writer’s craft. This course includes a study of vocabulary (with word origins), an analysis of the contribution of fictional and poetic elements to meaning, and the critical evaluation of a variety of genres, including contemporary fiction, poetry, drama, and literary non-fiction.

10330B  World of Ideas
Grade Placement: 11 – 12
Prerequisite: None
Credit: .5
This course is a combination philosophy and humanities class that provides students opportunities to discuss, perform, listen, view, and create. Topics for study may include mythology, enlightenment, human nature, contemporary media, the human condition, morality, ethics, aesthetics, beauty, censorship, history, architecture, and music.

10370B  Bible Literacy
Grade Placement: 11 – 12
Prerequisite: None
Credit: .5
This course is on the Hebrew Scriptures (Old Testament) and the New Testament which teaches knowledge of Biblical content, characters, poetry, and narratives that impact understanding of contemporary society and culture, including literature, art, music, and public policy. The course follows federal and state laws and guidelines in maintaining religious neutrality and accommodating the diverse religious views and perspectives of students.

All courses may not be offered on every campus.
FINE ARTS

Fine Arts Education includes the following areas: Visual Art Education, Music Education, and Theater Arts and Dance Education. Students must take a full-year of the same course to meet the one credit of Fine Arts high school graduation requirement. To find out more about the Fine Arts Texas Essential Knowledge and Skills (TEKS) click here.

Visual Arts Education

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>SUBJECT</th>
<th>Grade</th>
<th>Credits</th>
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<td>Art I: 2D Design &amp; Drawing</td>
<td>9 – 12</td>
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<tr>
<td>451031</td>
<td>Art I: 2D Design &amp; Drawing H/PreAP</td>
<td>9 – 10</td>
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<tr>
<td>452081</td>
<td>Art I: 3D Design &amp; Sculpture</td>
<td>9 – 12</td>
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<tr>
<td>451501</td>
<td>Art and Media Communications I</td>
<td>9 – 12</td>
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<td>452501</td>
<td>Art and Media Communications II</td>
<td>10 – 12</td>
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<td>452061</td>
<td>Art II: 3D Design &amp; Sculpture H/PreAP</td>
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<td>Art III</td>
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<td>456351</td>
<td>AP Art: Two-Dimensional Design (2 hour block)</td>
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<td>456371</td>
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<td>454051</td>
<td>AP Art: Drawing Portfolio (2 hour block)</td>
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<tr>
<td>454071</td>
<td>AP Art History</td>
<td>11 – 12</td>
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451001  Art I: 2D Design & Drawing

Grade Placement: 9 – 12
Prerequisite: None
Credit: 1
What’s next?  Art II: 2D, Art II: 3D, Art II Pre-AP/H

Art I: 2D Design & Drawing students will be introduced variety media, concepts and techniques. This will include elements and principles of design, sequential techniques with drawing, painting, printmaking, low-relief sculpture, ceramics and digital media. As an introductory course students practice skills, explore historical and cultural relevance, gain an understanding of creative expression and learn to respond and evaluate artwork through close observation using critical thinking. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6) This is a two-semester course in which students must take both semesters, in sequence, to meet the one year fine arts requirement.

All courses may not be offered on every campus.
451031  Art I: 2D Design &
Drawing H/PreAP
Grade Placement:  9 – 10
Prerequisite:  None
Credit:  1
What’s next?  Art II: 2D, Art II: 3D, Art II: 2D Pre-
AP/H

Art I: 2D H/PreAP allows the student the opportunity to learn how to
work with a large variety of materials.  Pre-AP Art I provides learning
opportunities for students beyond those available in the regular Art I
class by extending the state essential knowledge and skills through
drawing, color study, painting, printmaking, technology, sculpture, and
 ceramics.  The curriculum follows guidelines from the College Board
and students learn what will be expected of them for the AP Portfolio
courses.  Additional supply fees may be associated with this course;
however, Plano ISD will take steps to ensure that costs will not prevent
access to programs.  (see Consumable Supply Fees on page 6)  This
is a two-semester course in which students must take both
semesters, in sequence, to meet the one year fine arts
requirement.

452081  Art I: 3D Design &
Sculpture
Grade Placement:  9 – 12
Prerequisite:  None
Credit:  1
What’s next?  Art II: 2D, Art II: 3D,  Art II Pre-
AP/H

Students will be introduced to the elements and principals of art though
a three-dimensional lens learning additive and subtractive sculpture,
ceramics, and digital work. Students will utilize drawing and painting
techniques through the creation of three-dimensional objects.  As an
introductory course students practice skills, explore historical and
cultural relevance, gain an understanding of creative expression and
learn to respond and evaluate artwork through close observation using
critical thinking.  Additional supply fees may be associated with this
course; however, Plano ISD will take steps to ensure that costs will not prevent
access to programs.  (see Consumable Supply Fees on page 6)  This
is a two-semester course in which students must take both
semesters, in sequence, to meet the one year fine arts
requirement.

451501  Art and Media
Communications I
Grade Placement:  9 – 12
Prerequisite:  None
Credit:  1
What’s next?  Art and Media Communications II
or any Art I and/or Art II course

Art and Media Communications combines rigorous and relevant
experiential study of modern, post-modern, and contemporary visual
art and design with student learning in media literacy and technology
applications.  Creation and analysis of student artworks will be
balanced with explorations into contemporary practices across the
visual and commercial arts fields. Students will learn how to bridge
traditional hand skills with current technology applications to create
new media such as animations, digital images, multimedia
presentation, digital video, websites, and interactive or site-based
installations and performances.  Furthermore, student work will
culminate in a capstone project that investigates an issue relevant to
the student and uses art, design, and visual communications to
address a problem within the community or effect change.  This project
will afford students an opportunity to learn and practice creative
research skills, develop a narrative, engage an audience, and connect
an online community to their project.

All courses may not be offered on every campus.
452501  **Art and Media Communications II**  
Grade Placement: 10 – 12  
Prerequisite: Art and Media Communications I  
Credit: 1  
What's next? Art III, AP Art: Two-Dimensional Design (2 hour block), AP Art: Three-Dimensional Design (2 hour block), AP Drawing Portfolio (2 hour block), or AP Art History  
Art and Media Communications II builds upon the foundational skills taught in the Art and Media Communications I survey course and provides opportunities for students to apply knowledge of contemporary visual art and design practices with greater depth and complexity. Hands-on, experiential learning in visual art is interwoven with technology applications, media literacy, and the 21st century skills as students explore participatory media and the practice of trans media storytelling. Students learn how new media such as digital imagery, multimedia presentations, web videos, online and social media, virtual worlds, game designs, and animations intersect with contemporary art, specifically sculpture and installation art. Students create a large-scale, collaborative installation artwork and then contextualize and promote it though media extensions that produce immersive stories aimed at engaging audiences. By creating trans media stories about their installation, students expand both personal and collective narratives, deepen creative research skills, gain insight into messaging platforms, and build communities of interest. Students document their work in a professional-level digital portfolio that can be used in applications.

452001  **Art II: 2D Design & Drawing**  
Grade Placement: 10 - 12  
Prerequisite: Art I: 2D or Art I: 3D  
Credit: 1  
What's next? Art III, AP Art: Two-Dimensional Portfolio, AP Art: Three-Dimensional Portfolio, AP Art: Drawing Portfolio, or AP Art History  
Art II is designed to spiral and expand on the Art I: 2D or Art I: 3D curriculum. Students will continue to explore a sequential study of drawing, color theory, painting, printmaking, technology and ceramics. Formal compositions will be completed in realistic, abstract, and non-objective styles. Students will build upon skills learned in Art I instruction in order to express big ideas with visual voice. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6).

452031  **Art II: 2D Design & Drawing H/PreAP**  
Grade Placement: 10  
Prerequisite: Art I: 2D Design & Drawing H/PreAP, Art I: 2D or Art I: 3D  
Credit: 1  
The Art II: 2D Design & Drawing H/PreAP curriculum is designed to spiral and expand on the Art I: 2D, Art I: 3D, or Art I: 2D Pre-AP curriculum. Students will apply the elements and principles of art in all compositions to a greater proficiency than other Art II: 2D & Drawing students. Students grow their understanding of composition, design, drawing, painting, printmaking, technology, and ceramics with high expectations, as they continue reviewing requirements of the AP examination. The curriculum follows guidelines from the College Board and students learn what will be expected of them for the AP Portfolio courses. Pre-AP Art II: 2D Design & Drawing is an honors credit class recommended for students seriously looking at a visual art career. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)
452061  Art II: 3D Design & Sculpture H/PreAP

The 3D Design and Sculpture curriculum is designed to spiral and expand the Art 3D curriculum. Students will apply the elements and principles of art in all composition to a greater proficiency than other Art Sculpture students. Students grow their understanding of drawing, sculpture, ceramics, technology, and problem solving techniques with high expectations, as they continue reviewing requirements of the AP examination. The curriculum follows guidelines from the College Board and students learn what will be expected of them for the AP Portfolio courses. Pre-AP Art II: 3D Design & Sculpture is an honors credit class recommended for students seriously looking at a visual art career. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

453001  Art III

Art III will provide in-depth compositional studies in drawing and painting. Drawing studies will emphasize advanced life drawing techniques. Painting emphasis may be on techniques of watercolor and mixed media, plus relating art history to periods of drawing and painting. Students will also experience printmaking, technology, sculpture, and ceramics. Ceramics and sculpture will emphasize complex combinations of hand built techniques. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

456351  AP Art: Two-Dimensional Design (2-hour block)

AP Art: Two-Dimensional Design is an advanced studio course for the college-bound and career-oriented student. It is designed for talented art students who wish to pursue college level studies while in high school. Emphasis will be on advanced drawing and painting styles, 2-D design, color study, and digitally created art. Students will compile digital portfolios that fulfill current College Board requirements. This is a two-hour class. Students receive two credits, 1 AP credit and 1 honors credit. This course prepares the student to take the AP exam. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

456371  AP Art: Three-Dimensional Design (2-hour block)

AP Art: Three-Dimensional Design is an advanced studio course for the college-bound and career-oriented student. It is designed for talented art students who wish to pursue college level studies while in high school. Emphasis will be on advanced sculpture, ceramics, and three-dimensional design. Students will compile digital portfolios that fulfill current College Board requirements. This is a two-hour class. Students receive two credits, 1 AP credit and 1 honors credit. This course prepares the student to take the AP exam. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)
**454051  AP Art: Drawing Portfolio (2-hour block)**

Grade Placement: 11-12  
Prerequisite: Art I: 2D or 3D  
Credits: 2  
*What’s next?* AP Art: Two-Dimensional Portfolio, AP Art: Three-Dimensional Portfolio, AP Art History

AP Art: Drawing Portfolio, a two-hour class, is an advanced studio course for the college-bound and career-oriented student. It is designed for talented art students who wish to pursue college level studies while in high school. Emphasis will be on drawing, in methods such as graphite, charcoal, painting, and printmaking. Students will compile digital portfolios that fulfill the current College Board requirements. This is a two-hour class. Students receive two credits, 1 AP credit and 1 honors credit. This course prepares the student to take the AP exam. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

**454071  AP Art History**

Grade Placement: 11-12  
Prerequisite: None  
Credit: 1

The aim of the course is to introduce students to the rich traditions of western and non-European architecture, sculpture, painting and other art forms through factual knowledge and the skillful use of principles of aesthetics and comparative criticism. Students will learn how to respond to works of art with intelligence and sensitivity, examining the major forms of artistic expression of the past and of distant cultures as well as those of their own time and environment. Students may earn college credit by passing an exam written by the College Board. This course prepares the student to take the AP Art History exam. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)
**Career and Technical Education – Fine Arts Credit**

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>551501</td>
<td>Floral Design</td>
<td>11 – 12</td>
<td>1</td>
</tr>
</tbody>
</table>

**551501 Floral Design**

Grade Placement: 11 – 12  
Prerequisite: None  
Credit: 1 (fine arts credit)

This is an activity-based course which prepares students to develop competencies in flower classification and identification, geometric and specialized floral designs, identification and classification of plants, interior landscape development, and the use of artistic elements in personal designs. Students will learn business practices as they relate to the floral industry and are given the opportunity to develop leadership skills through the FFA organization. **Successful completion of both semesters of this course will satisfy the Fine Arts (1.0) credit required for graduation.** This course provides instruction and training necessary for the Texas State Florist's Certification.
### Dance Education

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
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<tbody>
<tr>
<td>451871 (FA)</td>
<td>Dance I</td>
<td>9 – 12</td>
<td>1</td>
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<tr>
<td>451851 (PE)</td>
<td>Dance I</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>452871 (FA)</td>
<td>Dance II</td>
<td>10 – 12</td>
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<td>452851 (PE)</td>
<td>Dance II</td>
<td>10 – 12</td>
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<td>453871 (FA)</td>
<td>Dance III</td>
<td>11 – 12</td>
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<tr>
<td>453851 (PE)</td>
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<td>454851 (PE)</td>
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* Students enrolled in Dance I, II, III, or IV can earn either a Fine Arts credit or a PE credit upon successful completion of both semesters of this course.

**Dance I**  
This course will focus on dance within a variety of dance genres at an introductory level. Students will acquire vocabulary and skills in ballet, jazz, modern, tap, hip hop and other genres. Dance history, choreography and performance skills will be introduced. The class is participatory in nature, utilizing movement as a form of creative expression. Specific attire will be required. Attendance at after school rehearsals and performances may be required. **Successful completion of both semesters of this course will satisfy the Fine Arts credit or PE credit required for graduation.**

**Dance II**  
This course builds on the technical facility and skills attained in Dance I using advanced skills and concepts through continued study of various dance genres. In addition, course objectives will emphasize (1) creative expression through movement; (2) awareness of space, time, and energy in dance technique and improvisational studies; (3) development of self-confidence through the use of the body as an expressive instrument; and (4) appreciation of dance as an art form. Specific attire will be required. Attendance at after school rehearsals and performances may be required. **Successful completion of both semesters of this course will satisfy the Fine Arts credit or PE credit required for graduation.**

**Dance III**  
Dance III students will build on skills and techniques learned in Dance II, including creative expression, improvisation, and appreciation of dance as an art form. Qualities of movement are also explored. Kinesthetic awareness and movement memory is emphasized as well. Specific attire will be required. Attendance at after school rehearsals and performances may be required. **Successful completion of both semesters of this course will satisfy the Fine Arts credit or PE credit required for graduation.**

**Dance IV**  
This course focuses on the advanced dancer. An emphasis will be placed on style, technique and choreography. This class will also allow students to explore different avenues of dance performance beyond high school. Specific attire will be required. Attendance at after school rehearsals and performances may be required. **Successful completion of both semesters of this course will satisfy the Fine Arts credit or PE credit required for graduation.**
## Music Education

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
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*All courses may not be offered on every campus.*
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<td>454271</td>
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</table>
A student will receive 0.5 PE substitution credit for marching band participation during the fall semester.

**451301 String Orchestra I**
Grade Placement: 9 - 12
Prerequisite: Prior orchestra experience recommended
Credit: 1
What's next? String Orchestra II

This orchestra provides an opportunity for students to continue instrumental development at an intermediate level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

**452301 String Orchestra II**
Grade Placement: 10 – 12
Prerequisite: String Orchestra I
Credit: 1
What's next? String Orchestra III

**453301 String Orchestra III**
Grade Placement: 11 – 12
Prerequisite: String Orchestra II
Credit: 1
What's next? String Orchestra IV

**454301 String Orchestra IV**
Grade Placement: 12
Prerequisite: String Orchestra III
Credit: 1

These courses are a continuation of String Orchestra. This orchestra provides an opportunity for students to continue instrumental development at an intermediate level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)
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<tr>
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<tbody>
<tr>
<td>451361</td>
<td>Philharmonic Orchestra I</td>
<td>This orchestra provides an opportunity for students to continue instrumental development at an intermediate/advanced level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)</td>
</tr>
<tr>
<td>452361</td>
<td>Philharmonic Orchestra II</td>
<td>These courses are a continuation of Philharmonic Orchestra. This orchestra provides an opportunity for students to continue instrumental development at an intermediate/advanced level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)</td>
</tr>
<tr>
<td>453361</td>
<td>Philharmonic Orchestra III</td>
<td>This orchestra provides an opportunity for students to continue instrumental development at an advanced level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)</td>
</tr>
<tr>
<td>454361</td>
<td>Philharmonic Orchestra IV</td>
<td>This orchestra provides an opportunity for students to continue instrumental development at an intermediate/advanced level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)</td>
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<tr>
<td>451371</td>
<td>Symphony Orchestra I</td>
<td>This orchestra provides an opportunity for students to continue instrumental development at an advanced level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)</td>
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<td>452371</td>
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<td>These classes are a continuation of Symphony Orchestra. This orchestra provides an opportunity for students to continue instrumental development at an advanced level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)</td>
</tr>
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</table>
45331  Orchestra III – Honors
Grade Placement: 11 – 12
Prerequisite: Orchestra II
Credit: 1
What's next? Symphony Orchestra IV – H

45431  Orchestra IV – Honors
Grade Placement: 12
Prerequisite: Orchestra III
Credit: 1
Although encompassing the same performance expectations as the regular orchestra course listed above, this course has an added emphasis on research and individualized study, leading to the development of comprehensive individual musicianship. Attendance at all outside of school rehearsals and performances is required. This is a full-year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

451101  Concert Band I
Grade Placement: 9 – 12
Prerequisite: Prior band experience recommended
Credit: 1
What's next? Concert Band II

452101  Concert Band II
Grade Placement: 10 – 12
Prerequisite: Band I
Credit: 1
What's next? Concert Band III

453101  Concert Band III
Grade Placement: 11 – 12
Prerequisite: Band II
Credit: 1
What's next? Concert Band IV

454101  Concert Band IV
Grade Placement: 12
Prerequisite: Band III
Credit: 1
These courses are a continuation of Concert Band. This band will perform as a part of the total band program at all designated football games, pep assemblies, parades, marching contests, concerts, and festivals. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full-year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

451121  Symphonic Band I
Grade Placement: 9 – 12
Prerequisite: Prior band experience recommended
Credit: 1
What's next? Symphonic Band II

451121  Symphonic Band I
Grade Placement: 9 – 12
Prerequisite: Prior band experience recommended
Credit: 1
What's next? Symphonic Band II

This band provides an opportunity for students to continue instrumental development at an intermediate/advanced level. This band will perform as a part of the total band program at all designated football games, pep assemblies, parades, marching contests, concerts, and festivals. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full-year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)
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<td>Band III</td>
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</table>

These courses are a continuation of Symphonic Band. This band will perform as a part of the total band program at all designated football games, pep assemblies, parades, marching contests, concerts, and festivals. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full-year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

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<th>Credit</th>
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This band provides an opportunity for students to continue instrumental development at an advanced level. This band will perform as a part of the total band program at all designated football games, pep assemblies, parades, marching contests, concerts, and festivals. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full-year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

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<th>Credit</th>
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Although encompassing the same performance expectations as the regular band course, this class has an added emphasis on research and individualized study, leading to the development of comprehensive individual musicianship. Attendance at all outside of school rehearsals and performances is required. This is a full-year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

*All courses may not be offered on every campus.*
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<tr>
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<th>Description</th>
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</thead>
</table>
| 451171      | Percussion Ensemble I      | Grade Placement: 9 – 10  
Prerequisite: Audition by instructor and band experience recommended  
Credit: .5  
What's next? Instrumental Ensemble II - Percussion  
These classes are designed for all percussionists in the band program to receive instruction in the same class period for marching season in the fall semester. All percussionists will be placed into a band class in the Spring Semester. Percussionists will perform as a part of the total band program at all designated football games, pep assemblies, parades, marching contests, concerts, and festivals. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6) |
| 452171      | Percussion Ensemble II     | Grade Placement: 10  
Prerequisite: Audition by instructor and band experience  
Credit: .5  
What's next? Instrumental Ensemble III - Percussion  
| 453171      | Percussion Ensemble III    | Grade Placement: 11 – 12  
Prerequisite: Audition by instructor and band experience  
Credit: .5  
What's next? Instrumental Ensemble IV - Percussion  
| 454171      | Percussion Ensemble IV     | Grade Placement: 12  
Prerequisite: Audition by instructor and band experience  
Credit: .5  
| 451191      | Jazz Band I                | Grade Placement: 9 – 10  
Prerequisite: Audition by instructor and instrumental experience recommended  
Credit: 1  
What's next? Jazz Band II  
This course is for those students interested in pursuing the study and performance of jazz/popular music. Students will perform in a variety of formal and informal settings and may participate in festivals and competitions. This course must be taken in conjunction with Band I except when instrumentation needs cannot be met with students within the band program. The study of improvisation will be incorporated into the curriculum of this course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6) |
| 452191      | Jazz Band II               | Grade Placement: 10  
Prerequisite: Audition by instructor and instrumental experience  
Credit: 1  
What's next? Jazz Band III  
| 453191      | Jazz Band III              | Grade Placement: 11 – 12  
Prerequisite: Audition by instructor and instrumental experience  
Credit: 1  
What's next? Jazz Band IV  
| 454191      | Jazz Band IV               | Grade Placement: 12  
Prerequisite: Audition by instructor and instrumental experience  
Credit: 1  
These courses are for those students interested in pursuing the study and performance of jazz/popular music. Students will perform in a variety of formal and informal settings and may participate in festivals and competitions. This course must be taken in conjunction with Band II, III, or IV except when instrumentation needs cannot be met with students within the band program. The study of improvisation will be incorporated into the curriculum of this course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6) |
451201  Concert Choir I  
Grade Placement: 9 – 12  
Prerequisite:  None  
Credit: 1  
What’s next? Concert Choir II  
This course is for male and/or female students with beginning or intermediate skills in sight-reading and choral singing. Instruction in this course will continue to develop vocal skills necessary for ensemble singing. Emphasis will be placed upon developing an appreciation for music. Students will perform in concert programs and participate in competitive events coordinated by the University Interscholastic League contests. Attendance at after school rehearsals and performances will be required to fulfill all course objectives. The voicing of this choir (Mixed, Treble or Tenor/Bass) is at the director’s discretion. This is a full-year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

452201  Concert Choir II  
Grade Placement: 10 – 12  
Prerequisite: Choir I  
Credit: 1  
What’s next? Concert Choir III  
These courses are a continuation of Concert Choir for male and/or female students with beginning or intermediate skills in sight-reading and choral singing. Instruction in this course will continue to develop vocal skills necessary for ensemble singing. Emphasis will be placed upon developing an appreciation for music. Students will perform in concert programs and participate in competitive events coordinated by the University Interscholastic League contests. Attendance at after school rehearsals and performances will be required to fulfill all course objectives. The voicing of this choir (Mixed, Treble or Tenor/Bass) is at the director’s discretion. This is a full-year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

453201  Concert Choir III  
Grade Placement: 11 – 12  
Prerequisite: Choir II  
Credit: 1  
What’s next? Concert Choir IV  
454201  Concert Choir IV  
Grade Placement: 12  
Prerequisite: Choir III  
Credit: 1  

451221  Mixed Choir I  
Grade Placement: 9 – 10  
Prerequisite: Prior choral experience recommended  
Credit: 1  
What’s next? Mixed Choir II  
This choir is for male and female students with intermediate or advanced skills in sight-reading and choral singing. Instruction in this course will continue to develop vocal skills necessary for ensemble signing. Emphasis will be placed upon the performance of diverse variety of choral styles. Students will perform in concert programs and participate in competitive events coordinated by the University Interscholastic League contests. Attendance at after school rehearsals and performances will be required to fulfill all course objectives. This is a full-year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Grade Placement</th>
<th>Prerequisite:</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>452221</td>
<td>Mixed Choir II</td>
<td>10</td>
<td>Choir I</td>
<td>1</td>
<td>These courses are a continuation of Concert or Mixed Choir for male and female students with advanced skills in sight-reading and choral singing. Instruction in this course will continue to develop vocal skills necessary for ensemble singing. Emphasis will be placed upon the performance of diverse variety of choral styles. Students will perform in concert programs and participate in competitive events coordinated by the University Interscholastic League contests. Attendance at after school rehearsals and performances will be required to fulfill all course objectives. This is a full-year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)</td>
</tr>
<tr>
<td>452221</td>
<td>Mixed Choir III</td>
<td>11 – 12</td>
<td>Choir II</td>
<td>1</td>
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<tr>
<td>454221</td>
<td>Mixed Choir IV</td>
<td>12</td>
<td>Choir III</td>
<td>1</td>
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<tr>
<td>451241</td>
<td>Tenor / Bass Choir I</td>
<td>9 – 12</td>
<td>None</td>
<td>1</td>
<td>This course is for male students with beginning or intermediate skills in sight-reading and choral singing. Instruction in this course will develop the vocal skills of the changing adolescent male voice. Emphasis will be placed upon developing an appreciation for music. Students will perform in concert programs and participate in competitive events coordinated by the University Interscholastic League contests. Attendance at after school rehearsals and performances will be required to fulfill all course objectives. This is a full-year course. Course placement is determined by audition. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)</td>
</tr>
<tr>
<td>452241</td>
<td>Tenor / Bass Choir II</td>
<td>10</td>
<td>Choir I</td>
<td>1</td>
<td>However, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)</td>
</tr>
<tr>
<td>453241</td>
<td>Tenor / Bass Choir III</td>
<td>11 – 12</td>
<td>Choir II</td>
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<tr>
<td>454241</td>
<td>Tenor / Bass Choir IV</td>
<td>12</td>
<td>Choir III</td>
<td>1</td>
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</tbody>
</table>
451271  Treble Choir I
Grade Placement: 9 – 10
Prerequisite: None
Credit: 1
What's next? Treble Choir II
This course is for female students with beginning or intermediate skills in sight-reading and choral singing. Instruction in this course will develop the vocal skills of the maturing adolescent female voice. Emphasis will be placed upon developing an appreciation for music. Students will perform in concert programs and participate in competitive events coordinated by the University Interscholastic League contests. Attendance at after school rehearsals and performances will be required to fulfill all course objectives. This is a full-year course. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

452271  Treble Choir II
Grade Placement: 10
Prerequisite: Choir I
Credit: 1
What's next? Treble Choir III
453271  Treble Choir III
Grade Placement: 11 – 12
Prerequisite: Choir II
Credit: 1
What's next? Treble Choir IV
454271  Treble Choir IV
Grade Placement: 12
Prerequisite: Choir III
Credit: 1
These courses are a continuation of Treble Choir for female students with beginning or intermediate skills in sight-reading and choral singing. Instruction in this course will develop the vocal skills of the maturing adolescent female voice. Emphasis will be placed upon developing an appreciation for music. Students will perform in concert programs and participate in competitive events coordinated by the University Interscholastic League contests. Attendance at after school rehearsals and performances will be required to fulfill all course objectives. This is a full-year course. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

453231  Choir III – Honors
Grade Placement: 11 – 12
Prerequisite: Choir II
Credit: 1
What's next? Choir IV – H
454231  Choir IV – Honors
Grade Placement: 12
Prerequisite: Choir III
Credit: 1
Although encompassing the same performance expectations as the regular choir courses listed above, this course has an added emphasis on research and individualized study, leading to the development of comprehensive individual musicianship. Attendance at after school rehearsals and performances will be required. This is a full-year course. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)

451261  Jazz / Show Choir I
Grade Placement: 9 – 12
Prerequisite: Audition by instructor and choral experience recommended
Credit: 1
What's next? Jazz / Show Choir II
This course is for those male and female students interested in pursuing the study and performance of jazz and popular music. Students will perform in a variety of formal and informal settings and may participate in festivals and competitions. This course must be taken in conjunction with Choir I-IV except when instrumentation needs cannot be met with students within that organization. The study of improvisation may be incorporated into the curriculum of this course. Attendance at after school rehearsals and performances will be required. This is a full-year course. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Grade Placement</th>
<th>Prerequisite:</th>
<th>Credit:</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>452261</td>
<td>Jazz / Show Choir II</td>
<td>10 - 12</td>
<td>Audition by instructor and choral experience</td>
<td>1</td>
<td>These courses are a continuation of Jazz/Show Choir for male and female students with intermediate to advanced music reading skills who are interested in pursuing the study and performance of jazz and popular music. Students will perform in a variety of formal and informal settings and may participate in extra-curricular festivals and competitions. This course must be taken in conjunction with Choir II, III, or IV except when instrumentation needs cannot be met with students within that organization. The study of improvisation will be incorporated into the curriculum of this course. Attendance at after school rehearsals and performances will be required. This is a full-year course. Additional supply fees may be associated with this course; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. (see Consumable Supply Fees on page 6)</td>
</tr>
<tr>
<td>453261</td>
<td>Jazz / Show Choir III</td>
<td>11 - 12</td>
<td>Audition by instructor and choral experience</td>
<td>1</td>
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<tr>
<td>454261</td>
<td>Jazz / Show Choir IV</td>
<td>12</td>
<td>Audition by instructor and choral experience</td>
<td>1</td>
<td></td>
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<tr>
<td>453401</td>
<td>Music Studies (Music Theory)</td>
<td>11 - 12</td>
<td>None</td>
<td>1</td>
<td>This course offers students opportunities to listen to, analyze, perform and create music from various styles and genres (e.g. folk, classical, jazz and popular music). One unit of this course may serve as the required fine arts credit for graduation.</td>
</tr>
<tr>
<td>454451</td>
<td>Music Theory AP</td>
<td>11 - 12</td>
<td>Knowledge of music fundamentals and / or approval of instructor</td>
<td>1</td>
<td>This course is a study of advanced music literacy, focusing on aural and written musical skills. This course covers material typically taught at a college freshman level. For students who plan to continue musical studies on the college level, this course will offer an essential opportunity for in-depth study and preparation. The expected outcome of this course is to prepare students for success on the Advanced Placement Music Theory exam.</td>
</tr>
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</table>
# Theatre Education

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
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<tbody>
<tr>
<td>451801</td>
<td>Theatre Arts I</td>
<td>9–12</td>
<td>1</td>
</tr>
<tr>
<td>452801</td>
<td>Theatre Arts II</td>
<td>10–12</td>
<td>1</td>
</tr>
<tr>
<td>453801</td>
<td>Theatre Arts III</td>
<td>11–12</td>
<td>1</td>
</tr>
<tr>
<td>454801</td>
<td>Theatre Arts IV</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>451901</td>
<td>Technical Theatre I</td>
<td>9–12</td>
<td>1</td>
</tr>
<tr>
<td>452901</td>
<td>Technical Theatre II</td>
<td>10–12</td>
<td>1</td>
</tr>
<tr>
<td>453901</td>
<td>Technical Theatre III</td>
<td>11–12</td>
<td>1</td>
</tr>
<tr>
<td>454901</td>
<td>Technical Theatre IV</td>
<td>12</td>
<td>1</td>
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<tr>
<td>451951</td>
<td>Musical Theatre I</td>
<td>11–12</td>
<td>1</td>
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<tr>
<td>455101</td>
<td>Theatre Production I</td>
<td>11–12</td>
<td>1</td>
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<tr>
<td>455201</td>
<td>Theatre Production II</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>455301</td>
<td>Theatre Production III</td>
<td>11–12</td>
<td>1</td>
</tr>
<tr>
<td>455401</td>
<td>Theatre Production IV</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>455131</td>
<td>Theatre Production I – Honors</td>
<td>11–12</td>
<td>1</td>
</tr>
<tr>
<td>455231</td>
<td>Theatre Production II – Honors</td>
<td>12</td>
<td>1</td>
</tr>
</tbody>
</table>

**451801 Theatre Arts I**

*Grade Placement: 9–12*
*Prerequisite: None*
*Credit: 1*
*What’s next? Theatre Arts II*

This course is an introduction to the high school theatre program. Basic acting techniques, technical theatre, and the fundamentals of play production are taught. The course also includes the training of the speaking voice, the study of stage diction, and an exploration of theatre history. **Students will be required to read plays and/or see local productions.**

**452801 Theatre Arts II**

*Grade Placement: 10–12*
*Prerequisite: Theatre Arts I (1 credit)*
*Credit: 1*
*What’s next? Theatre Arts III*

This course is for the student who wishes to explore further his/her studies of theatre. It is a continuation of Theatre I, stressing basic production and acting techniques, technical theatre, dramatic literature, and theatre history. **Students will be required to read plays and/or see local productions.** This course may not be offered at the senior high schools in which case, the student may sign up to take Theatre Arts III.
453801  Theatre Arts III  
Grade Placement: 11 – 12  
Prerequisite: Theatre Arts I (1 credit)  
Credit: 1  
What’s next? Theatre Arts IV  

Students in these courses will study technical theatre, play production, and various forms of programming. Special emphasis is given to acting techniques. The study of great actors and playwrights and their contributions to the World Theatre is explored along with the psychological aspect of performance. Students are expected to become involved in some play productions during the year. Students will be required to read plays and/or see local productions.

454801  Theatre Arts IV  
Grade Placement: 12  
Prerequisite: Theatre Arts I (1 credit)  
Credit: 1  

451901  Technical Theatre I  
Grade Placement: 9 – 12  
Prerequisite: An application may be required  
Credit: 1  
What’s next? Technical Theatre II  

Fundamentals of stage design set and property construction, as well as the principles of stage lighting and sound will be taught in this course. Stage production is an integral part of this class. Thus, each student will be required to attend play rehearsals and serve on production crews outside of class. Students will be required to read plays and/or see local productions.

452901  Technical Theatre II  
Grade Placement: 10 – 12  
Prerequisite: Technical Theatre I; an application may be required  
Credit: 1  
What’s next? Theatre Production I and III  

453901  Technical Theatre III  
Grade Placement: 11 – 12  
Prerequisite: Technical Theatre I, Technical Theatre II; an application may be required  
Credit: 1  
What’s next? Theatre Production I and III  

454901  Technical Theatre IV  
Grade Placement: 12  
Prerequisite: Technical Theatre I, Technical Theatre II, Technical Theatre III; an application may be required  
Credit: 1  
What’s next? Theatre Production I and III  

These courses are advanced explorations of all areas of technical theatre. Topics will include set design, set construction, lighting, sound, properties, costuming, and special effects. Students will study stage management, exploring various forms of leadership skills. Students will be required to attend play rehearsals and serve on production crews outside of class. Students will be required to read plays and/or see local productions.

451951  Musical Theatre  
Grade Placement: 11 - 12  
Prerequisite: One credit in two of the following: Theatre, Choir, or Dance (ex, Theatre I and Dance I, or Theatre I and Choir, or Theatre I and Theatre II), and audition  
Credit: 1  

Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will also provide an atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of musical theatre. Students will receive comprehensive and rigorous instruction so that they may make informed choices about the craft, college, and the profession. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and other aspects of a musical production.

All courses may not be offered on every campus.
### Theatre Production I
Grade Placement: 11 – 12
Prerequisite: Theatre Arts I, II, III, or IV; an audition and application are required
Credit: 1
What's next? Theatre Production II

Students enrolled in this course will continue their theatrical study for their own enrichment and will explore the relevance of theatre-related activities to everyday living. Emphasis will be placed on strengthening the individual's self-concept through the study of various acting techniques, technical theatre, play production, voice, acting, performance, movement, and drama as literature. **Students are required to participate in all productions on their campus either as a performer or technician.** A research paper/portfolio will be assigned, also. Students will be required to read plays and/or see local productions. These courses, Theatre Production I and II or Theatre Production III and IV, may be scheduled as a 2-hour block in a student's day on some campuses.

### Theatre Production II
Grade Placement: 11 – 12
Prerequisite: Theatre Arts I, II, III, or IV; an audition and application are required
Credit: 1
What's next? Theatre Production III, Theatre Production IV

### Theatre Production III
Grade Placement: 12
Prerequisite: Theatre Arts I, II, III, or IV; an audition and application are required
Credit: 1

### Theatre Production IV
Grade Placement: 12
Prerequisite: Theatre Arts I, II, III, or IV; an audition and application are required
Credit: 1

### Theatre Production I – Honors
Grade Placement: 11 – 12
Prerequisite: Audition and application required
Credit: 1
What's next? Theatre Production II–H

Although encompassing the same performance expectations as the regular theatre production course, this class has an added emphasis on research and individualized study, leading to the development of comprehensive individual theatrical skills. This course requires a contract for completion of course requirements in order to receive honors credit. **Students are required to participate in all productions on their campus either as a performer or technician.** A research paper/portfolio will be assigned, also. Students will be required to read plays and/or see local productions.

### Theatre Production II – Honors
Grade Placement: 12
Prerequisite: Audition and application required
Credit: 1

Although encompassing the same performance expectations as the regular theater production course, this class has an added emphasis on research and individualized study, leading to the development of comprehensive individual theatrical skills. This course requires a contract for completion of course requirements in order for the student to receive honors credit. **Students are required to participate in all productions on their campus either as a performer or technician.** A research paper/portfolio will be assigned, also. Students will be required to read plays and/or see local productions.
GIFTED EDUCATION (PACE / HUMANITIES)

To find out more about the Social Studies Texas Essential Knowledge and Skills (TEKS) click here.

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
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<th>Credits</th>
</tr>
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<tr>
<td>101041</td>
<td>Humanities I English I GT (English I Honors)</td>
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<tr>
<td>252041</td>
<td>Humanities II World History AP GT (AP World History)</td>
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<tr>
<td>S14251</td>
<td>American Studies (English III AP Language and Composition and AP U.S. History)</td>
<td>11</td>
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<tr>
<td>95243B</td>
<td>The Human Experience: Culture, Media and Perception - Honors</td>
<td>12</td>
<td>.5 – 1</td>
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</tbody>
</table>

**Humanities I English I GT (English I Honors)**

Grade Placement: 9
Prerequisite: G/T Identification
Credit: 1

**Humanities II World History AP GT (AP World History)**

Grade Placement: 10
Prerequisite: G/T Identification
Credit: 1

What’s next? American Studies

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 course integrates the Humanities into a combined English I Honors and AP World History two-year interdisciplinary course. The curriculum includes 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 period from the Renaissance to contemporary times. Students will learn and practice the craft of writing through various products. Literature from a variety of world traditions will also be a key focus. Ninth and tenth grade students will sit in the same class while earning credit in separate courses; ninth graders will earn English I Honors credit while tenth graders earn AP World History credit. At the conclusion of Humanities II, students may choose to sit for the AP World History exam in the hopes of earning college credit. Humanities does NOT fulfill the fine arts requirement for graduation and is not recognized as a fine arts course by TEA.

**American Studies (English III AP Language and Composition and AP U.S. History)**

Grade Placement: 11
Prerequisite: G/T Identification or AP World History recommended
Credit: 2

What’s next? The Human Experience: Culture, Media and Perception

Designed for the gifted and/or accelerated learner, American Studies integrates the Humanities into a combined AP US History and English III AP Language and Composition course to create a daily two hour cultural experience which demands students to simultaneously explore the connections between literature, history and the Humanities. Students will explore the history of the United States with an emphasis on both collaborative and independent work that emphasizes the study of rhetorical styles and the structures of important historical documents and readings. This course considers cultural accomplishments as manifested in art, architecture, literature, music, theater and philosophy. American literature of all genres is incorporated into the curriculum to enhance the depiction of various historical time periods. At the conclusion of the course, students may choose to take both the AP US History and the AP English Language and Composition exams to possible earn college credit.
The Human Experience: Culture, Media and Perception - Honors

The course focuses on overarching themes and 21st century issues; multi-media sources are examined requiring students to consider how the media influences students’ understanding of world events. The highly independent nature of this course encourages gifted and high achieving students to take ownership of their learning experience while exploring the connection between 21st century media and current events. A focus on skills such as persuasion, analysis, and research requires each student to develop a position on each topic. The course culminates in a “position presentation” on a topic of the student’s choice.
**HEALTH**

To find out more about the Health Education Texas Essential Knowledge and Skills (TEKS) click [here](#).

<table>
<thead>
<tr>
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<tr>
<td>30100B</td>
<td>Health I</td>
<td>9 – 12</td>
<td>.5</td>
</tr>
<tr>
<td>554201</td>
<td>Principles of Health Science</td>
<td>10 – 12</td>
<td>1</td>
</tr>
</tbody>
</table>

**30100B  Health I**  
Grade Placement: 9 – 12  
Prerequisite: None  
Credit: .5  

This course in health education is required of all students in grades nine through twelve. In Health I, students develop skills that will help them to become health-literate adults. Students gain a deeper understanding of the knowledge and behaviors they use to safeguard their health, particularly pertaining to health risks. Students are taught how to access accurate information that they can use to promote health for themselves and others in such areas as fitness, nutrition, mental/emotional health, substance abuse, and interpersonal relationships. Students use problem-solving, research, goal-setting, and communication skills to protect their health and that of the community. **This course is required for graduation.**

**554201  Principles of Health Science**  
Grade Placement: 10 – 12  
Prerequisite: Biology I or presently enrolled in Biology I  
Credit: 1  

Principles of Health Science is designed to provide students the opportunity for comprehensive study of human anatomy and physiology, medical terms, intro to basic patient care skills, AHA First Aid and CPR certification, as well as health career exploration. Students will also address the relevance of this class to today's health care industry. **This course is the required prerequisite for Health Science.** Successful completion of both semesters of this course will satisfy the Health credit required for graduation.
## JOURNALISM

To find out more about the English Language Arts Texas Essential Knowledge and Skills (TEKS) click [here](#).

<table>
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<th>Credits</th>
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<td>106401</td>
<td>Yearbook I</td>
<td>9 – 12</td>
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<tr>
<td>106501</td>
<td>Yearbook II</td>
<td>10 – 12</td>
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<tr>
<td>106601</td>
<td>Yearbook III</td>
<td>11 – 12</td>
<td>1</td>
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<tr>
<td>106001</td>
<td>Journalism</td>
<td>11 – 12</td>
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<tr>
<td>106101</td>
<td>Newspaper I</td>
<td>11 – 12</td>
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<tr>
<td>106201</td>
<td>Newspaper II</td>
<td>11 – 12</td>
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<tr>
<td>106751</td>
<td>Photojournalism</td>
<td>11 – 12</td>
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<tr>
<td>106701</td>
<td>Independent Study / Journalism</td>
<td>12</td>
<td>1</td>
</tr>
</tbody>
</table>

### 106401 Yearbook I
- Grade Placement: 9 – 12
- Prerequisite: Application may be required
- Credit: 1

*What's next?* Yearbook II

**Yearbook I** gives students the opportunity to create layouts, do copy work, and take photographs to prepare the high school yearbook.

### 106501 Yearbook II
- Grade Placement: 10 – 12
- Prerequisite: Yearbook I and application may be required
- Credit: 1

*What's next?* Yearbook III

**Yearbook II** is a continuation of Yearbook I. Students will be given the opportunity to do advanced layout and copy work for the high school yearbook. More extensive photographic work will be done.

### 106601 Yearbook III
- Grade Placement: 11 – 12
- Prerequisite: Yearbook I and application may be required
- Credit: 1

*What's next?* Newspaper I or Newspaper II

This course is designed to give students in-depth training in layout, copy writing, composition, advertising, and photography as well as to develop independent study projects.

### 106001 Journalism
- Grade Placement: 11 – 12
- Prerequisite: None
- Credit: 1

*What's Next?* Newspaper I or Newspaper II

This course is a general survey course of the mass media. Students will study the history of journalism, become familiar with careers available in the mass media, and learn the skills of reporting, news writing, and editing. Students will participate in extensive writing, revising, and editing.

### 106101 Newspaper I
- Grade Placement: 11 – 12
- Prerequisite: Journalism I and/or application
- Credit: 1

*What's next?* Newspaper II

This course is designed to give students practical experience in writing, editing, advertising, and producing publications. Class members will write, edit, and take photographs for the senior high newspaper.

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*All courses may not be offered on every campus.*
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>106201</td>
<td>Newspaper II</td>
<td>Students in this course will receive practical experience in writing, investigative reporting, editing, advertising, and processing the student newspaper. They will develop independent study projects and/or receive on the job training in a particular phase of the mass media.</td>
</tr>
<tr>
<td>106751</td>
<td>Photojournalism</td>
<td>Students enrolled in this course will refine and enhance their journalistic skills and plan, prepare, and produce photographs for a journalistic publication (such as the school yearbook).</td>
</tr>
<tr>
<td>106701</td>
<td>Independent Study / Journalism</td>
<td>This course offers the serious student of journalism the opportunity to conduct research, produce original work in print or some other media, develop an advanced skill, and study a specific area of interest.</td>
</tr>
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JUNIOR RESERVE OFFICER TRAINING (JROTC)

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>953101</td>
<td>JROTC 1</td>
<td>9 – 10</td>
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<tr>
<td>953201</td>
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<td>953301</td>
<td>JROTC 3</td>
<td>11 – 12</td>
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<tr>
<td>953401</td>
<td>JROTC 4</td>
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</table>

Students do not incur any military obligation by participating in JROTC courses. Uniforms are provided/fitted at no cost. Elective credit is granted for each semester of JROTC unless the course is counted as a substitution for the state 1 credit physical education requirement.

953101  JROTC 1
Grade Placement: 9 – 10
Prerequisite: None
Credit: 1
What's Next? JROTC 2

The focus of all instruction is on the enhancement of responsible citizenship and leadership. Through the Corps of Cadets, students learn to take and respond to orders, prepare for higher positions of responsibility, develop self-discipline, pride, bearing, self-control, and teamwork. Classroom subjects include a study of citizenship values using the Constitution, the Bill of Rights, American Military History; First Aid; and various physical training activities. Students may participate in extracurricular activities such academic team, leadership team, color guard, marksmanship team, drill team, honor guard, and physical fitness team. Several extracurricular competitions and other activities involving all members of the Corps of Cadets are conducted throughout the school year.

953201  JROTC 2
953301  JROTC 3
953401  JROTC 4
Grade Placement: 10 – 12
Prerequisite: JROTC 1, 2 or 3 (can be waived)
Credit: 1

These courses are a continuation of the previous JROTC level and are designed to place students in mid-level organizational leadership positions with increased responsibility and authority. Instruction will reinforce previous leadership and citizenship training and further develop the students’ ability to motivate and lead other students. Classroom subjects include intermediate leadership, oral and written communication, military history, the roles of the military forces, first aid, drug abuse prevention, and citizenship. Additionally, emphasis is placed on applying to colleges, pursuing scholarship opportunities, and understanding the process of college admittance. All extra-curricular activities and field trips are available to enrolled students. For a detailed overview of each JROTC course please go to:
http://k-12.pisd.edu/currinst/jrotc/index.htm
**LANGUAGES OTHER THAN ENGLISH**

To find out more about the Languages Other Than English Texas Essential Knowledge and Skills (TEKS) click [here](#).

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
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<th>Credits</th>
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<td>500101</td>
<td>American Sign Language I</td>
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<tr>
<td>500201</td>
<td>American Sign Language II</td>
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<tr>
<td>500301</td>
<td>American Sign Language III</td>
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<tr>
<td>501601</td>
<td>Chinese I</td>
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<td>502601</td>
<td>Chinese II</td>
<td>9 – 12</td>
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<tr>
<td>502631</td>
<td>Chinese II – Honors</td>
<td>9 – 12</td>
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<tr>
<td>503631</td>
<td>Chinese III – Honors</td>
<td>11 – 12</td>
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<tr>
<td>504651</td>
<td>Chinese IV AP</td>
<td>11 – 12</td>
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<tr>
<td>501101</td>
<td>French I</td>
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<td>502101</td>
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<td>502131</td>
<td>French II – Honors</td>
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<td>503131</td>
<td>French III – Honors</td>
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<td>German II</td>
<td>9 – 12</td>
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<td>German II – Honors</td>
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<td>503231</td>
<td>German III – Honors</td>
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<td>German IV AP</td>
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<tr>
<td>503401</td>
<td>Spanish III</td>
<td>9 – 12</td>
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</tr>
</tbody>
</table>

All courses may not be offered on every campus.
If students choose to accelerate in a language beyond the course offerings for a campus, please note that no transportation or scheduling solutions are guaranteed.

**500101  American Sign Language I**

Grade Placement: 9 – 12
Prerequisite: None
Credit: 1

*What's Next?* American Sign Language II

American Sign Language I is an introduction to the language and the culture. The main emphasis is on communication while developing receptive and productive skills. The student will be guided in recognizing the interrelationships of languages and will develop a cultural appreciation of the deaf world. The expected outcome of this course will be developing novice mid proficiency. **This course is conducted in ASL (without voice) a significant amount of time.**

**500201  American Sign Language II**

Grade Placement: 10 – 12
Prerequisite: American Sign Language I
Credit: 1

*What's Next?* American Sign Language III

American Sign Language II continues to develop communicative skills. The major emphasis is on developing receptive and productive language skills. Expansion of vocabulary and grammatical structures continues, and further exploration of Deaf Culture will be addressed and explored. The expected outcome of this course will be developing novice high proficiency. **This course is conducted in ASL (without voice) a significant amount of time.**

**500301  American Sign Language III**

Grade Placement: 11 – 12
Prerequisite: American Sign Language I and American Sign Language II
Credit: 1

American Sign Language III is an intermediate level class for students who have successfully completed ASL 1 and 2. Students will continue to build upon their expressive and receptive language and vocabulary skills. Learning to recognize and produce ASL sentences using grammatical features such as location classifiers, quantifiers, temporal aspect inflection, and spatial agreement will be emphasized. Students continue cultural exploration of the Deaf Community. The expected outcome of this course will be developing intermediate low-mid proficiency. **This course is conducted in ASL (without voice) a significant amount of time.**

<table>
<thead>
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<td>503431</td>
<td>Spanish III – Honors</td>
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<td>504401</td>
<td>Spanish IV</td>
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<tr>
<td>504451</td>
<td>Spanish IV AP</td>
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<td>505451</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Description</td>
<td>Placement Requirement</td>
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</tr>
<tr>
<td>501601</td>
<td>Chinese I</td>
<td>Chinese I is an introduction to the Chinese world, its language and its people. The main emphasis is on oral skills while developing reading and writing skills. The student will be guided in recognizing the interrelationships of language and will develop a cultural appreciation of the Chinese world. The expected outcome of this course is developing novice mid proficiency. <strong>This course is conducted in Chinese a significant amount of time.</strong></td>
<td>Grade 9 – 10</td>
</tr>
<tr>
<td>502601</td>
<td>Chinese II</td>
<td>Chinese II continues to develop the oral skills with added emphasis on reading and writing skills. Expansion of vocabulary and grammatical structures continues. Culturally related actives of selected Chinese speaking countries or regions will be explored. The expected outcome of this course is developing novice mid-high proficiency. <strong>This course is conducted in Chinese a significant amount of time. NOTE: Chinese III H is NOT offered at the High School (9th and 10th grade) campuses.</strong></td>
<td>Grade 9 – 12</td>
</tr>
<tr>
<td>502631</td>
<td>Chinese II Honors</td>
<td>Chinese II Honors continues to develop the oral skills with added emphasis on reading and writing skills. Expansion of vocabulary and grammatical structures continues. Culturally related actives of selected Chinese speaking countries or regions will be explored. The expected outcome of this course is developing novice mid-high proficiency. <strong>This course is conducted in Chinese a significant amount of time. NOTE: Chinese III H is NOT offered at the High School (9th and 10th grade) campuses.</strong></td>
<td>Grade 9 – 12</td>
</tr>
<tr>
<td>503631</td>
<td>Chinese III Honors</td>
<td>Chinese III Honors continues to develop the oral and writing skills with added emphasis on reading and increased emphasis on Advanced Placement exam preparation. Expansion of vocabulary and grammatical structures continues. Culturally-related activities of selected Chinese regions will be explored. The expected outcome of the course is developing intermediate low-mid proficiency. <strong>This course is conducted predominately in Chinese. NOTE: Chinese III H is NOT offered on High School (9th and 10th grade) campuses.</strong></td>
<td>Grade 11 – 12</td>
</tr>
<tr>
<td>504651</td>
<td>Chinese IV AP</td>
<td>Chinese IV AP prepares students to demonstrate intermediate mid-high proficiency across the full range of language skills within a cultural frame of reference. The course will develop reading proficiency of authentic texts, fiction and non-fiction, listening proficiency of formal and colloquial authentic language, and writing proficiency in descriptive, expository, and persuasive styles. This course utilizes critical thinking, reading, and writing skills. The expected outcome of this course is developing intermediate mid-high proficiency and to prepare students for success on the AP Chinese Language and Culture exam. <strong>This course is conducted predominately in Chinese.</strong></td>
<td>Grade 11 – 12</td>
</tr>
</tbody>
</table>
French I is an introduction to the French language and culture. Students in this course will develop speaking, writing, and reading proficiency on topics dealing with the everyday life of a student. Students will be guided in recognizing the interrelationships between cultures and will be able to identify cultural perspectives and practices of the Francophone world. The expected outcome of this course is developing novice mid proficiency. **This course is conducted in French a significant amount of time.**

French II continues to introduce students to French language and culture. Students in this course will develop speaking, writing, and reading proficiency on topics expanded to include life outside of school and in the real world. Students will be guided in recognizing the interrelationships between cultures and will be able to identify cultural perspectives and practices of the Francophone world. The expected outcome of this course is developing novice mid-high proficiency. **This course is conducted in French a significant amount of time.**

French II Honors continues to introduce students to French language and culture. Students in this course will develop speaking, writing, and reading proficiency on topics expanded to include life outside of school and in the real world. Students in this course will be expected to expand their vocabulary and increase the complexity of their products by owning their own learning, implementing personal and self-selected vocabulary, and demonstrating an ability to respond to tasks requiring high cognition and outside-the-box thinking. Students will be guided in recognizing the interrelationships between cultures and will be able to identify cultural perspectives and practices of the Francophone world. The expected outcome of this course is developing novice mid-high proficiency. **This course is conducted in French a significant amount of time.**

French III Honors introduces students to content-based thematic learning. Students in this course will continue to develop speaking, writing, and reading proficiency as they work with real-life issues, topics, and concerns in specific contexts. Use of applicable resources will allow local and global cultural perspectives within each context. Students in this course will be supported as they expand their vocabulary and increase the complexity of their products by owning their own learning, implementing personal and self-selected vocabulary, and demonstrating an ability to respond to tasks requiring high cognition and creative thinking. The expected outcome of this course is developing intermediate low-mid proficiency. **This course is conducted predominately in French.**

*All courses may not be offered on every campus.*
504151  French IV AP
Grade Placement:  11 – 12
Prerequisite:  French I, II and III
Credit:  1

French IV-AP prepares students to demonstrate intermediate mid-high proficiency across the full range of language skills within a cultural frame of reference. Students will be expected to demonstrate an understanding of the target culture, incorporate interdisciplinary topics, make cultural comparisons, and communicate in a variety of settings. Using current events, global viewpoints and cultural literature, integrated resources, and content-based instruction, students will develop an increased awareness in the products, practices, and perspectives of the Francophone world. The expected outcome of this course is developing intermediate mid-high proficiency and to prepare students for success on the AP French Language and Culture Exam. This course is conducted in French.

505131  French V – Honors
Grade Placement:  12
Prerequisite:  French I, II, III and IV
Credit:  1

French V Honors prepares students to demonstrate Intermediate high-advanced proficiency across the full range of language skills within a cultural frame of reference. Students will be expected to demonstrate an understanding of the target culture, incorporate interdisciplinary topics, make cultural comparisons, and communicate in a variety of settings. Using current events, global viewpoints and cultural literature, integrated resources, and content-based instruction, students will develop an increased awareness in the products, practices, and perspectives of the Francophone world. The expected outcome of this course is developing Intermediate high-advanced proficiency and to prepare students for success on the AP French Language and Culture Exam. This course is conducted in French.

501201  German I
Grade Placement:  9 – 10
Prerequisite:  None
Credit:  1
What's Next?  German II or German II Honors

German I is an introduction to German language and culture. Students in this course will develop speaking, writing, and reading proficiency on topics dealing with the everyday life of a student. Students will be guided in recognizing the interrelationships of between cultures and will be able to identify cultural perspectives and practices of the German speaking world. The expected outcome of this course is developing novice mid proficiency. This course is conducted in German a significant amount of time.

502201  German II
Grade Placement:  9 – 12
Prerequisite:  German I
Credit:  1
What's Next?  German III Honors

German II continues to introduce students to German language and culture. Students in this course will develop speaking, writing, and reading proficiency on topics expanded to include life outside of school and in the real world. Students will be guided in recognizing the interrelationships of between cultures and will be able to identify cultural perspectives and practices of the German speaking world. The expected outcome of this course is developing novice mid-high proficiency. This course is conducted in German a significant amount of time. NOTE: German III H is not offered on High School (9th and 10th grade) campuses.
502231  German II – Honors
Grade Placement: 10 – 12
Prerequisite: German I
Credit: 1
What's Next? German III Honors
German II Honors continues to introduce students to German language and culture. Students in this course will develop speaking, writing, and reading proficiency on topics expanded to include life outside of school and in the real world. Students in this course will be expected to expand their vocabulary and increase the complexity of their products by owning their own learning, implementing personal and self-selected vocabulary, and demonstrating an ability to respond to tasks requiring high cognition and outside-the-box thinking. Students will be guided in recognizing the interrelationships of between cultures and will be able to identify cultural perspectives and practices of the German speaking world. The expected outcome of this course is developing novice mid-high proficiency. **This course is conducted in German a significant amount of time. NOTE: German III H is not offered on High School (9th and 10th grade) campuses.**

503231  German III – Honors
Grade Placement: 11 – 12
Prerequisite: German I and German II
Credit: 1
What's Next? German IV AP
German III Honors introduces students to content-based thematic learning. Students in this course will continue to develop speaking, writing, and reading proficiency as they work with real-life issues, topics, and concerns in specific contexts. Use of applicable resources will allow local and global cultural perspectives within each context. Students in this course will be supported as they expand their vocabulary and increase the complexity of their products by owning their own learning, implementing personal and self-selected vocabulary, and demonstrating an ability to respond to tasks requiring high cognition and creative thinking. The expected outcome of this course is developing intermediate low-mid proficiency. **This course is conducted predominantly in German. NOTE: German III H is not offered on High School (9th and 10th grade) campuses.**

504251  German IV AP
Grade Placement: 12
Prerequisite: German I, II and III
Credit: 1
German IV-AP prepares students to demonstrate intermediate mid-high proficiency across the full range of language skills within a cultural frame of reference. Students will be expected to demonstrate an understanding of the target culture, incorporate interdisciplinary topics, make cultural comparisons, and communicate in a variety of settings. Using current events, global viewpoints and cultural literature, integrated resources, and content-based instruction, students will develop an increased awareness in the products, practices, and perspectives of the German speaking world. The expected outcome of this course is developing intermediate mid-high proficiency and to prepare students for success on the AP German Language and Culture Exam. **This course is conducted in German.**
**501401 Spanish I**  
Grade Placement: 9 – 12  
Prerequisite: None  
Credit: 1  
What's Next? Spanish II or Spanish II Honors  

Spanish I is an introduction to Spanish language and culture. Students in this course will develop speaking, writing, and reading proficiency on topics dealing with the everyday life of a student. Students will be guided in recognizing the interrelationships of between cultures and will be able to identify cultural perspectives and practices of the Spanish speaking world. The focus of this course is developing novice mid proficiency. **This course is conducted in Spanish a significant amount of time.**

**502401 Spanish II**  
Grade Placement: 9 – 12  
Prerequisite: Spanish I  
Credit: 1  
What's Next? Spanish III or Spanish III Honors  

Spanish II continues to introduce students to Spanish language and culture. Students in this course will develop speaking, writing, and reading proficiency on topics expanded to include life outside of school and in the real world. Students will be guided in recognizing the interrelationships of between cultures and will be able to identify cultural perspectives and practices of the Spanish speaking world. The focus of this course is developing novice mid-high proficiency. **This course is conducted in Spanish a significant amount of time.**

**502431 Spanish II Honors**  
Grade Placement: 9 – 12  
Prerequisite: Spanish I  
Credit: 1  
What's Next? Spanish III or Spanish III Honors  

Spanish II Honors continues to introduce students to Spanish language and culture. Students in this course will develop speaking, writing, and reading proficiency on topics expanded to include life outside of school and in the real world. Students in this course will be expected to expand their vocabulary and increase the complexity of their products by owning their own learning, implementing personal and self-selected vocabulary, and demonstrating an ability to respond to tasks requiring high cognition and outside-the-box thinking. Students will be guided in recognizing the interrelationships of between cultures and will be able to identify cultural perspectives and practices of the Spanish speaking world. The expected outcome of this course is developing novice mid-high proficiency. **This course is conducted in Spanish a significant amount of time.**

**503401 Spanish III**  
Grade Placement: 10 – 12  
Prerequisite: Spanish II or Spanish II Honors  
Credit: 1  
What's Next? Spanish IV or Spanish IV/V AP  

Spanish III introduces students to content-based thematic learning. Students in this course will continue to develop speaking, writing, and reading proficiency as they work with real-life issues, topics, and concerns in specific contexts. Use of applicable resources will allow local and global cultural perspectives within each context. Students in this course will be supported as they expand their vocabulary and increase the complexity of their products by owning their own learning, implementing personal and self-selected vocabulary, and demonstrating an ability to respond to tasks requiring high cognition and creative thinking. The expected outcome of this course is developing intermediate low-mid proficiency. **This course is conducted predominantly in Spanish.**

*All courses may not be offered on every campus.*
Spanish III Honors introduces students to content-based thematic learning. Students in this course will continue to develop speaking, writing, and reading proficiency as they work with real-life issues, topics, and concerns in specific contexts. Use of applicable resources will allow local and global cultural perspectives within each context. Students in this course will be expected to expand their vocabulary and increase the complexity of their products by owning their own learning, implementing personal and self-selected vocabulary, and demonstrating an ability to respond to tasks requiring high cognition and creative thinking. The expected outcome of this course is developing intermediate low-mid proficiency. This course is conducted predominantly in Spanish.

Spanish IV continues content-based thematic learning. Students in this course will continue to develop speaking, writing, and reading proficiency as they work with real-life issues, topics, and concerns in specific contexts. Students in this course will be supported as they expand their vocabulary and increase the complexity of their products by owning their own learning, implementing personal and self-selected vocabulary, and demonstrating an ability to respond to tasks requiring high cognition and creative thinking. The expected outcome of this course is developing intermediate mid-high proficiency. This course is conducted predominantly in Spanish.

Spanish IV-AP prepares students to demonstrate intermediate mid-high proficiency across the full range of language skills within a cultural frame of reference. Students will be expected to demonstrate an understanding of the target culture, incorporate interdisciplinary topics, make cultural comparisons, and communicate in a variety of settings. Using current events, global viewpoints and cultural literature, integrated resources, and content-based instruction, students will develop an increased awareness in the products, practices, and perspectives of the Spanish speaking world. The expected outcome of this course is developing intermediate mid-high proficiency and to prepare students for success on the AP Spanish Language and Culture Exam. This course is conducted in Spanish.

Spanish V-AP is designed to provide students with an introduction to Peninsular and Latin American literature. Students will be expected to focus on literary, poetry, and text analysis, and be able to explicate diverse genres of literature as well as wide variety types of discourse. The expanded timeline will enable students to trace the history of Spanish prose from Don Juan Manuel to modern times. The expected outcome of this course is developing intermediate high-advanced proficiency and to prepare students for success on the AP Spanish Literature Exam. This course is conducted in Spanish.
To find out more about the Mathematics Texas Essential Knowledge and Skills (TEKS) click [here](#).

<table>
<thead>
<tr>
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<th>Grade</th>
<th>Credits</th>
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<td>152171</td>
<td>Algebra I (eSchool)</td>
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<td>152031</td>
<td>Algebra I – H/PreAP</td>
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<td>Geometry</td>
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<td>Geometry (eSchool)</td>
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<td>153031</td>
<td>Geometry – H/PreAP</td>
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<td>154001</td>
<td>Algebra II</td>
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<td>154051</td>
<td>Algebra II (eSchool)</td>
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<td>153501</td>
<td>Mathematical Models with Applications</td>
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<td>157001</td>
<td>Advanced Quantitative Reasoning</td>
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<tr>
<td>156001</td>
<td>Math Independent Study</td>
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</tr>
<tr>
<td>155001</td>
<td>Pre-Calculus</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>155031</td>
<td>Pre-Calculus – H/PreAP</td>
<td>10 – 12</td>
<td>1</td>
</tr>
<tr>
<td>158001</td>
<td>Statistics</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>158051</td>
<td>AP Statistics</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>159151</td>
<td>AP Calculus – AB</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>159251</td>
<td>AP Calculus – BC</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>159301</td>
<td>Multivariable Calculus</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>401001</td>
<td>Computer Science I</td>
<td>9 – 10</td>
<td>1</td>
</tr>
<tr>
<td>403701</td>
<td>AP Computer Science Principles</td>
<td>9 – 10</td>
<td>1</td>
</tr>
<tr>
<td>401001 &amp; 402001</td>
<td>Computer Science I &amp; II</td>
<td>11 – 12</td>
<td>2</td>
</tr>
<tr>
<td>401051</td>
<td>AP Computer Science A</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>403501</td>
<td>Computer Science III</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>403531</td>
<td>Computer Science III Honors</td>
<td>11 – 12</td>
<td>1</td>
</tr>
</tbody>
</table>

All courses may not be offered on every campus.
<table>
<thead>
<tr>
<th>Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>556351</td>
<td>Digital Electronics (PLTW)</td>
<td>11 – 12</td>
<td>1</td>
</tr>
</tbody>
</table>

If students choose to accelerate beyond the course offerings for a campus, please note that no transportation is provided and scheduling solutions are not guaranteed.

**152001 Algebra I**
- Grade Placement: 9 – 10
- Prerequisite: Eighth grade mathematics (for ninth grade students)
- Credit: 1
- What's Next? Geometry

This course develops students' ability to think algebraically and reason symbolically. The primary focal points in Algebra I include the study of linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology to model mathematical situations to solve meaningful problems.

Students in this honors course explore topics from Algebra 1 but explore these same functions more deeply. Connections are made between algebra and other areas of mathematics.

**152031 Algebra I – H/PreAP**
- Grade Placement: 9
- Prerequisite: Eighth grade mathematics (for ninth grade students), teacher recommendation suggested
- Credit: 1
- What's Next? Geometry or Geometry – H/PreAP

**153001 Geometry**
- Grade Placement: 9 – 11
- Prerequisite: Algebra I
- Credit: 1
- What's Next? Math Models or Algebra II

Within this course, students develop reasoning used to describe geometric contexts and the physical world. Explorations will include coordinate and transformational geometry, logical arguments and constructions, proof and congruence, figures and their properties, similarity, trigonometry, and probability. Students will use tools to acquire and demonstrate new understandings.

**153031 Geometry – H/PreAP**
- Grade Placement: 9 – 10
- Prerequisite: Algebra I or Algebra I H/PreAP
- Credit: 1
- What's Next? Algebra II or Algebra II H/PreAP

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.

**154001 Algebra II**
- Grade Placement: 10 – 12
- Prerequisite: Algebra I and Geometry, or concurrently enrolled in Geometry
- Credit: 1
- What's Next? Pre-Calculus

In this course students will build on their knowledge from Algebra 1 to broaden their understanding of quadratic and exponential functions, as well as extend their study of systems of equations and inequalities. Additional functional relationships explored in this course include logarithmic, square root, cubic, absolute value, and rational functions. Students will study transformations and inverses of these functions, as well as using the functions in data analysis.

**154031 Algebra II – H/PreAP**
- Grade Placement: 10 – 12
- Prerequisite: Algebra I, Algebra I H/PreAP, Geometry, or Geometry H/PreAP
- Credit: 1
- What's Next? Pre-Calculus or Pre-Calculus H/PreAP

This course includes a more challenging and rigorous study of algebraic thinking and symbolic reasoning, as well as extensions of the topics listed in the above description. Students use multiple representations and precise mathematical language to describe patterns, solve problems, and justify their reasoning.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Grade Placement</th>
<th>Prerequisite</th>
<th>Credit</th>
<th>What's Next?</th>
</tr>
</thead>
<tbody>
<tr>
<td>153501</td>
<td>Mathematical Models with Applications</td>
<td>This course is designed to build on knowledge from prior math courses and be a path to success in Algebra II. Students learn to apply mathematics to areas such as personal finance, engineering, fine arts, and social sciences. Real-life application problems are solved and modeled using a variety of algebraic tools and technology. <strong>This course may not be offered on all campuses.</strong></td>
<td>11 – 12</td>
<td>Algebra I and Geometry</td>
<td>1</td>
<td>Algebra II</td>
</tr>
<tr>
<td>157001</td>
<td>Advanced Quantitative Reasoning</td>
<td>Advanced Quantitative Reasoning (AQR) is a capstone mathematics course that follows Algebra I, Geometry, and Algebra II. It builds on and extends what students have learned and covers other mathematics topics not typically taught in high school. The course reinforces needed skills as students study new topics in relevant, engaging contexts. The course also helps students develop college and career skills such as collaborating, conducting research, and making presentations. <strong>This course may not be offered on all campuses.</strong></td>
<td>11-12</td>
<td>Algebra II and Geometry</td>
<td>1</td>
<td>Pre-Calculus</td>
</tr>
<tr>
<td>156001</td>
<td>Math Independent Study</td>
<td>Math Independent Study (MIS) is a capstone mathematics course that follows Algebra I, Geometry, and Algebra II that allows teachers and students to explore further applications of their previous studies, which may include trigonometry, statistics, probability, functions, logic, and data analysis.</td>
<td>11 – 12</td>
<td>Algebra II</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>155001</td>
<td>Pre-Calculus</td>
<td>This course is the preparation for calculus, whether it is taken in high school or at the college setting. Study topics include polynomial, rational, power (including radical), exponential, logarithmic, trigonometric, and piecewise-defined functions; conic sections, their properties, and parametric representations; sequences and series; and vectors to model physical situations. Students deepen their mathematical understanding and fluency with algebra and trigonometry.</td>
<td>11 – 12</td>
<td>Algebra II and Geometry</td>
<td>1</td>
<td>AP Calculus AB, AP Statistics</td>
</tr>
<tr>
<td>155031</td>
<td>Pre-Calculus – H/PreAP</td>
<td>This course includes a more challenging and rigorous study of the relationships described above. Students deepen their ability to make connections and apply procedures at higher levels. Additional topics in this course lead to AP Calculus.</td>
<td>10 – 12</td>
<td>Algebra II or Algebra II H/PreAP and Geometry or Geometry H/IH/PreAP</td>
<td>1</td>
<td>AP Calculus BC, AP Statistics</td>
</tr>
<tr>
<td>158001</td>
<td>Statistics</td>
<td>In this course students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations and will extend their knowledge of data analysis.</td>
<td>11 – 12</td>
<td>Algebra I required, Algebra II recommended</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>158051</td>
<td>AP Statistics</td>
<td>AP Statistics is built around four main topics: exploring data, planning a study, understanding probability theory, and acquiring critical inferential reasoning skills. Students will actively participate in both short and long-term &quot;hands-on&quot; projects. This course prepares the student to take the Advanced Placement exam.</td>
<td>11 – 12</td>
<td>Pre-Calculus or concurrently enrolled in Pre-Calculus</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
159151 AP Calculus AB
159251 AP Calculus BC

Grade Placement: 11 - 12
Prerequisite: Pre-Calculus or Pre-Calculus-H
Credit: 1

AP Calculus AB: This course is the study of elementary functions; limit of a function; derivative; integral and techniques of integration; and applications of calculus to real-world problems in the fields of life science, business and economics, social science, physics, and engineering. Students who have already received credit for AP Calculus AB who enroll in AP Calculus BC will only receive local credit for 1<sup>st</sup> semester of the course.

AP Calculus BC: Calculus BC represents one semester beyond Calculus AB. It covers all the topics in Calculus AB, but is more extensive. Students cover the additional topics of vector functions, polar coordinates, and Epsilon-delta proofs.

Each course prepares the student to take the corresponding Advanced Placement exam.

159301 Multivariable Calculus

Grade Placement: 11 – 12
Prerequisite: AP BC Calculus
Credit: 1 (elective credit)

Multivariable Calculus takes the concepts learned in the single variable calculus course and extends them to multiple dimensions. Topics discussed include: vector algebra; applications of the dot and cross product; equations of lines, planes, and surfaces in space; converting between rectangular, cylindrical, and spherical coordinates; continuity, differentiation, and integration of vector-valued functions; application of vector-valued functions such as curvature, arc length, speed, velocity, and acceleration; continuity, limits, and derivatives of multivariable functions, tangent planes and normal lines of surfaces; applying double and triple integrals to multivariable functions to find area, volume, surface area, mass, center of mass, and moments of inertia; vector fields; finding curl and divergence of vector fields; line integrals; conservative vector fields, conservation of energy; Green’s Theorem; parametric surfaces, including normal vectors, tangent planes, and areas; orientation of a surface; Divergence Theorem; and Stokes’s Theorem.

401001 Computer Science I

Grade Placement: 9 – 10
Prerequisite: Algebra I
Credit: 1 (elective credit)

What’s next? Computer Science II or AP Computer Science A

Computer Science I is an introduction to the automated processing of information, including computer programming. This course gives students the conceptual background necessary to understand and construct programs. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will also learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. The learning in this course equips students to read and write small programs in the language of Java in response to a given problem or scenario. No previous coding / programming experience is required.

403701 AP Computer Science Principles

Grade Placement: 9 – 10
Prerequisite: None
Credit: 1

What’s next? Computer Science I or AP Computer Science A

AP Computer Science Principles helps students prepare for success not only in computer science majors and careers but also throughout a broad range of other fields and interests. Along with the fundamentals of computing, students will learn creative problem solving and have an opportunity to use computer science to address real-world issues that interest them. No previous coding / programming experience is required.

All courses may not be offered on every campus.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>401001 &amp; 402001</td>
<td>Computer Science I &amp; II</td>
<td>This class builds students’ analytical skills and fosters creativity through learning about computers, technology applications, and programming language. This is a one year course that blends the curriculum of Computer Science I and II into a one year, one class experience. Upon completion of the course the student will have created software such as an interactive program and or an animated graphics display. <strong>Successful completion of 1st semester is required to remain in class for 2nd semester.</strong></td>
</tr>
<tr>
<td>401051</td>
<td>AP Computer Science A</td>
<td>This course serves as an introduction to computers and the study of managing and processing information. The emphasis is on solving real world problems by means of computer programming (software engineering). Students will learn thoroughly the Java programming language and apply those skills in exploring how computers work. Some topics covered include object-oriented techniques, file management, data structures, classes, objects, graphics, debugging, hardware components, and social implications. The course includes an in depth treatment of the AP Simulation Case Study. Students will have the option of taking the AP Exam for which many colleges will grant up to 3 hours of college credit. <strong>Successful completion of both semesters of this course will satisfy a mathematics credit.</strong></td>
</tr>
<tr>
<td>403501</td>
<td>Computer Science III</td>
<td>This course has four main goals: develop advanced software engineering skills in the Java programming language; teach advanced data structures such as linked lists, trees, classes, and data files; expose students to the development and analysis of classic computer algorithms such as sorting, searching, recursion, and numerical analysis; recognize the ethical and social implications of computer use. Students will develop major software projects over topics such as databases, sorting, business applications, and graphics.</td>
</tr>
<tr>
<td>403531</td>
<td>Computer Science III Honors</td>
<td>This course has four main goals: develop advanced software engineering skills in the Java programming language; teach advanced data structures such as linked lists, trees, classes, and data files; expose students to the development and analysis of classic computer algorithms such as sorting, searching, recursion, and numerical analysis; recognize ethical and social implications of computer use. Students will develop major software projects over topics such as databases, sorting, business applications, and graphics.</td>
</tr>
</tbody>
</table>

All courses may not be offered on every campus.
Digital Electronics is the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discreet voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. Digital electronics is the foundation of modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, and high-definition televisions. The primary focus of Digital Electronics is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. **Successful completion of both semesters of this course will receive math credit.**
### MISCELLANEOUS COURSES

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>951501</td>
<td>Mapping for Academic and Personal Success (MAPS)</td>
<td>9 – 10</td>
<td>0.5 – 1</td>
</tr>
<tr>
<td>951601</td>
<td>AVID I</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td>951701</td>
<td>AVID II</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>951801</td>
<td>AVID III</td>
<td>11</td>
<td>1</td>
</tr>
<tr>
<td>951901</td>
<td>AVID IV</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>952691</td>
<td>Library Aide*</td>
<td>10, 12</td>
<td>0</td>
</tr>
<tr>
<td>952791</td>
<td>Office Aide*</td>
<td>10, 12</td>
<td>0</td>
</tr>
<tr>
<td>952301</td>
<td>Student Senate (Government &amp; Leadership)</td>
<td>11 – 12</td>
<td>0.5 – 1</td>
</tr>
<tr>
<td>952391</td>
<td>Student Senate*</td>
<td>11 – 12</td>
<td>0</td>
</tr>
<tr>
<td>952501</td>
<td>(PAL) Peer Assistance and Leadership</td>
<td>10, 12</td>
<td>1</td>
</tr>
<tr>
<td>952591</td>
<td>(PAL) Peer Assistance and Leadership*</td>
<td>12</td>
<td>0</td>
</tr>
<tr>
<td>952491</td>
<td>Academic Decathlon**</td>
<td>11 – 12</td>
<td>0</td>
</tr>
<tr>
<td>952601</td>
<td>Peer Assistance for Students with Disabilities</td>
<td>9 – 12</td>
<td>0.5 – 2</td>
</tr>
</tbody>
</table>

* These courses receive **no state credit** and grades are not calculated in the Grade Point Average (GPA).

** This course receives **no state credit**.

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**951501 Mapping for Academic and Personal Success (MAPS)**

The course focuses on the skills and strategies necessary for students to make a successful transition into high school and an academic career. Students will explore the options available in high school, higher education, and the professional world in order to establish both immediate and long-range personal goals. After identifying their individual learning styles and abilities, students will build on these abilities by developing critical time management, organization and study skills. The course focuses on self-understanding, decision-making, resiliency, attitude, character education, and leadership to help students maximize personal achievement. It emphasizes proactive problem solving, self-determination, and independent thinking and learning skills. In addition, students will explore and experience collaboration as a tool for creative problem solving. As part of the goal setting and leadership activities, students may complete an outside community service learning experience in addition to class assignments.
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>951601</td>
<td>AVID I</td>
<td>The AVID course is designed to prepare students for success in postsecondary education. This is the beginning-level course which, when combined with AVID 2, 3 and 4, will provide support and skill development in areas specifically aligned with success in rigorous courses in the foundation content areas and in preparing students for success in college. A recommendation, application and interview are required. Students must be accepted into the AVID program. Successful completion of this course will also satisfy the speech requirement for graduation.</td>
</tr>
<tr>
<td>951701</td>
<td>AVID II</td>
<td>The AVID course is designed to prepare students for success in postsecondary education. This course will provide support and skill development in areas specifically aligned with success in rigorous courses and in preparing students for success in college. A recommendation, application and interview are required. Students must be accepted into the AVID program.</td>
</tr>
<tr>
<td>951801</td>
<td>AVID III</td>
<td></td>
</tr>
<tr>
<td>951901</td>
<td>AVID IV</td>
<td></td>
</tr>
<tr>
<td>952691</td>
<td>Library Aide (NO STATE CREDIT, NO GPA)</td>
<td>Students will receive experiences in various aspects of the operation of the library. A student may be an aide for a maximum of 2 semesters in four years.</td>
</tr>
<tr>
<td>952791</td>
<td>Office Aide (NO STATE CREDIT, NO GPA)</td>
<td>Students will receive experience in various campus offices or counselors’ offices. A student may be an aide for a maximum of 2 semesters in four years.</td>
</tr>
<tr>
<td>952301</td>
<td>Student Senate (Government &amp; Leadership)</td>
<td>This course is designed to help students gain knowledge of leadership skills and an understanding of parliamentary procedure. A weekly agenda is followed during which these skills are practiced in planning and making decisions concerning numerous social and service activities organized by this governing body. The class is composed of twelve seniors and twelve junior representatives who are elected to serve from their respective Student Councils. Students can only earn 1 credit in 2 years.</td>
</tr>
<tr>
<td>952391</td>
<td>Student Senate (NO STATE CREDIT, NO GPA)</td>
<td></td>
</tr>
</tbody>
</table>

Credit: 1
Prerequisite: Recommendation, Application, Interview Required
Grade 952391: 952301:
Credit: 1 – 1.5

Credit: 1
Prerequisite: AVID I or Recommendation, Application, Interview Required
Grade 952691:
Credit: 0

Credit: 1
Prerequisite: Interview/selection
Grade 952791:
Credit: 0

Credit: 1
Prerequisite: AVID II
Grade 951801:
Credit: 1

Credit: 1
Prerequisite: AVID III
Grade 951901:
Credit: 1

Credit: 0
Prerequisite: Interview/selection
Grade 952391:
Credit: 0

Credit: 0
Prerequisite: Interview/selection
Grade 952301:
Credit: 0

Credit: 1
Prerequisite: Student body election
Grade 952391:
Credit: 1

All courses may not be offered on every campus.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>952501</td>
<td>(PAL) Peer Assistance and Leadership</td>
<td>This course provides selected students an opportunity to work in a helping role with students on their own campus and/or with students from feeder middle schools and elementary schools, in order to facilitate a more positive school experience and more informed and responsible decision-making. PAL students will receive training in areas such as communication and listening skills, tutoring, group dynamics and other means of helping younger students deal with issue of concern to them. Students can only earn one credit in four years.</td>
</tr>
<tr>
<td>952591</td>
<td>(PAL) Peer Assistance and Leadership (NO STATE CREDIT, NO GPA)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade Placement: 10, 12</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Application and Interview</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Credit: 952501: 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>952591: 0</td>
<td></td>
</tr>
<tr>
<td>952491</td>
<td>Academic Decathlon (NO STATE CREDIT)</td>
<td>Academic Decathlon is a national inter-school scholastic competition that addresses ten academic areas. The competition encourages students to develop a respect for knowledge and an interest in various academic areas of study. The United States Academic Decathlon format includes students from all academic backgrounds. The competing team consists of nine members; three students whose grade point average falls into the “C” or Varsity category, three in the “B” or Scholastic category, and three in the “A” or Honors category.</td>
</tr>
<tr>
<td></td>
<td>Grade Placement: 11 – 12</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Approval of instructor</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Credits: 0</td>
<td></td>
</tr>
<tr>
<td>952601</td>
<td>Peer Assistance for Students with Disabilities</td>
<td>This course provides peer assistants the opportunity to develop leadership and communication skills while promoting an inclusive educational environment for special education students. Peer assistants obtain initial training in confidentiality, cueing, prompting, and positive reinforcement upon enrollment in the course and mini sessions throughout the semester. Peer assistants assist the teacher in the general education or special education classroom setting by modeling appropriate learning behaviors, assisting with hands-on learning activities and developing activities to facilitate inclusion in the classroom. The goal is to create a relationship among age appropriate peers of differing abilities, both socially and academically.</td>
</tr>
<tr>
<td></td>
<td>Grade Placement: 9 – 12</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Interview/selection</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Credit: .5 - 2</td>
<td></td>
</tr>
</tbody>
</table>
**PHYSICAL EDUCATION**

Up to 4 credits of Physical Education or Athletics may be earned toward the total number of credits for graduation. To find out more about the Physical Education Texas Essential Knowledge and Skills (TEKS) click [here](#).

**SEE YOUR SCHOOL COUNSELOR FOR CLARIFICATION REGARDING CREDITS.**

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>301101</td>
<td>Foundations of Personal Fitness</td>
<td>9 – 12</td>
<td>.5 – 1</td>
</tr>
<tr>
<td>301171</td>
<td>Foundations of Personal Fitness (eSchool)</td>
<td>9 – 12</td>
<td>.5 – 1</td>
</tr>
<tr>
<td>302401</td>
<td>Adventure / Outdoor Education</td>
<td>9 – 12</td>
<td>.5 – 1</td>
</tr>
<tr>
<td>302201</td>
<td>Aerobic Activities</td>
<td>9 – 12</td>
<td>.5 – 1</td>
</tr>
<tr>
<td>30250B</td>
<td>Team Sports</td>
<td>9 – 12</td>
<td>.5</td>
</tr>
<tr>
<td>30260B</td>
<td>Individual Sports</td>
<td>9 – 12</td>
<td>.5</td>
</tr>
<tr>
<td>302901</td>
<td>Weight Training (Team or Individual Sports)</td>
<td>11 – 12</td>
<td>.5 – 1</td>
</tr>
<tr>
<td>Campus #</td>
<td>Partners Physical Education</td>
<td>9 – 12</td>
<td>.5 – 4</td>
</tr>
<tr>
<td>302301</td>
<td>Aerobic Activities (STEP)</td>
<td>9 – 12</td>
<td>.5 – 1</td>
</tr>
<tr>
<td>95265B</td>
<td>Team Sport Officiating</td>
<td>9 – 12</td>
<td>.5 – 1</td>
</tr>
</tbody>
</table>

**High School Physical Education**

In physical education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically active lifestyle. The student exhibits a physically active lifestyle and understands the relationship between physical activity and health through the lifespan.

**Physical Fitness Assessment**

Each student identified by the Texas Education Agency will participate in an annual physical fitness assessment. The Fitnessgram assessment instrument will contain criterion-referenced standards specific to a student’s age and gender based on the physical fitness level required for good health. Good health components will include an aerobic capacity, body composition, muscular strength, muscular endurance and a flexibility assessment.

<table>
<thead>
<tr>
<th>301101 Foundations of Personal Fitness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade Placement: 9 – 12</td>
</tr>
<tr>
<td>Prerequisite: None</td>
</tr>
<tr>
<td>Credit: .5 – 1</td>
</tr>
</tbody>
</table>

The purpose of Foundations of Personal Fitness is 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 teaching students about the process of becoming fit as well as achieving some degree of fitness within the class. The concepts of wellness and how to reach an optimal level of health are the cornerstones of this course. Students will design their own personal fitness program as one of the objectives of the class. Students enrolled in Foundations of Personal Fitness could experience activity levels of moderate to high intensity.
### 302401 Adventure/Outdoor Education

<table>
<thead>
<tr>
<th>Grade Placement: 9 – 12</th>
<th>Prerequisite: None</th>
<th>Credit: .5 – 1</th>
</tr>
</thead>
</table>

Students, enrolled in adventure/outdoor education, are expected to develop competency in Adventure/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.

Adventure/Outdoor Education includes activities such as archery, backpacking, camping, cycling, hiking, fishing, martial arts, orienteering, rollerblading, or new games. Knowledge of The National Parks Association, Endangered Species Information, Boating Safety and Hunting Safety are a part of the curriculum. Recreational pursuits include field experiences, navigation, water recreation, and recreational shooting.

### 302201 Aerobic Activities

<table>
<thead>
<tr>
<th>Grade Placement: 9 – 12</th>
<th>Prerequisite: None</th>
<th>Credit: .5 – 1</th>
</tr>
</thead>
</table>

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

Aerobic Activities include activities such as aerobic dance, cycling, jogging, jump rope, new games, power walking, recreational dance, self-defense, step aerobics, and weight training. Students enrolled in Aerobic Activities could experience activity levels of moderate to high intensity.

### 30250B Team Sports

<table>
<thead>
<tr>
<th>Grade Placement: 9 – 12</th>
<th>Prerequisite: None</th>
<th>Credit: .5</th>
</tr>
</thead>
</table>

Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for teamwork and fair play. Students will have the opportunity to participate in and develop more advanced skills in team sports.

Team sports include activities such as basketball, field hockey, flag football, floor hockey, kickball, lacrosse, new games as developed, soccer, softball, team handball, Ultimate Frisbee and volleyball. Students enrolled in Team Sports could experience activity levels of moderate to high intensity.

### 30260B Individual Sports

<table>
<thead>
<tr>
<th>Grade Placement: 9 – 12</th>
<th>Prerequisite: None</th>
<th>Credit: .5</th>
</tr>
</thead>
</table>

Students enrolled in Individual Sports are expected to participate in a wide range of individual sports that can be pursued for a lifetime. The continued development of health-related fitness and the selection of Individual sport activities that are enjoyable is a major objective of this course. Students will have the opportunity to participate in and develop more advanced skills in individual sports.

Individual Sports include activities such as archery, badminton, bicycling, bowling, golf, gymnastics, handball, new games as developed, pickle ball, self-defense, table tennis, tennis, track and field, and weight training. Students enrolled in Individual Sports could experience activity levels of moderate to high intensity.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>302901</td>
<td>Weight Training (Team or Individual Sports)</td>
<td>Students enrolled in this course will be taught correct lifting form. Students will establish a personal program to include circuit training and/or individualized training programs. Aerobic fitness training will be incorporated into the course. Students enrolled in Weight Training could experience activity levels of moderate to high intensity. Students enrolled in Weight Training could earn a 0.5 credit of Team Sports and/or a 0.5 credit of Individual Sports. *Students who have already earned credit in Team Sports and/or Individual Sports will receive no credit for Weight Training.</td>
</tr>
<tr>
<td>302301</td>
<td>Aerobic Activities (STEP)</td>
<td>This course is designed to create and produce dance and step rhythmic movements that embody the history of African dance. Students will develop a personal fitness program that uses aerobic activities as a foundation. Students enrolled in this course could experience activity levels of moderate to high intensity. Students enrolled in STEP could earn up to 2 semesters of Aerobic Activities credit. This course may include performances at pep rallies and some sports events. Other performances may include some district performances/activities.</td>
</tr>
<tr>
<td>95265B</td>
<td>Team Sport Officiating</td>
<td>Students enrolled in the Team Sport Officiating Course will learn rules and regulations of selected team sports. While working with coaches, players, other officials and parents, students will develop skills in the area of communication, decision-making, and conflict management needed to officiate team sport competitions. Students will develop a personal fitness and injury prevention plan that directly relates to the needs of an official. Students will understand and apply time management skills required and recognize legal rights and responsibilities of an official involved with youth sports in the 21st century. Cardiopulmonary resuscitation (CPR), use of an automated external defibrillator (AED) and basic first aid skills will be taught in class. Students will be certified in CPR/AED first aid and receive an officiating certificate upon successful completion of course. Students may take this course in conjunction with a physical education course or an equivalent. <strong>This course does not meet the state requirement for PE credit.</strong></td>
</tr>
</tbody>
</table>
**READING**

To find out more about the Reading Texas Essential Knowledge and Skills (TEKS) click [here](#).

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>105101</td>
<td>Academic Literacy I</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>105201</td>
<td>Academic Literacy II</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>105301</td>
<td>Academic Literacy III</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>10320B</td>
<td>College Reading Applications</td>
<td>10 – 12</td>
<td>.5</td>
</tr>
</tbody>
</table>

**105101  Academic Literacy I**

Grade Placement: 9 – 12
Prerequisite: None
Credit: 1

This year course is designed for students who need literacy strategies and skills in order to ensure success in high school and beyond. Academic Literacy I involves practicing literacy strategies for students to build success and become proficient in the areas of word analysis, vocabulary, reading fluency, written response, and critical thinking, therefore, preparing students for college readiness and/or post-secondary success. Students who fail to meet satisfactory on 8th Grade STAAR Reading or fall below district criteria are required to take this course.

**105201  Academic Literacy II**

Grade Placement: 9 – 12
Prerequisite: None
Credit: 1

This second year course for literacy strategies is designed for students who need an additional year in focused literacy to ensure success in high school and beyond. Academic Literacy II focuses on helping students grow into critical thinkers/readers and develop diverse levels of literacy for college readiness and/or post-secondary success. Students who fail to meet satisfactory on STAAR/EOC or fall below district criteria are required to take this course.

**105301  Academic Literacy III**

Grade Placement: 9 – 12
Prerequisite: None
Credit: 1

This third year course for literacy strategies is designed for students who need literacy strategies/skills to ensure passing state standards as well as success beyond high school. Academic Literacy III emphasizes reading, writing, and critical inquiry to further develop academic literacy for college readiness and/or post-secondary success. Students who fail to meet satisfactory on EOC, fall below district criteria, or need focused literacy skills should take this course.

**10320B  College Reading Applications**

Grade Placement: 10 – 12
Prerequisite: None
Credit: .5

College Reading Applications expands students’ command of college-level reading/writing and discourse skills, expounds college-bound readers’ vocabulary growth, and increases critical reading/thinking skills. Students will have access to SAT practice materials.

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All courses may not be offered on every campus.
**SCIENCE**

To find out more about the Science Texas Essential Knowledge and Skills (TEKS) click [here](#).

Those science courses, which offer dissection as a means of instruction, will provide alternative assignments for those students and parents who have justifiable objections to dissection.

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>201001</td>
<td>Integrated Physics and Chemistry (IPC)</td>
<td>9 – 10</td>
<td>1</td>
</tr>
<tr>
<td>204001</td>
<td>Biology</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>204031</td>
<td>Biology – H/PreAP</td>
<td>9 – 10</td>
<td>1</td>
</tr>
<tr>
<td>204101</td>
<td>Anatomy and Physiology</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>204151</td>
<td>Biology AP (1 AP Biology; 1 Advanced Biology Lab)</td>
<td>11 – 12</td>
<td>2</td>
</tr>
<tr>
<td>205001</td>
<td>Chemistry</td>
<td>10 – 12</td>
<td>1</td>
</tr>
<tr>
<td>205051</td>
<td>Chemistry (eSchool)</td>
<td>10 – 12</td>
<td>.5 - 1</td>
</tr>
<tr>
<td>205031</td>
<td>Chemistry – H/PreAP</td>
<td>10 – 12</td>
<td>1</td>
</tr>
<tr>
<td>205151</td>
<td>Chemistry AP (1 AP Chemistry; 1 Advanced Chemistry Lab)</td>
<td>11 – 12</td>
<td>2</td>
</tr>
<tr>
<td>206001</td>
<td>Physics</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>206171</td>
<td>Physics (eSchool)</td>
<td>11 – 12</td>
<td>.5 - 1</td>
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<tr>
<td>206031</td>
<td>Physics – H/PreAP</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>20615B</td>
<td>Physics 1 AP</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>20625B</td>
<td>Physics 2 AP</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>20635B</td>
<td>Physics C Mechanics AP</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>20645B</td>
<td>Physics C Electricity and Magnetism AP</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>206501</td>
<td>Engineering Design and Problem Solving</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>208201</td>
<td>Environmental Systems</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>208251</td>
<td>Environmental Science AP</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>207501</td>
<td>Earth and Space Science</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>208001</td>
<td>Honors Scientific Research and Design</td>
<td>10 – 12</td>
<td>1 – 3</td>
</tr>
<tr>
<td>552251</td>
<td>Food Science</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>555401</td>
<td>Forensic Science</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>556201</td>
<td>Engineering Science (PLTW)</td>
<td>10 – 12</td>
<td>1</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Name</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>-------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>201001</td>
<td><strong>Integrated Physics and Chemistry (IPC)</strong></td>
<td>IPC integrates the disciplines of physics and chemistry in topics such as: motion, waves, energy, transformations, properties of matter, changes in matter, and solution chemistry. Laboratory investigation will be a primary focus in instruction. Student investigations emphasize accurate observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials in the laboratory. This course must be taken prior to chemistry or physics.</td>
<td></td>
</tr>
<tr>
<td>204001</td>
<td><strong>Biology (first year)</strong></td>
<td>Biology is the study of the structure, growth, and function of the life systems of selected organisms. This study will encompass historical contributions to biological concepts: energy production, transfer, and use in living systems; and the relationships of organisms with each other and with their environments. Student investigations emphasize accurate observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials in the field and the laboratory.</td>
<td></td>
</tr>
<tr>
<td>204031</td>
<td><strong>Biology H/PreAP (first year)</strong></td>
<td>The Biology H/PreAP course offers students an in-depth study and observation of living organisms in the environment, prepared specimens, various ecosystems, and inherited traits. Student investigations emphasize accurate observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials in the field and the laboratory. <strong>Students will complete an independent research project.</strong></td>
<td></td>
</tr>
<tr>
<td>204101</td>
<td><strong>Anatomy and Physiology</strong></td>
<td>Anatomy and Physiology of Human Systems includes laboratory investigation and fieldwork using appropriate scientific inquiry. This hands-on course is a survey of the structures and functions of the human body and integrates the physics and chemistry concepts found in the body systems. In this course the student will investigate the body’s responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy processes.</td>
<td></td>
</tr>
<tr>
<td>204151</td>
<td><strong>Biology AP (second year)</strong></td>
<td>Biology-AP is a two-hour course designed to be the equivalent of an introductory college-level course. Biology AP is the study of general biological principles as well as the more specialized biological sciences. Cytology, biochemistry, developmental biology, genetics, ecology, and various aspects of adaptation are integrated within the course. Relationships and applications of concepts within and among the various sciences are explored. Laboratory investigations are an integral part of the course. This course prepares students for the Biology Advanced Placement exam.</td>
<td></td>
</tr>
<tr>
<td>205001</td>
<td><strong>Chemistry (first year)</strong></td>
<td>Chemistry is the study of the structure, composition, and behavior of matter. The course of study emphasizes the investigation of matter, its interactions, and the factors affecting the interactions. Chemistry is a laboratory-oriented course that stresses the observation of matter and its behavior, classification of matter, communication of data, measurement of chemical quantities, prediction of chemical phenomena, and manipulation of chemical investigations.</td>
<td></td>
</tr>
</tbody>
</table>

*All courses may not be offered on every campus.*
### 205031 Chemistry H/PreAP (first year)

**Grade Placement:** 10 – 12  
**Prerequisite:** Algebra I and Biology  
**Credit:** 1  
**What's Next?** Physics or Physics H/PreAP

The Chemistry-H/PreAP course is designed to introduce the student to the qualitative and quantitative aspects of a first year chemistry program. An in-depth study of the mathematical applications will be stressed. The course will emphasize the theoretical concepts of molecular bonding, thermodynamics, kinetics, and equilibrium. The descriptive aspects of the periodic table will be dealt with throughout the course. **Students will complete an independent research project.**

### 205151 Chemistry AP (second year)

**Grade Placement:** 11 – 12  
**Prerequisite:** Chemistry, Biology  
**Credit:** 2 (1 AP Chemistry and 1 Advanced Chemistry Lab)

Chemistry-AP is a second year, two-hour course designed to be the equivalent of an introductory college-level course. In Chemistry AP, study focuses on matter, its interactions, and energy of matter. Some topics included are thermochemistry, chemical bonding, kinetics, equilibrium, and electrochemistry. Laboratory investigation is an integral part of the course. This course prepares students to take the Chemistry Advanced Placement exam.

### 206001 Physics (first year)

**Grade Placement:** 11 – 12  
**Prerequisite:** Algebra I and Geometry, 2 credits of science  
**Credit:** 1  
**What's Next?** Physics 1-2 AP, Physics C AP, Chemistry AP, Biology AP, Environmental Science AP, or science choice

Physics I is the study of matter and energy and their interactions. Students are introduced to fundamental concepts in the areas of mechanics, light, sound, heat, electricity, magnetism, and nuclear phenomena. Student investigations emphasize accurate observations, collection of data, analysis of data, and the safe manipulation of laboratory apparatus and materials.

### 206031 Physics Honors/PreAP (first year)

**Grade Placement:** 11 – 12  
**Prerequisite:** 2 credits of science, concurrent enrollment in Algebra II  
**Credit:** 1  
**What's Next?** Physics 1-2 AP, Physics C AP, Chemistry AP, Biology AP, Environmental Science AP, or 4th year of science

Physics H/PreAP is the study of physical principles, which govern the behavior of matter. It includes mechanics, electricity, magnetism, thermodynamics, kinetic theory, electromagnetic radiation, optics, and atomic and nuclear physics. In introducing fundamental physical concepts emphasis will be placed on the use of mathematics in formulating physical principles and in problem solving; thus a strong math background is necessary. **Students will complete an independent research project.**

### 20615B Physics 1 AP (second year)

**Grade Placement:** 12  
**Prerequisite:** Physics and an uninterrupted mathematics program  
**Credit:** 1

Physics 1 AP is the first semester course of a yearlong course that provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem solving using algebra and trigonometry. Students explore principles of Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and simple circuits. The course is based on six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world. This course prepares the student to take the Physics 1 advanced Placement exam. Students who have completed this course, may not enroll in either Physics C Mechanics AP or Physics C Electricity and Magnetism AP.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20625B</td>
<td><strong>Physics 2 AP</strong> (second year)</td>
<td>Physics 2 AP is the second semester course of a yearlong course that provides a systematic introduction to the main principles of physics and builds upon the Physics 1 AP course by providing instruction in principles of fluids, thermodynamics, electricity, magnetism, optics, and topics in modern physics. The course is based on seven Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world. This course prepares the student to take the Physics 2 Advanced Placement exam. Students who have completed this course, may not enroll in either Physics C Mechanics AP or Physics C Electricity and Magnetism AP.</td>
</tr>
<tr>
<td>20635B</td>
<td><strong>Physics C Mechanics AP</strong> (second year)</td>
<td>Physics C Mechanics AP is the first semester course of a yearlong course. In this course, the use of calculus in problem solving is introduced. This course applies both differential and integral calculus and provides instruction in each of the following six content areas: Kinematics, Newton’s laws of motion, Work, energy and power, Systems of particles and linear momentum, Circular motion and rotation, and Oscillations and gravitation. This course prepares the student to take the Mechanics Advanced Placement C exam. Students who have completed this course, may not enroll in either Physics 1 AP or Physics 2 AP.</td>
</tr>
<tr>
<td>20645B</td>
<td><strong>Physics C Electricity and Magnetism AP</strong> (second year)</td>
<td>Physics C Electricity and Magnetism AP is the second semester course of a yearlong course. This course applies both differential and integral calculus, and builds upon the AP Physics C: Mechanics course by providing instruction in each of the following five content areas: Electrostatics, Conductors, capacitors, and dielectrics, Electric circuits, Magnetic fields, and Electromagnetism. This course prepares the student to take Electricity and Magnetism Advanced Placement C exam. Students who have completed this course, may not enroll in either Physics 1 AP or Physics 2 AP.</td>
</tr>
<tr>
<td>206501</td>
<td><strong>Engineering Design and Problem Solving</strong></td>
<td>Engineering Design and Problem Solving introduces students to what engineering is, what engineers do, and how engineering shapes the world around them. This is a design-based course, where students will learn the concepts of engineering design and problem solving by completing a series of projects throughout the year. The intention of this course is to teach engineering design through a practical and real world approach to problem solving. This course will satisfy the fourth year science requirement.</td>
</tr>
<tr>
<td>208201</td>
<td><strong>Environmental Systems</strong></td>
<td>The Environmental Systems course will focus on the study of the environment with emphasis on ecology and natural resources. The current energy situation will be studied, and recycling of natural resources will be evaluated. Emphasis on people and society, including cultural perspectives and pollution problems will be made. Field trips, laboratory experiences, group discussions, and other special activities will be planned.</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Description</td>
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<td>-------------</td>
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</tr>
<tr>
<td>208251</td>
<td>Environmental Science AP</td>
<td>The Environmental Science AP course is interdisciplinary and will provide students with scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. This course prepares the student to take Advanced Placement exam.</td>
</tr>
<tr>
<td>207501</td>
<td>Earth and Space Science</td>
<td>Earth and Space Science is based on Earth's system in space and time. The approach has three themes of Earth in space and time, solid Earth, and fluid Earth. In each theme are included the strands of systems, energy and relevance. Natural and human events and their effect on Earth's systems will be studied within the context of the three themes and strands.</td>
</tr>
<tr>
<td>208001</td>
<td>Honors Scientific Research and Design</td>
<td>Students will explore science and become acquainted with the scientific community, improve fundamental research skills, apply statistical analysis, and enhance oral and visual presentation techniques. Each student will be required to develop his/her own independent science research project and will learn how to structure, organize, publish, and present the project in one or more formal presentations to a panel of judges. It is required that all student independent research projects be judged.</td>
</tr>
<tr>
<td>552251</td>
<td>Food Science</td>
<td>Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing and the improvement of foods for the consuming public. Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Successful completion of both semesters of this course will satisfy a science credit.</td>
</tr>
<tr>
<td>555401</td>
<td>Forensic Science</td>
<td>This course uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will perform fingerprint analysis, ballistics, and blood spatter analysis on evidence collected from simulated crime scenes. Students will learn the history, legal aspects and career options for forensic science. A minimum of 40% of class time will be spent in laboratory work and field investigations. This course may not be offered on all campuses. Successful completion of both semesters of this course will satisfy a science credit.</td>
</tr>
</tbody>
</table>

*All courses may not be offered on every campus.*
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>556201</td>
<td>Engineering Science (PLTW)</td>
<td>This course is part of the Project Lead The Way (PLTW.org) pre-engineering sequence. Applying the principles of physics to various technology systems and manufacturing processes helps students learn how engineers and technicians use science, technology, and math in an engineering problem solving process. Topics covered include: mechanisms and mechanical advantage, static forces and bridge design, material properties, energy and power generation, thermodynamics, kinematics, fluid power, and creation of C language programs for robotics and machine control. <strong>Successful completion of both semesters of this course will receive science credit.</strong></td>
</tr>
</tbody>
</table>

Grade Placement: 10 – 12  
Prerequisite: Geometry or concurrent enrollment and Chemistry or concurrent enrollment is required. Successful completion of Intro to Engineering Design (IED) is recommended.  
Credit: 1 (science credit)
## SOCIAL STUDIES

To find out more about the Social Studies Texas Essential Knowledge and Skills (TEKS) click [here](#).

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>253001</td>
<td>World Geography Studies</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>253171</td>
<td>World Geography Studies (eSchool)</td>
<td>9 – 12</td>
<td>.5 - 1</td>
</tr>
<tr>
<td>253031</td>
<td>World Geography Studies – H/PreAP</td>
<td>9 – 10</td>
<td>1</td>
</tr>
<tr>
<td>253251</td>
<td>Human Geography – AP</td>
<td>9 – 10</td>
<td>1</td>
</tr>
<tr>
<td>252001</td>
<td>World History Studies</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>252031</td>
<td>World History Studies – H/PreAP</td>
<td>9 – 10</td>
<td>1</td>
</tr>
<tr>
<td>252151</td>
<td>World History – AP</td>
<td>10</td>
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<tr>
<td>101041</td>
<td>Humanities I English I GT (English I Honors)</td>
<td>9</td>
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<tr>
<td>252041</td>
<td>Humanities II World History AP GT (AP World History)</td>
<td>10</td>
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<tr>
<td>25220B</td>
<td>Contemporary World Issues</td>
<td>11 – 12</td>
<td>.5</td>
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<tr>
<td>251001</td>
<td>United States History</td>
<td>11 – 12</td>
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<tr>
<td>251171</td>
<td>United States History (eSchool)</td>
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<tr>
<td>251051</td>
<td>United States History – AP</td>
<td>11 – 12</td>
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<tr>
<td>251131</td>
<td>United States History (Collin College Dual Enrollment)</td>
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<tr>
<td>S14251</td>
<td>American Studies</td>
<td>11</td>
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<tr>
<td>25400B</td>
<td>United States Government</td>
<td>11 – 12</td>
<td>.5</td>
</tr>
<tr>
<td>25417B</td>
<td>United States Government (eSchool)</td>
<td>11 – 12</td>
<td>.5</td>
</tr>
<tr>
<td>25417B</td>
<td>United States Government (Blended Course)</td>
<td>11 – 12</td>
<td>.5</td>
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<tr>
<td>25423B</td>
<td>United States Government (Collin College Dual Enrollment)</td>
<td>11 – 12</td>
<td>.5</td>
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<tr>
<td>25415B</td>
<td>Government – Comparative – AP</td>
<td>11 – 12</td>
<td>.5</td>
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<tr>
<td>25500B</td>
<td>Economics, with Emphasis on the Free Enterprise System and its Benefits</td>
<td>11 – 12</td>
<td>.5</td>
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<tr>
<td>25517B</td>
<td>Economics, with Emphasis on the Free Enterprise System and its Benefits (eSchool)</td>
<td>11 – 12</td>
<td>.5</td>
</tr>
<tr>
<td>25517B</td>
<td>Economics, with Emphasis on the Free Enterprise System and its Benefits (Blended Course)</td>
<td>11 – 12</td>
<td>.5</td>
</tr>
</tbody>
</table>
### 253001 World Geography Studies

**Grade Placement:** 9 – 12  
**Prerequisite:** None  
**Credit:** 1  

*What's Next?* World History Studies, World History H/PreAP, World History AP  

This course introduces students to the physical and human world around them and helps them develop the means to examine that world. Facts and information on physical, cultural, political, and economic geography as well as abundant opportunity to refine the content through the exercise of map and globe skills, reading skills, and thinking skills will be provided to the student.

### 253031 World Geography Studies – H/PreAP

**Grade Placement:** 9 – 10  
**Prerequisite:** None  
**Credit:** 1  

Honors/PreAP World Geography is designed for mastery of the Texas Essential Knowledge and Skills (TEKS) as well as extension beyond this mastery. In this course, critical thinking and analytical skills will be utilized in various projects including interpretation of primary and secondary source materials. Students will use their knowledge of spatial relationships, systematic physical and human processes and the interaction between people and their environment to make intelligent decisions as citizens.

### 253251 Human Geography AP

**Grade Placement:** 9 – 10  
**Prerequisite:** None  
**Credit:** 1  

This course introduces students to the systematic study of patterns and processes that have shaped the physical and human world. Students will also learn and apply the methods and tools geographers use in their science and practice. This course prepares the student to take the Advanced Placement examination and may be used to fulfill the World Geography Studies requirement for graduation. If a student has earned a credit in World Geography Studies, enrollment in the Human Geography AP course will not count as a credit.

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All courses may not be offered on every campus.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>252001</td>
<td>World History Studies</td>
<td>This course includes a survey of ancient, medieval and modern times with an emphasis placed upon modern times. A background of world events will be presented to the student to help understand current events and world problems. Both Western and Non-Western areas of the world will be studied.</td>
</tr>
<tr>
<td>252031</td>
<td>World History Studies – H/PreAP</td>
<td>Honors/PreAP World History is designed for mastery of the Texas Essential Knowledge and Skills as well as extension beyond this mastery. The students will be expected to use primary source materials extensively. Additionally, emphasis will be given to the study of prehistoric times and the modern era. Research, critical thinking, and writing skills will be developed through creative projects and activities.</td>
</tr>
<tr>
<td>252151</td>
<td>World History – AP</td>
<td>This course may be taken to fulfill the World History requirement for graduation. This course focuses primarily on the past thousand years of the global experience. It emphasizes the empires of China and Mesoamerica; the expansion of Islam; the period of new political credits in Africa and Europe; and social, cultural, and economic developments around the world. This course prepares the student to take the Advanced Placement examination. If a student has earned a credit in World History Studies or World History Studies H/IH/PreAP, enrollment in World History AP course will not count as a credit.</td>
</tr>
<tr>
<td>101041</td>
<td>Humanities I English I GT (English I Honors)</td>
<td>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 English I Honors 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 period from 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 grade students will sit in the same class while earning credit in separate courses; ninth graders will earn English I Honors 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. <strong>Humanities does NOT fulfill the fine arts requirement for graduation and is not recognized as a fine arts course by TEA.</strong></td>
</tr>
<tr>
<td>252041</td>
<td>Humanities II World History AP GT (AP World History)</td>
<td>This elective course will emphasize the present and future world. It will be as relevant as today's events. As issues emerge, the historical, geological, political, and economic context of the area and issue involved will be studied. Thus, this course should provide an excellent vehicle for further development and application of geographic knowledge and skills. Also, through reading and reference skills, students will be required to understand how a country such as the US is organized to respond to world issues and events, making citizenship in an interdependent world a major focus.</td>
</tr>
<tr>
<td>25220B</td>
<td>Contemporary World Issues</td>
<td>This course includes a survey of ancient, medieval and modern times with an emphasis placed upon modern times. A background of world events will be presented to the student to help understand current events and world problems. Both Western and Non-Western areas of the world will be studied.</td>
</tr>
</tbody>
</table>

*All courses may not be offered on every campus.*
251001  United States History
Grade Placement: 11 – 12
Prerequisite: Cannot be taken until after 10th grade
Credit: 1

Content of this required course in United States History includes significant events, issues, and problems after the period of Reconstruction, emphasizing present-day issues which have their roots in the past. This course builds upon knowledge and concepts, acquired in the first course (8th grade). The course includes historical concepts, citizenship principles and skills necessary for the study of US History.

251051  United States History – AP
Grade Placement: 11 – 12
Prerequisite: Cannot be taken until after 10th grade
Credit: 1

The AP US History course is a college-level course that explores US history from the Colonial Era through the present. Cultural diversity, the role of minorities, and the impact of women on the development of American history will be a major focus. In addition to the independent reading of the survey text, this course requires analytical reading and analysis of primary source documents, scholarly works, and historical research. Students will be required to synthesize the information in both document-based essays and standard essay formats. Students who enroll in AP US History will have the opportunity to take the Advanced Placement examination at the conclusion of the course and earn college credit for their work. The student may take this course for the required US History credit.

S14251  American Studies (English III AP Language and Composition and AP US History)
Grade Placement: 11
Prerequisite: G/T Identification or AP World History recommended
Credit: 2

What’s next? The Human Experience: Culture, Media and Perception

American Studies combines AP US History and English III AP Language and Composition to create a daily two hour cultural experience enabling students to simultaneously explore the connections between literature and history. Students will explore the history of the United States with special emphasis placed on the study of rhetorical styles and structures of important historical documents and readings. This course will also have focused emphasis on the cultural accomplishments as manifested in art, architecture, literature, music, and other visual media. Students will learn and practice the craft of writing through various products, specifically focused on the essay formats necessary for success on both the AP US History and AP English Language and Composition exams. US Literature of all genres will be incorporated into the curriculum within the structure of the historical study, and used as a method of enhancing the depiction of historical time periods. At the culmination of the class, students can take both the AP US History and the AP English Language and Composition exams to possibly earn college credit.

25400B  United States Government
Grade Placement: 11 – 12
Prerequisite: U.S. History or concurrent enrollment in U.S. History
Credit: .5

United States Government will assist students in acquiring knowledge of the structure, functions, and development of our system of government. The course will analyze the political institutions, processes, and civic values inherent in our political system and provide students the opportunity to develop and apply the participatory skills needed to carry out civic responsibilities and exercise their rights as citizens. It will also provide students the opportunity to analyze and compare political institutions, processes, and civic values of the United States with those of other political systems as well as opportunities to develop appropriate democratic values and support for the American free enterprise system.

All courses may not be offered on every campus.
United States Government will assist students in acquiring knowledge of the structure, functions, and development of our system of government. The course will analyze the political institutions, processes, and civic values inherent in our political system and provide students the opportunity to develop and apply the participatory skills needed to carry out civic responsibilities and exercise their rights as citizens. It will also provide students the opportunity to analyze and compare political institutions, processes, and civic values of the United States with those of other political systems as well as opportunities to develop appropriate democratic values and support for the American free enterprise system. In a blended class, students access some/most course content online and independently. This class will meet face-to-face on a schedule specified by the teacher. During times the student is not required to attend the face-to-face class, he/she may or may not be on campus during that class period. However, if the student is on campus, he/she must be in one of the areas specified by the campus administration.

The Advanced Placement course in American Government is designed to give students a critical perspective on politics and government in the United States. This course involves both the studies of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. The student will have the opportunity to take the Advanced Placement examination at the conclusion of the course. This course may be used to fulfill the US Government requirement for graduation. This course prepares the student to take the Advanced Placement exam.

This course is designed to help students gain knowledge of the world's diverse political structures and practices. It encompasses the study of both specific countries and of general concepts used to interpret the key political relationships found in almost all-national politics. This course will NOT fulfill the U. S. Government requirement for graduation. This course prepares the student to take the Advanced Placement exam. This course may not be offered on all campuses.

Economics is the study of how people and countries deal with the problem of scarcity—not enough goods and services to satisfy everyone's wants and needs. To understand this problem, students will study the market system, American business organizations, supply and demand, money and banking system, the national economy, international trade, and other economic systems.
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>25517B</td>
<td>Economics, with Emphasis on the Free Enterprise System and Its Benefits</td>
<td>Economics is the study of how people and countries deal with the problem of scarcity--not enough goods and services to satisfy everyone's wants and needs. To understand this problem, students will study the market system, American business organizations, supply and demand, money and banking system, the national economy, international trade, and other economic systems. In a blended class, students access some/most course content online and independently. This class will meet face-to-face on a schedule specified by the teacher. During times the student is not required to attend the face-to-face class, he/she may or may not be on campus during that class period. However, if the student is on campus, he/she must be in one of the areas specified by the campus administration.</td>
</tr>
<tr>
<td>25505B</td>
<td>Economics, with Emphasis on the Free Enterprise System and Its Benefits – AP</td>
<td>AP Macroeconomics</td>
</tr>
<tr>
<td>25525B</td>
<td>Economics, with Emphasis on the Free Enterprise System and Its Benefits – AP</td>
<td>This course is designed to give students an understanding of the principles of economics that apply to an economic system. The content will include analysis of economic concepts; measurement of economic performance; national income and price level determination; financial sector; inflation; unemployment and stabilization policies; economic growth and productivity; and international trade and finance. Students will have the opportunity to take the Advanced Placement examination at the conclusion of the course. This course may fulfill the graduation requirement for Economics.</td>
</tr>
<tr>
<td>25700B</td>
<td>Psychology</td>
<td>This course will introduce the student to the science of psychology with emphasis on human behavior. Content of the course will include the study of the facts involved in learning and thinking, intelligence, human development, personality theories, defense mechanisms, abnormal behavior and treatment, and careers in psychology.</td>
</tr>
<tr>
<td>25705B</td>
<td>Psychology – AP</td>
<td>Psychology AP is designed to meet the requirements of a college level course in psychology. Many topics explored in the regular course will be developed to a higher level. This course prepares the student for the Advanced Placement exam which they will be given the opportunity to take in May. Students may take Psychology and Psychology AP and be awarded state elective credit for each course.</td>
</tr>
</tbody>
</table>

Grade Placement: 11 – 12
Prerequisite: U.S. History or concurrent enrollment in U.S. History
Credit: .5

Grade Placement: 11 – 12
Prerequisite: None
Credit: .5

All courses may not be offered on every campus.
**25800B Sociology**  
Grade Placement: 11 – 12  
Prerequisite: None  
Credit: .5  

Sociology presents a comparative look at group behavior in many cultures, social classes, and communities. It introduces the student to the ways sociologists investigate, describe, and analyze social life. The process of socialization, showing how both males and females learn cultural patterns and social norms as children, adolescents, and adults, is a major focus. The topics of race, ethnicity, poverty, and the role of change are also discussed.

**25803B Sociology – Honors**  
Grade Placement: 11 – 12  
Prerequisite: None  
Credit: .5  

Honors Sociology will extensively explore the nature of social life and human interaction. While studying comparative group behaviors in various cultures, social classes, and communities, students will be researching, interpreting, and analyzing a variety of primary sources and case studies. **Students in Honors Sociology will be expected to complete an honors level project in this class.**

**256051 European History – AP**  
Grade Placement: 10 – 12  
Prerequisite: None  
Credit: 1  

The course is for social studies students who demonstrate the ability and interest to study a college-level European history course. The content will include a study of the history of Europe from 1500 to the present. Analytical and research skills will be used to study primary sources and scholarly works. The student will have the opportunity to receive college credit for this course by demonstrating knowledge on an Advanced Placement examination. This course prepares the student to take the Advanced Placement exam.

**25910B Special Topics in Social Studies: 20th Century World History**  
Grade Placement: 10  
Prerequisite: None  
Credit: .5 (elective credit)  

The course investigates the major political, social, and economic developments, international relationships, scientific breakthroughs, and cultural trends that have shaped the various global regions and nation-states from 1900 to the present. The course will emphasize the interactions of global regions and nation-states.
SPEECH
To find out more about the Speech Texas Essential Knowledge and Skills (TEKS) click [here].

<table>
<thead>
<tr>
<th>Plan ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
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<tbody>
<tr>
<td>45350B</td>
<td>Professional Communications</td>
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<td>.5</td>
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<tr>
<td>45354B</td>
<td>Professional Communications (eSchool)</td>
<td>9 – 12</td>
<td>.5</td>
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<tr>
<td>45250B</td>
<td>Visual Media &amp; Analysis Production (Intro to Radio &amp; TV)</td>
<td>11 – 12</td>
<td>.5</td>
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<tr>
<td>451601</td>
<td>Debate I</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>452601</td>
<td>Debate II</td>
<td>10 – 12</td>
<td>1</td>
</tr>
<tr>
<td>453601</td>
<td>Debate III</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>453631</td>
<td>Debate III Honors</td>
<td>11 – 12</td>
<td>1</td>
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<tr>
<td>451701</td>
<td>Oral Interpretation I</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>452701</td>
<td>Oral Interpretation II</td>
<td>10 – 12</td>
<td>1</td>
</tr>
<tr>
<td>453701</td>
<td>Oral Interpretation III</td>
<td>11 – 12</td>
<td>1</td>
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<tr>
<td>453731</td>
<td>Oral Interpretation III Honors</td>
<td>11 – 12</td>
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<tr>
<td>454731</td>
<td>Independent Study / Speech Honors</td>
<td>11 – 12</td>
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</tr>
</tbody>
</table>

**45350B Professional Communications**

Grade Placement: 9 – 12
Prerequisite: None
Credit: .5

What's Next? Any Speech elective

Professional Communications blends written, oral, and graphic communication in a real world context that promotes leadership and professional behaviors. Creative individuals with strong communications skills, a solid academic foundation and proficiency in a wide range of technology applications are in demand by higher education institutions and global industry. This course will help to develop and expand the ability to write, read, edit, speak, listen, present, apply software applications, manipulate computer graphics, and conduct research to better prepare for a competitive academic and/or workplace environment. Successful completion of this course will satisfy the speech requirement for graduation.

**45250B Visual Media & Analysis Production (Intro to Radio & TV)**

Grade Placement: 11 – 12
Prerequisite: None
Credit: .5

What's Next? Any Speech elective

Students will study the history, functions, and laws affecting broadcast media. They will consider the impact of radio and television on society. They will be involved with script composition, production techniques, and the role of the broadcast media consumer.
### 451601 Debate I
**Grade Placement:** 9 – 12  
**Prerequisite:** None  
**Credit:** 1  
*What's next?* Debate II

Students will study specific formats and forums for debate. They will learn processes of logic and critical thinking as they prepare briefs and cases. They will learn to write, present and compete in various public speaking events. They will make debate presentations in class. Successful completion of this course will also satisfy the speech requirement for graduation.

### 452601 Debate II
**Grade Placement:** 10 – 12  
**Prerequisite:** Debate I  
**Credit:** 1  
*What's next?* Debate III

This is the second course for those students wishing to continue their study of debate. Students will study specific formats and forums for debate. They will learn processes of logic and critical thinking. They will learn to write, present and compete in various public speaking events. They will make debate presentations in classroom and tournament situations.

### 453601 Debate III
**Grade Placement:** 11 – 12  
**Prerequisite:** Debate II  
**Credit:** 1

This is the third course for those students wishing to continue their study of debate. Students will study specific formats and forums for debate. They will learn processes of logic and critical thinking as they prepare briefs and cases. They will learn to write, present and compete in various public speaking events. They will make debate presentations in classroom and tournament situations.

### 453631 Debate III Honors
**Grade Placement:** 11 – 12  
**Prerequisite:** Debate II, interview, and application may be required  
**Credit:** 1

This course requires a contract for completion of course requirements in order to receive honors credit. Although encompassing the same debate skills and course expectations as the regular debate course, this class has an added emphasis on research and individualized study, leading to the development of comprehensive debate skills.

### 451701 Oral Interpretation I
**Grade Placement:** 9 – 12  
**Prerequisite:** None  
**Credit:** 1  
*What's next?* Oral Interpretation II

### 452701 Oral Interpretation II
**Grade Placement:** 10 – 12  
**Prerequisite:** Oral Interpretation I  
**Credit:** 1  
*What's next?* Oral Interpretation III

### 453701 Oral Interpretation III
**Grade Placement:** 11 – 12  
**Prerequisite:** Oral Interpretation II  
**Credit:** 1

Students in these courses will study such principles of oral interpretation of literature as selection and analysis of literature, performance techniques, and criteria for evaluation. They will participate in presentations in classroom and tournament situations. Successful completion of this course will also satisfy the speech requirement for graduation.

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<table>
<thead>
<tr>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453731</td>
<td>Oral Interpretation III Honors</td>
<td>This is the third course for those students wishing to continue their study of oral interpretation. Although encompassing the same public speaking and oral interpretation skills and course expectations as the regular oral interpretation course, this class has an added emphasis on research and individualized study, leading to the development of comprehensive oral interpretation skills. This course requires a contract for completion of course requirements in order to receive honors credit. Students will exhibit a working knowledge of vocal development in the oral interpretation process. Students will also evaluate oral interpretation performances, critiquing the positive and negative aspects of the performance, and providing suggestions for improvement.</td>
</tr>
<tr>
<td>454731</td>
<td>Independent Study / Speech Honors</td>
<td>This course is designed to provide opportunity for advanced students to plan, organize, produce, perform and evaluate a project that enables them to develop advanced skills in communication, critical thinking and problem solving. Students must be highly organized and self-motivated for the personalized, independent nature of this course.</td>
</tr>
</tbody>
</table>
CAREER & TECHNICAL EDUCATION

Career & Technical Education (CTE) provides opportunities for students to gain knowledge and skills they may use in high school, college, a career after graduation, and/or a financial means to help further their education. CTE blends academics and career skills to produce well-rounded graduates. Plano ISD CTE: http://k-12.pisd.edu/cte

Plano Independent School District has implemented AchieveTexas, an education initiative/system, designed to prepare all students for a lifetime of success through informed educational choices. The initiative is based on the belief that the curricula of the 21st century should combine rigorous academics with relevant career & technical education. The system facilitates a seamless transition (beginning 8th grade) from secondary to postsecondary utilizing the nationally recognized Career Clusters. There are models (Plans of Study) within each Career Cluster that recommend the sequence of coursework based on a student’s interest or career goal. Read more about AchieveTexas at http://www.achievetexas.org.

Plano ISD offers CTE courses in the following Career Clusters which will fulfill the criteria for several of the new Endorsement pathways:

- Agriculture, Food and Natural Resources
- Architecture and Construction
- Arts, Audio/Visual Technology and Communications
- Business Management and Administration
- Education and Training
- Finance
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections and Security
- Manufacturing
- Marketing, Sales and Service
- Science, Technology, Engineering and Mathematics
- Transportation, Distribution and Logistics

For more information on new graduation requirements and endorsements visit www.pisd.edu/students/courses/.

It is the policy of Plano ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. Plano ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. Plano ISD will take steps to ensure cost will not prevent access to programs.

Career Preparation courses and Internships
A student planning to enroll for the first time in a 2 – 3 hour intern program or a career preparation program is expected to complete a student information form. This form may be obtained from the counselor’s office.

Fine Arts Credit
Successful completion of both semesters of Floral Design will satisfy the Fine Arts 1.0 credit graduation requirement.

Health Credit
Successful completion of both semesters of Principles of Health Science will fulfill the Health .5 credit graduation requirement.

Math Credit
A math credit may be fulfilled by successful completion of both semesters of:
- Accounting II
- Digital Electronics (PLTW)

Science Credit
A science credit may be fulfilled by successful completion of both semesters of:
- Anatomy and Physiology
- Food Science
- Forensic Science
- Honors Scientific Research and Design
- Engineering Design and Problem Solving
- Engineering Science PLTW

Speech Credit
Successful completion of Professional Communications will fulfill the speech .5 credit graduation requirement.
CAREER & TECHNICAL EDUCATION

Agriculture, Food and Natural Resources
To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click here.

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
<th>Subject</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
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<td>55250Q</td>
<td>Ag Mechanics and Metal Technologies</td>
<td>11 – 12</td>
<td>1</td>
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<tr>
<td>55145B</td>
<td>Equine Science</td>
<td>11 – 12</td>
<td>.5</td>
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<tr>
<td>55115Q</td>
<td>Horticulture Science</td>
<td>9 – 12</td>
<td>1</td>
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<tr>
<td>55155B</td>
<td>Landscape Design Management</td>
<td>9 – 12</td>
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</tr>
<tr>
<td>55160B</td>
<td>Turf Grass Management</td>
<td>9 – 12</td>
<td>.5</td>
</tr>
<tr>
<td>55195B</td>
<td>Professional Standards in Agribusiness</td>
<td>9 – 12</td>
<td>.5</td>
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<tr>
<td>55130Q</td>
<td>Livestock Production</td>
<td>9 – 12</td>
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<tr>
<td>551501</td>
<td>Floral Design</td>
<td>11 – 12</td>
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<tr>
<td>551801</td>
<td>Floral Design II</td>
<td>12</td>
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<tr>
<td>55105B</td>
<td>Small Animal Management</td>
<td>9 – 10</td>
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<tr>
<td>552801</td>
<td>Veterinary Medical Applications</td>
<td>11 – 12</td>
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<tr>
<td>552901</td>
<td>Practicum in Agriculture, Food and Natural Resources: Veterinary Medicine</td>
<td>12</td>
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<tr>
<td>552951</td>
<td>Practicum in Agriculture, Food and Natural Resources: Floral Design</td>
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<tr>
<td>55110Q</td>
<td>Wildlife, Fisheries and Ecology Management</td>
<td>9 – 12</td>
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<tr>
<td>55170Q</td>
<td>Principles of Agriculture, Food, and Natural Resources</td>
<td>9 – 10</td>
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55250Q  Ag Mechanics & Metal Technologies
Grade Placement: 11 – 12
Prerequisite: None
Credit: 1

This hands-on course develops skills and competencies in the areas of plumbing, electrical wiring, concrete construction, carpentry, fencing methods, cold and hot metal techniques and metal merging technologies. Students will learn how to use both woodworking and metal working tools and equipment safely. Students are given the opportunity to develop leadership skills through the FFA organization. This course provides instruction and training necessary for the OSHA 10-Hour General Industry Certification. A course fee may be required for projects that can be taken home by the student. Please note this is a one semester course receiving 1.0 credit.

55145B  Equine Science
Grade Placement: 11 – 12
Prerequisite: None
Credit: .5

This course is designed to develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses. Students will learn the basic principles of care and training. Students are given the opportunity to develop leadership skills through the FFA organization.

All courses may not be offered on every campus.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>55115Q</td>
<td>Horticulture Science</td>
<td>This course offers students the opportunity to explore plant systems and common horticulture management practices as they relate to food and ornamental plant production. Topics include ornamental trees and shrubs, insects, plant diseases, weed management, soils and plant nutrition, vegetable gardening, home fruit production, garden flowers and water conservation. Students are given the opportunity to develop leadership skills through the FFA organization. <strong>This course provides instruction and training necessary for the Junior Master Gardener Certification.</strong> Please note this is a one semester course receiving 1.0 credit.</td>
<td>None</td>
</tr>
<tr>
<td>55155B</td>
<td>Landscape Design and Management</td>
<td>This course is designed to introduce students to horticultural sciences with emphasis on the technical skills involved in the designing, construction, and maintenance of planted areas and devices for the beautification of home grounds and other areas of human habitation and recreation. Students are given the opportunity to develop leadership skills through the FFA organization.</td>
<td>None</td>
</tr>
<tr>
<td>55160B</td>
<td>Turf Grass Management</td>
<td>This course is designed to develop an understanding of turf grass management techniques and practices. Students will gain a greater understanding of the benefits of turf grass in the residential, commercial and athletic settings. Students are given the opportunity to develop leadership skills through the FFA organization.</td>
<td>None</td>
</tr>
<tr>
<td>55195B</td>
<td>Professional Standards in Agribusiness</td>
<td>This course includes topics in leadership, personal development, employee/employer relations, interpersonal communication, entrepreneurship, career opportunities, leadership styles, motivation and influence, preparing resumes and applications, job interviews, employer expectations, problem solving, setting personal goals and time management. Students are given the opportunity to develop leadership skills through the FFA organization.</td>
<td>None</td>
</tr>
<tr>
<td>55130Q</td>
<td>Livestock Production</td>
<td>This course is designed to enhance knowledge and skills pertaining to the production and marketing of domestic livestock. It provides the student with the opportunity to work with live animals while learning technical skills relating to human, scientific and technological dimensions of animal systems, anatomy and physiology, nutrition, reproduction, genetics, pests and diseases, and business management and operation skills. Students are given the opportunity to develop leadership skills through the FFA organization. Please note this is a one semester course receiving 1.0 credit.</td>
<td>None</td>
</tr>
<tr>
<td>551501</td>
<td>Floral Design</td>
<td>This is an activity-based course which prepares students to develop competencies in flower classification and identification, geometric and specialized floral designs, identification and classification of plants, interior landscape development, and the use of artistic elements in personal designs. Students will learn business practices as they relate to the floral industry, and are given the opportunity to develop leadership skills through the FFA organization. <strong>Successful completion of both semesters of this course will satisfy the Fine Arts (1.0) credit required for graduation.</strong> This course provides instruction and training necessary for the Texas State Florist's Certification.</td>
<td>None</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Description</td>
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<tr>
<td>551801</td>
<td>Floral Design II</td>
<td>In this course, students build on the knowledge from Floral Design and are introduced to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning. This course focuses on building skills in advanced floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event. Through the analysis and evaluation of various occasion and event types, students explore the design needs and expectations of clients and propose and evaluate appropriate creations. From conception to evaluation, students are challenged to create and design appropriate specialty floral designs that meet the needs of the client. Furthermore, an emphasis on budgetary adherence and entrepreneurship equips students with many of the necessary skills needed for success in floral enterprises. Student will have the opportunity to obtain their Texas State Florist Association Level 2 Certification.</td>
<td></td>
</tr>
<tr>
<td>55105B</td>
<td>Small Animal Management</td>
<td>This course is designed to develop knowledge and skills pertaining to selection, ownership, nutrition, reproduction, health and management of a variety of small animals while also exploring career opportunities. This is a laboratory-oriented course that gives students hands-on experience in working with a variety of small animals to possibly include canines, felines, avian, hamsters, small mammals and amphibians. It is suggested that students enroll in Small Animal Management before Veterinary Medical Applications. Students are also given the opportunity to develop leadership skills through the FFA organization.</td>
<td></td>
</tr>
<tr>
<td>552801</td>
<td>Veterinary Medical Applications</td>
<td>This course includes the academic background for entry-level positions as a veterinary assistant. Topics include animal anatomy, physiology, disease transmission, treatment techniques, lab procedures, parasitology, basic clinical pathology, radiology, emergency procedures, medical and surgical animal handling and restraint, health and safety, sanitation, surgical preparation, medical terminology, infectious diseases, instrument and equipment identification, vaccine preparation and injection techniques, laws and ethics, veterinary office procedures, nursing skills, client interaction, and clinic operations. Students are given the opportunity to develop leadership skills through the FFA organization. <strong>This course provides instruction and training necessary for the Texas Veterinary Medical Association’s Certified Veterinary Assistant Level I Certification, Red Cross Animal First Aid and CPR, and Hills Pet Nutrition Certification Level 1.</strong></td>
<td></td>
</tr>
<tr>
<td>552901</td>
<td>Practicum in Agriculture, Food and Natural Resources: Veterinary Medicine</td>
<td>This course prepares students for careers in the field of veterinary science. It is delivered through classroom-based instruction and internship, job shadowing, and/or employment arrangements with local veterinary clinics and equine facilities. Students are given the opportunity to develop leadership skills through the FFA organization. <strong>This course provides instruction and training necessary for the Hills Pet Nutrition Certification Level 2. Students enrolled in this course must provide their own transportation. The approximate student cost for the required uniform is $75.00. This purchase will be the property of the student.</strong></td>
<td></td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
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</tr>
<tr>
<td>552951</td>
<td>Practicum in Agriculture, Food and Natural Resources: Floral Design</td>
<td>This course prepares students for careers in the field of floral design. It is delivered through classroom-based instruction and internship, job shadowing, and/or employment arrangements with local floral businesses. Students are given the opportunity to develop leadership skills through the FFA organization. <strong>Students enrolled in this course must provide their own transportation. The approximate student cost for the required uniform is $25.00. This purchase will be the property of the student.</strong></td>
<td></td>
</tr>
<tr>
<td>55110Q</td>
<td>Wildlife, Fisheries and Ecology Management</td>
<td>This course is designed to examine the importance of wildlife and outdoor recreation with emphasis on using scientific knowledge to study wildlife and natural resources. Also included in the course are sections covering boater education, angler education, and hunter education. Students are also given the opportunity to develop leadership skills through the FFA organization. <strong>This course provides instruction and training necessary for the Texas Hunter Education and Boater Education Certifications.</strong> Please note this is a one semester course receiving 1.0 credit.</td>
<td></td>
</tr>
<tr>
<td>55170Q</td>
<td>Principles of Agriculture, Food, and Natural Resources</td>
<td>This comprehensive course prepares students for careers in agriculture, food, and natural resource management. Students benefit from the basis of agricultural knowledge as this course allows students to explore areas of animal, plant, food, agribusiness, and environmental sciences while developing their awareness and gaining knowledge and skills that promote personal development and career success. Students are also given the opportunity to develop leadership skills through the FFA organization. Please note this is a one semester course receiving 1.0 credit.</td>
<td></td>
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</tbody>
</table>
Architecture and Construction

To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click [here](#).

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
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<th>Grade</th>
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</tr>
</thead>
<tbody>
<tr>
<td>556851</td>
<td>Architectural Design I</td>
<td>11–12</td>
<td>1</td>
</tr>
<tr>
<td>557551</td>
<td>Architectural Design II</td>
<td>12</td>
<td>2</td>
</tr>
<tr>
<td>55235Q</td>
<td>Interior Design I</td>
<td>11–12</td>
<td>1</td>
</tr>
</tbody>
</table>

**556851 Architectural Design I**

Grade Placement: 11–12  
Prerequisite: Algebra I and Geometry recommended  
Credits: 1  
*What's next?* Architectural Design II

This is the first year of a two-year course. The study includes technical vocabulary, introduction to computer-aided drafting (CAD), orthographic projection, auxiliary views, dimensioning, sectional views, axonometric, the various career opportunities available, working drawing, and introduction to architectural concepts. In architectural design, students gain knowledge and skills specific to those needed to enter a career in architecture and construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design and landscape architecture. Software used in this course includes AutoCAD, Revit, and 3dsMax.

**557551 Architectural Design II**

Grade Placement: 12  
Prerequisite: Architectural Design I  
Credit: 2

This 2-hour course is a continuation of Architectural Design. The study includes architectural concepts, lettering, site conditions, residential designs, structural systems, civil drafting, H.V.A.C. systems, dimensioning, foundations, entrepreneurship, college investigation and computer-aided drafting concepts. Structural, electronic, civil drafting, 3D, and solid modeling are studied. This course includes an optional internship in which students practice their drafting skills with professionals in the business community. Students participating in optional internships must provide their own transportation.

**55235Q Interior Design I**

Grade Placement: 11–12  
Prerequisite: None  
Credit: 1

Interior Design I is a technical course that addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Emphasis is placed on home construction, the elements and principles of design, styles and quality of furniture. Background areas of homes and offices such as wall, window, ceiling, floor treatments and accessories will be analyzed for selection and use. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, promote sustainability and compete in industry. Please note this is a one semester course receiving 1.0 credit.
CAREER & TECHNICAL EDUCATION

Arts, Audio/Visual Technology and Communications

To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click here.

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<tbody>
<tr>
<td>403001</td>
<td>Digital Design and Media Production</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>403051</td>
<td>Digital Media</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>553101</td>
<td>Fashion Design I</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>553151</td>
<td>Fashion Design II and Fashion Design II Lab</td>
<td>11 – 12</td>
<td>2</td>
</tr>
<tr>
<td>556801</td>
<td>Graphic Design and Illustration I</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>557301</td>
<td>Graphic Design and Illustration I and Graphic Design and Illustration I Lab</td>
<td>11 – 12</td>
<td>2</td>
</tr>
<tr>
<td>557351</td>
<td>Graphic Design and Illustration II and Graphic Design and Illustration II Lab</td>
<td>12</td>
<td>2</td>
</tr>
<tr>
<td>403201</td>
<td>Audio/Video Production I</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>403301</td>
<td>Audio/Video Production II and Audio/Video Production II Lab</td>
<td>12</td>
<td>2</td>
</tr>
<tr>
<td>45350B</td>
<td>Professional Communications</td>
<td>9 – 12</td>
<td>.5</td>
</tr>
<tr>
<td>403101</td>
<td>Web Design</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>40360Q</td>
<td>Video Game Design</td>
<td>9 – 12</td>
<td>1</td>
</tr>
</tbody>
</table>

403001 Digital Design and Media Production

In this project-based course, students will learn design theory and technology skills for producing effective publications. While developing skills in page layout, editing, and graphic design, students will plan and produce documents such as newsletters, brochures, posters, marketing materials, and magazines. Students will also learn how to integrate digital content such as video, audio, text, graphics, and motion graphics into publications.

403051 Digital Media

Students will analyze the current and emerging technologies, while designing and creating multimedia projects. Students will develop proficiency in the use of text, graphics, animation, audio, and video. Students will utilize these skills to produce a variety of projects and presentations using Adobe Creative Cloud applications including Photoshop, InDesign, Flash, Premiere, and Illustrator. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society.
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</tr>
</thead>
<tbody>
<tr>
<td>553101</td>
<td>Fashion Design I</td>
<td>In this one-hour, full-year course, students will be introduced to the exciting world of the fashion industry. Course content will include the history of costume, garment styles, textiles, clothing construction, principles and elements of design, fashion merchandising and promotion, and careers in fashion.</td>
</tr>
</tbody>
</table>
|             |                                                  | Grade Placement: 11 – 12  
Prerequisite: None  
Credit: 1                                                                                                                         |
| 553151      | Fashion Design II and Fashion Design II Lab     | In this two-hour, full-year course, students will build upon the skills acquired in Fashion Design I. Projects include the design, construction, and marketing of the student's own collection of clothing. Quality clothing construction, fashion merchandising, and business concepts are an integral part of the course. The year culminates with the production of a fashion show featuring student designs! |
|             |                                                  | Grade Placement: 11 – 12  
Prerequisite: Fashion Design I  
Credits: 2; Fashion Design II (1 credit) and Lab (1 credit) must be taken as a consecutive block                                                                 |
| 556801      | Graphic Design and Illustration I (1 hour)      | This one or two-hour, full-year course provides training for entry-level employment in the graphic design field. Instruction includes basic components of graphic design and the development of the creative process from concept to finished product. Students will learn traditional techniques as well as current computer software technologies. Career opportunities will be explored. Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. |
| 557301      | Graphic Design and Illustration I and Graphic Design and Illustration II (2 hour) |                                                                                     |
|             |                                                  | Grade Placement: 11 – 12  
Prerequisite: None  
Credits: 1 or 2; For 2 hour version: Graphic Design and Illustration I (1 credit) and Lab (1 credit) must be taken as a consecutive block  
What's next? Graphic Design and Illustration II                                                                 |
| 557351      | Graphic Design and Illustration II and Graphic Design and Illustration II Lab | This two-hour, full-year course is a continuation of Graphic Design and Illustration providing students with hands-on experience working from concept to finish in a variety of formats. Students gain advanced knowledge of current computer software and techniques while applying them to class assignments and freelance jobs. |
|             |                                                  | Grade Placement: 12  
Prerequisite: Graphic Design and Illustration  
Credits: 2; Graphic Design and Illustration II (1 credit) and Lab (1 credit) must be taken as a consecutive block                                                                 |
| 403201      | Audio/Video Production I                         | In this one-hour, full year hands-on introductory course students will explore video production techniques. The course will include techniques in videography, audio, editing, lighting, script writing, and motion graphics using Photoshop, Final Cut Pro, GarageBand, and Motion. Students are expected to develop an understanding of the film industry with a focus on pre-production, production, and post-production video and audio activities. Students will participate in minor and major projects for a variety of purposes and audiences. |
|             |                                                  | Grade Placement: 11 – 12  
Prerequisite: Successful completion of a high school or senior high level technology course or audio/video teacher recommendation in lieu of prerequisites.  
Credit: 1  
What's next? Audio/Video Production II and Lab                                                                 |

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<tr>
<td>403301</td>
<td>Audio/Video Production II and Audio/Video Production II Lab</td>
<td>This two-hour, full year course is a continuation of Audio/Video Production I. Students will learn advanced video concepts while working on major projects. In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Visual Technology, and Communications career cluster, students are expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production activities. The class will include projects that provide the campus with necessary video production services. Smaller projects will serve as supplemental material for the students' professional portfolio.</td>
</tr>
<tr>
<td>45350B</td>
<td>Professional Communications</td>
<td>Professional Communications blends written, oral, and graphic communication in a real world context that promotes leadership and professional behaviors. Creative individuals with strong communications skills, a solid academic foundation and proficiency in a wide range of technology applications are in demand by higher education institutions and global industry. This course will help to develop and expand the ability to write, read, edit, speak, listen, present, apply software applications, manipulate computer graphics, and conduct research to better prepare for a competitive academic and/or workplace environment. Successful completion of this course will satisfy the speech requirement for graduation.</td>
</tr>
<tr>
<td>403101</td>
<td>Web Design</td>
<td>The student will develop an understanding of the structure, functions and technical foundations of the Internet. After developing basic proficiency in creating Web pages using traditional HTML coding, visual HTML editors and graphics production software, students will plan and develop Web sites targeting appropriate audiences.</td>
</tr>
<tr>
<td>40360Q</td>
<td>Video Game Design</td>
<td>This one-semester course will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. The curriculum will provide the theory of video game design that aligns with the International Game Developers Association. Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, and animation, and technical concepts of collision theory and programming logic. Students will participate in a simulation of real video game design team while developing technical proficiency in constructing an original 2D game design. Please note this is a one semester course receiving 1.0 credit.</td>
</tr>
</tbody>
</table>
CAREER & TECHNICAL EDUCATION

Business, Management and Administration

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</thead>
<tbody>
<tr>
<td>35300B</td>
<td>Touch System Data Entry</td>
<td>9 – 12</td>
<td>.5</td>
</tr>
<tr>
<td>35100Q</td>
<td>Principles of Business, Marketing and Finance</td>
<td>9 – 11</td>
<td>1</td>
</tr>
<tr>
<td>352001</td>
<td>Business Information Management</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>35530Q</td>
<td>Business Law</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>33540B</td>
<td>Global Business</td>
<td>11 – 12</td>
<td>.5</td>
</tr>
<tr>
<td>33550B</td>
<td>Virtual Business</td>
<td>10 – 12</td>
<td>.5</td>
</tr>
</tbody>
</table>

35300B  Touch System Data Entry

Grade Placement: 9 – 12
Prerequisite: None
Credit: .5

This one-semester course is designed for all students to acquire touch keyboarding skills and develop both speed and accuracy. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will be able to format tables, letters, and MLA reports and develop critical file management techniques. It is highly recommended that a student enroll in Touch System Data Entry to develop the skills needed for BIM, Web Mastering, and Digital Media.

35100Q  Principles of Business, Marketing & Finance

Grade Placement: 9 – 11
Prerequisite: None
Credit: 1

Principles of Business, Marketing, and Finance will provide the opportunity for students to gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students will analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance. Students will develop communication skills by working together on team projects, participating in class discussions and creating presentations using appropriate media. Please note this is a one semester course receiving 1.0 credit.
35201 Business Information Management (BIM)  
Business Information Management (BIM) is a full-year class that gives students a working knowledge of technology and prepares them to be proficient in business applications using Microsoft Office. Students will develop word processing, spreadsheet, presentation and database skills. BIM provides students the skills to master the world’s most powerful business software that prepares them to earn the globally recognized MOS (Microsoft Office Specialist Certifications).

<table>
<thead>
<tr>
<th>Grade Placement: 9 – 12</th>
<th>Prerequisite: Touch System Data Entry recommended</th>
<th>Credit: 1</th>
</tr>
</thead>
</table>

35530Q Business Law  
Business Law provides practical information of our legal system as it pertains to minors, family law, contracts, bankruptcy, sales warranties, employment laws, criminal law, wills, and the court system. Topics will include social responsibility of business, business ethics, torts, contracts, negotiable financial instruments, personal property, sales, warranties, agency and employment concepts, and real property. Please note this is a one semester course receiving 1.0 credit.

<table>
<thead>
<tr>
<th>Grade Placement: 11 – 12</th>
<th>Prerequisite: None</th>
<th>Credit: 1</th>
</tr>
</thead>
</table>

33540B Global Business  
Global Business provides students with an understanding of cultural diversity, the global economy, and international business organizations. The content and activities of the course allow the student to develop the appreciation, knowledge, skills, and abilities needed to work in a global marketplace. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. During this one-semester course, each student will have many opportunities to work in teams, and give presentations based on the research done on international business projects.

<table>
<thead>
<tr>
<th>Grade Placement: 11 – 12</th>
<th>Prerequisite: None</th>
<th>Credit: .5</th>
</tr>
</thead>
</table>

33550B Virtual Business  
Virtual Business will give students an opportunity to incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, and ethical dimensions of business to create a successful virtual business. Students assess their skills, interests & strengths to determine their suitability for working in the virtual world. Students will be involved in a team project that will give them real-world experience that develops leadership, communication, and project management skills through the process of starting virtual business.

<table>
<thead>
<tr>
<th>Grade Placement: 9 – 12</th>
<th>Prerequisite: None</th>
<th>Credit: .5</th>
</tr>
</thead>
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**CAREER & TECHNICAL EDUCATION**

**Education and Training**

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<tbody>
<tr>
<td>55200Q</td>
<td>Principles of Human Services</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>55230Q</td>
<td>Child Development</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>553001</td>
<td>Instructional Practices</td>
<td>11 – 12</td>
<td>2</td>
</tr>
<tr>
<td>553051</td>
<td>Practicum in Education and Training</td>
<td>12</td>
<td>2</td>
</tr>
</tbody>
</table>

**55200Q Principles of Human Services**

Grade Placement: 9 – 12  
Prerequisite: None  
Credit: 1  

This course will investigate career clusters with a focus on human service careers, including teaching, counseling and mental health, early childhood development, family and community and personal care services. Each student will participate in a variety of projects designed to develop personal characteristics and skills that will lead them into readiness and success in high-skill, high-wage, or high demand careers. Please note this is a one semester course receiving 1.0 credit.

**55230Q Child Development**

Grade Placement: 11 – 12  
Prerequisite: None  
Credit: 1  

What's next? Instructional Practices  

This course addresses knowledge and skills related to child development and growth from prenatal through school-age children equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children. This course also offers insight into child-related careers. Please note this is a one semester course receiving 1.0 credit.

**553001 Instructional Practices**

Grade Placement: 11 – 12  
Prerequisite: Annual Criminal Background Check  
Credits: 2  
What's next? Practicum in Education and Training  

This two credit course is a field-based/internship combined with classroom instruction designed to give students the opportunity to explore careers in teaching and occupations working directly with children and adolescents. Students experience the guidance and development of children physically, socially, emotionally, and intellectually. Six hours per week are in the classroom and four hours per week at the internship site, including the educational preschool located on campus. Internship experience requires students to travel independently to elementary schools, preschools, and middle schools, to plan and carry through activities while observing and recording development. This course offers training to persons interested in professions related to human development, psychology, medicine, education, and childcare. **Students enrolled in this course must provide their own transportation.**

All courses may not be offered on every campus.
Practicum in Education and Training is a two-hour field-based/internship course designed to give students the opportunity to do an in-depth study of the physical, social, emotional and intellectual growth and development of children and adolescents through four hours classroom study per week and six hours internship experience per week. Students have 2 hours less in the classroom and 2 hours more at their internship sites than in the Instructional Practices course. Internships include the educational preschool located on campus and other sites requiring students to travel independently to elementary schools and middle schools. This course offers training to persons interested in professions related to human development, psychology, medicine, education, and childcare. **Students enrolled in this course must provide their own transportation.**
CAREER & TECHNICAL EDUCATION

Finance
To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click here.

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>35100Q</td>
<td>Principles of Business, Marketing and Finance</td>
<td>9 – 11</td>
<td>1</td>
</tr>
<tr>
<td>355001</td>
<td>Accounting I</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>355101</td>
<td>Accounting II</td>
<td>12</td>
<td>1</td>
</tr>
</tbody>
</table>

35100Q Principles of Business, Marketing & Finance
Grade Placement: 9 – 11
Prerequisite: None
Credit: 1

Principles of Business, Marketing, and Finance will provide the opportunity for students to gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students will analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance. Students will develop communication skills by working together on team projects, participating in class discussions and creating presentations using appropriate media. Please note this is a one semester course receiving 1.0 credit.

355001 Accounting I
Grade Placement: 11 – 12
Prerequisite: None
Credit: 1

Accounting is highly recommended for all students planning to major in Business in college. Students will be prepared for the Accounting I class at the university level and have the skills for an entry-level accounting job. Students will learn the general journal approach to accounting for sole proprietorships, partnerships, and corporations. Students will apply basic accounting principles to “real world” situations through the use of computers and business simulations. Students will investigate the field of accounting, including economic, financial, technological, international, social, legal and ethical factors.

What’s next? Accounting II

35501 Accounting II
Grade Placement: 12
Prerequisite: Accounting I
Credit: 1 (3rd or 4th math credit)

Accounting II is an asset for the student planning to major in Accounting, to work part-time to help pay college expenses, or to enter the accounting profession after high school. This course will provide in-depth application of the basic accounting principles as the students engage in various managerial and cost accounting activities. Students will formulate and interpret financial information for use in management decision making. The use of simulations, accounting software, and spreadsheets provide students with experience using real-world situations. Successful completion of both semesters of this course will receive math credit.

All courses may not be offered on every campus.
Health Science

To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click here.

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</tr>
</thead>
<tbody>
<tr>
<td>55410Q</td>
<td>Medical Terminology</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>554201</td>
<td>Principles of Health Science</td>
<td>10 – 12</td>
<td>1</td>
</tr>
<tr>
<td>554401</td>
<td>Health Science Theory and Clinical</td>
<td>11 – 12</td>
<td>2</td>
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<tr>
<td>554301</td>
<td>Pharmacology</td>
<td>12</td>
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<tr>
<td>554501</td>
<td>Practicum in Health Science</td>
<td>12</td>
<td>2</td>
</tr>
<tr>
<td>554601</td>
<td>World Health Research</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>204101</td>
<td>Anatomy and Physiology</td>
<td>11 – 12</td>
<td>1</td>
</tr>
</tbody>
</table>

55410Q  Medical Terminology

Grade Placement: 9 – 12
Prerequisite: None
Credit: 1

This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, singular/plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. Please note this is a one semester course receiving 1.0 credit.

554201  Principles of Health Science

Grade Placement: 10 – 12
Prerequisite: Biology or presently enrolled in Biology
Credit: 1 (health credit)

What's next? Health Science Theory and Clinical, Pharmacology, World Health Research, or Practicum in Health Science

Principles of Health Science is designed to provide students the opportunity for comprehensive study of human anatomy and physiology, medical terms, intro to basic patient care skills, AHA First Aid and CPR certification, as well as health career exploration. Students will also address the relevance of this class to today's health care industry. **This course is the required prerequisite for Health Science Theory and Clinical, Pharmacology, and Practicum in Health Science.** Successful completion of both semesters of this course will satisfy the Health credit required for graduation.

554401  Health Science Theory and Clinical

Grade Placement: 11 – 12
Prerequisite: Biology, Principles of Health Science and application required
Credits: 2; Health Science Theory (1 credit) and Clinical (1 credit) must be taken as a consecutive block

What's next? Practicum in Health Science, World Health Research, or Pharmacology

Health Science Theory and Clinical is a two-hour full-year program that provides the student with a unique opportunity to explore a variety of health care careers. Students develop skills while training under the direct supervision of a licensed health care professional. The first twelve weeks of the course are spent in class in preparation for the clinical rotation intern experience. The remainder of the year students alternate between related classroom instruction and serving as an unpaid intern in a hospital or other health care facility. **Students will become AHA Healthcare Provider CPR certified. Acceptance into Health Science Theory and Clinical is based upon application only. Students enrolled in this course must provide their own transportation.**
554301 Pharmacy

Grade Placement: 12
Prerequisite: Biology, Chemistry, Principles of Health Science and application required
Credits: 1

Health Science: Pharmacy Tech is a one-hour full-year health science course for senior level students. Acceptance into Pharmacy Tech is based on application. The prerequisite is Principles of Health Science and application. This course will provide opportunities for the student to complete in-depth advanced studies in a specialized field of health care. Pharmacy Tech 1-hour includes content for preparing students for the National Pharmacy Technician Certification Exam.

554501 Practicum in Health Science

Grade Placement: 12
Prerequisite: Health Science Theory and Clinical (formerly Practicum in Health Science I) and application required
Credits: 2

Practicum in Health Science II is a two-hour, full year course for seniors only. Students have the opportunity to participate in unpaid clinical rotation internships at local medical facilities. Classroom instruction may include content designed to prepare students for Nurse Aide (CAN), or other health care certification exams. Acceptance into Practicum in Health Science is by application only. Students enrolled in this course must provide their own transportation.

554601 World Health Research

Grade Placement: 11 - 12
Prerequisite: Biology, Chemistry, and Medical Terminology or Principles of Health Science
Credits: 1

This course examines major world health problems and emerging technologies as solutions to these medical concerns. The course is designed to improve students' understanding of the cultural, infrastructural, political, educational, and technological constraints and inspire ideas for appropriate technological solutions to global medical care issues.

204101 Anatomy and Physiology

Grade Placement: 11 – 12
Prerequisite: Biology and Chemistry
Credit: 1 (science credit)

Anatomy and Physiology includes laboratory investigation and fieldwork using appropriate scientific inquiry. This hands-on course is a survey of the structures and functions of the human body and integrates the physics and chemistry concepts found in the body systems. In this course the student will investigate the body's responses to forces: maintenance of homeostasis, electrical interactions, transport systems, and energy processes. Successful completion of both semesters of this course will satisfy a science credit.

All courses may not be offered on every campus.
## Hospitality and Tourism

To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click [here](#).

<table>
<thead>
<tr>
<th>Plano ISD Course No.</th>
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<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>55210Q</td>
<td>Principles of Hospitality and Tourism</td>
<td>9 – 10</td>
<td>1</td>
</tr>
<tr>
<td>552251</td>
<td>Food Science</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>55550Q</td>
<td>Introduction to Culinary Arts</td>
<td>10 – 12</td>
<td>1</td>
</tr>
<tr>
<td>553201</td>
<td>Culinary Arts</td>
<td>11 – 12</td>
<td>2</td>
</tr>
<tr>
<td>553251</td>
<td>Practicum in Culinary Arts</td>
<td>11 – 12</td>
<td>2</td>
</tr>
</tbody>
</table>

**55210Q Principles of Hospitality and Tourism**

- **Grade Placement:** 9 – 10
- **Prerequisite:** None
- **Credit:** 1

The hospitality and tourism industry, as well as this course, encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry. Please note this is a one semester course receiving 1.0 credit.

**552251 Food Science**

- **Grade Placement:** 11 – 12
- **Prerequisite:** Biology and IPC or Chemistry
- **Credit:** 1 (science credit)

Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing and the improvement of foods for the consuming public. Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. **Successful completion of both semesters of this course will satisfy a science credit.**

**55550Q Introduction to Culinary Arts**

- **Grade Placement:** 10 – 12
- **Prerequisite:** None
- **Credit:** 1

This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Food labs simulating restaurants are included on most campuses. The growing Hospitality and Tourism career cluster will be explored. Please note this is a one semester course receiving 1.0 credit.
### 553201 Culinary Arts

<table>
<thead>
<tr>
<th>Grade Placement:</th>
<th>11 – 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>None</td>
</tr>
<tr>
<td>Credits:</td>
<td>2</td>
</tr>
</tbody>
</table>

*What's next?* Practicum in Culinary Arts

This course is a two-hour full-year laboratory class designed for students that have a special interest in food service employment and for those students planning to pursue advanced education in hotel and restaurant management. The use of commercial kitchen equipment and the safety and sanitation factors involved in the food service industry are explored. Classroom instruction and laboratory experiences will include basic skill development in quantity food preparation. Careers in the Hospitality and Tourism industry will be explored. Students will have the opportunity to develop leadership skills and compete in culinary competitions through the youth leadership organizations associated with this class.

### 553251 Practicum in Culinary Arts

<table>
<thead>
<tr>
<th>Grade Placement:</th>
<th>11 – 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Culinary Arts</td>
</tr>
<tr>
<td>Credits:</td>
<td>2</td>
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</tbody>
</table>

This course is a two-hour full-year laboratory class designed for students who have completed Culinary Arts. Advanced techniques in quantity food preparation will be practiced in the commercial laboratory classroom. Some field site experiences may be arranged requiring students to travel independently to food service operations. Emphasis will be on food service management as well as planning, preparing, and serving various meals for school and community groups. Students will have the opportunity to develop leadership skills and compete in culinary competitions through the youth leadership organizations associated with this class. **Students participating in field site experiences and internships must provide their own transportation.**
**CAREER & TECHNICAL EDUCATION**

**Human Services**

To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click [here](#).

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<tr>
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<tbody>
<tr>
<td>55200Q</td>
<td>Principles of Human Services</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>55230Q</td>
<td>Child Development</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>553801</td>
<td>Career Preparation I and Extended Career Preparation</td>
<td>11 – 12</td>
<td>3</td>
</tr>
<tr>
<td>553851</td>
<td>Career Preparation II and Extended Career Preparation</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>55240B</td>
<td>Dollars and Sense</td>
<td>10 – 12</td>
<td>.5</td>
</tr>
<tr>
<td>55245B</td>
<td>Interpersonal Studies</td>
<td>11 – 12</td>
<td>.5</td>
</tr>
<tr>
<td>55260B</td>
<td>Lifetime Nutrition and Wellness</td>
<td>10 – 12</td>
<td>.5</td>
</tr>
</tbody>
</table>

**55200Q Principles of Human Services**

This course will investigate career clusters with a focus on human service careers, including teaching, counseling and mental health, early childhood development, family and community and personal care services. Each student will participate in a variety of projects designed to develop personal characteristics and skills that will lead them into readiness and success in high-skill, high-wage, or high demand careers. Please note this is a one semester course receiving 1.0 credit.

**55230Q Child Development**

This course addresses knowledge and skills related to child development and growth from prenatal through school-age children. Students use these skills to promote the well-being and healthy development of children. This course also offers insight into child-related careers. The preschool learning center activities provide rewarding and valuable teaching experiences for students. Please note this is a one semester course receiving 1.0 credit.

**553801 Career Preparation I and Extended Career Preparation**

This course provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with paid business and industry employment experiences. Classroom experiences include: job acquisition, career progression, financial success, business/entrepreneurial applications, occupational safety and health and relevant news topics. Professional portfolios will be created with material supporting an educational/career plan for the future. **Students enrolled in this course must provide their own transportation.**
### 553851 Career Preparation II and Extended Career Preparation

**Grade Placement:** 12  
**Prerequisite:** Career Preparation I and Extended Career Preparation  
**Credit:** 3; Career Preparation II (2 credits) and Extended Career Preparation (1 credit) must be taken as a consecutive block

As a second year course, it is designed to enhance key concepts of Career Preparation I. The curriculum includes cooperative learning with situational experiences applied to a variety of employment settings and career clusters. Students will perfect their professional portfolio and answer critical questions regarding educational options after high school, current employment trends, financial planning and career enhancement, and entrepreneurship. Students will have daily classroom instruction with paid business and industry employment experiences. **Students enrolled in this course must provide their own transportation.**

### 55240B Dollars and Sense

**Grade Placement:** 10 – 12  
**Prerequisite:** None  
**Credit:** .5

This vital course explores managing life independently. Areas of study include budgeting, banking, saving, investments, housing, living healthy, insurance and careers. A focus on money management and consumer practices will prevail throughout the course, including curriculum from expert Dave Ramsey.

### 55245B Interpersonal Studies

**Grade Placement:** 11 – 12  
**Prerequisite:** None  
**Credit:** .5

This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, and manage multiple adult roles. Class discussion is an integral part of the class. Careers related to Interpersonal Studies will be explored.

### 55260B Lifetime Nutrition and Wellness

**Grade Placement:** 10 – 12  
**Prerequisite:** None  
**Credit:** .5

This interactive course allows students to use principles of lifetime wellness and nutrition to help them make informed choices as well as pursue related careers. The role nutrition plays in both professional and recreational sports will be explored. Students will investigate the relationship between food and physical, emotional, and mental health, developing a nutritional plan which meets the needs of the individual.
CAREER & TECHNICAL EDUCATION

Information Technology

To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click here.

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</thead>
<tbody>
<tr>
<td>40340Q</td>
<td>Principles of Information Technology</td>
<td>9 – 12</td>
<td>1</td>
</tr>
<tr>
<td>556601</td>
<td>Internetworking Technologies 1 (Cisco CCNA I &amp; II)</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>556651</td>
<td>Internetworking Technologies 2 (Cisco CCNA III &amp; IV)</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>403051</td>
<td>Digital Media</td>
<td>9 – 12</td>
<td>1</td>
</tr>
</tbody>
</table>

40340Q  Principles of Information Technology

Grade Placement: 9 – 12
Prerequisite: None
Credit: 1

Principles of Information Technology develops computer literacy skills utilized in emerging technologies and the global marketplace. Students apply word processing, spreadsheet, database, presentation, and web publishing technologies using Microsoft Office and Google Tools. Each student will implement personal and interpersonal skills as he or she experiences project-based learning that prepares them for the rapidly evolving work and academic environment. Please note this is a one semester course receiving 1.0 credit.

556601  Internetworking Technologies 1 (Cisco CCNA I & II)

Grade Placement: 11 – 12
Prerequisite: Algebra I
Credit: 1

This course teaches networking through the PISD Cisco Networking Academy Program and prepares students for industry standard certifications. Topics include LANs, the OSI model, addressing, and routing. Students who successfully complete the first two semesters of the program are eligible to earn Cisco Certified Entry Network Technician (CCENT) certification. Students who successfully complete two years (four semesters) of the program are eligible to earn Cisco Certified Network Associate (CCNA™) certification. Students may continue this training at any Cisco Academy.

556651  Internetworking Technologies 2 (Cisco CCNA III & IV)

Grade Placement: 12
Prerequisite: Internetworking Technologies 1 (Cisco CCNA I & II)
Credit: 1

This course teaches networking through the PISD Cisco Networking Academy Program and prepares students for industry standard certifications. Topics include WANs, routers, TCP/IP addressing, routing protocols, and network troubleshooting. Students who successfully complete two years (four semesters) of the program are eligible to earn Cisco Certified Network Associate (CCNA™) certification.
403051  Digital Media

Grade Placement: 9 – 12
Prerequisite: Proficiency in keyboarding and computer file management
Credit: 1

Students will analyze the current and emerging technologies, while designing and creating multimedia projects. Students will develop proficiency in the use of text, graphics, animation, audio, and video. Students will utilize these skills to produce a variety of projects and presentations using Adobe Creative Cloud applications including Photoshop, InDesign, Flash, Premiere, and Illustrator. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society.
**CAREER & TECHNICAL EDUCATION**

**Law, Public Safety, Corrections and Security**

To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click [here](#).

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<tbody>
<tr>
<td>55520Q</td>
<td>Principles of Law, Public Safety, Corrections and Security</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>555301</td>
<td>Law Enforcement I</td>
<td>11 – 12</td>
<td>1</td>
</tr>
<tr>
<td>555501</td>
<td>Law Enforcement II</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>555401</td>
<td>Forensic Science</td>
<td>12</td>
<td>1</td>
</tr>
</tbody>
</table>

**55520Q Principles of Law, Public Safety, Corrections and Security**

Principles of Law, Public Safety, Corrections and Security introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will analyze legal and ethical responsibilities of the professions and will recognize the importance of interagency cooperation. Students will use communication skills in creating, expressing, and interpreting information and ideas, and will propose solutions to address problems related to law. Students will identify the roles and functions of court systems, the correctional system, private security and agencies, and fire protection services. Please note this is a one semester course receiving 1.0 credit.

**555301 Law Enforcement I**

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. Students will understand ethical behavior standards for law enforcement personnel. Students will study court cases and analyze the following: impact of court decisions, custody and interrogation, procedural and substantive criminal law, the rights of victims and witnesses, and reasonable suspicion and probable cause. Students will use field note-taking and report-writing skills and will employ procedures to protect, document and process a crime scene.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>55501</td>
<td>Law Enforcement II</td>
<td>Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes examining ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony. Students will develop communication skills to evaluate body language, gestures, verbal tone, and inflection and will use written skills to facilitate field note taking and report writing such as incident reports. Students will prepare testimony for court and present testimony during a mock trial. Students will understand passive, aggressive and assertive behavior and will demonstrate the use of anger management techniques to resolve conflicts and reduce anger. Students will study law enforcement procedures for serving writs, warrants, and summons, procedures pertaining to alcohol and beverage laws, driving while intoxicated and driving under the influence, and strategies for crowd management. Students will investigate and document a motor vehicle accident.</td>
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<tr>
<td></td>
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<td>All courses may not be offered on every campus.</td>
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</tbody>
</table>
### CAREER & TECHNICAL EDUCATION

**Manufacturing**

To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click [here](#).

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<tbody>
<tr>
<td>557601</td>
<td>Welding I</td>
<td>12</td>
<td>2</td>
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</tbody>
</table>

**557601  Welding I**

Grade Placement: 12  
Prerequisite: Agricultural Mechanics and Metal Technologies  
Credits: 2  

This course will allow students to fortify and increase their knowledge of welding procedures and skills used in project construction through class assignments and projects. Topics covered may include: oxyfuel cutting/heating/welding, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux-cored Arc Welding (FCAW), plasma arc cutting, safety, and metal fabrication. In addition, record keeping, communication, employability, and human relation skills will be taught. This course will allow students to gain knowledge and skills that promote personal development and career success through involvement in the FFA. A course fee may be required for projects that can be taken home by the student. **This course provides instruction and training necessary for the ASW Certified Welder certification.**
**CAREER & TECHNICAL EDUCATION**

**Marketing, Sales and Services**

To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click [here](#).

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<td>Principles of Business, Marketing and Finance</td>
<td>9–11</td>
<td>1</td>
</tr>
<tr>
<td>55500Q</td>
<td>Entrepreneurship</td>
<td>11–12</td>
<td>1</td>
</tr>
<tr>
<td>55270B</td>
<td>Fashion Marketing</td>
<td>11–12</td>
<td>.5</td>
</tr>
<tr>
<td>55560B</td>
<td>Social Media Marketing</td>
<td>11–12</td>
<td>.5</td>
</tr>
<tr>
<td>55515B</td>
<td>Sports and Entertainment Marketing</td>
<td>11–12</td>
<td>.5</td>
</tr>
<tr>
<td>555801</td>
<td>Practicum in Marketing with Extended Practicum</td>
<td>11–12</td>
<td>3</td>
</tr>
</tbody>
</table>

**35100Q Principles of Business, Marketing & Finance**

Grade Placement: 9 – 11  
Prerequisite: None  
Credit: 1  

Principles of Business, Marketing, and Finance will provide the opportunity for students to gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students will analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance. Students will develop communication skills by working together on team projects, participating in class discussions and creating presentations using appropriate media. Please note this is a one semester course receiving 1.0 credit.

**55500Q Entrepreneurship**

Grade Placement: 11 – 12  
Prerequisite: None  
Credit: 1  

What's next? Any Marketing course  

This course provides an overview of the process involved in starting a business and explores the resources available to help business owners in their venture. You will learn to enjoy your work, be your own boss, and make more money as you discover what it takes to plan, design, and start a profitable business venture. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. Also, students will understand the capital required, the return on investment desired and the potential for profit. Please note this is a one semester course receiving 1.0 credit.
55270B  Fashion Marketing
Grade Placement: 11 – 12
Prerequisite: None
Credit: .5
What's next? Any Marketing course
This course introduces students to the business side of the fashion industry. Fashion marketers plan and purchase seasonal collections and prepare budget forecasts. They are involved in the control of distribution, the organization and physical layout of the merchandise, and the visual presentation and merchandising of goods. They participate in the organization of promotional, advertising and public relations, and in customer service. While focusing on current fashion trends, students will acquire an understanding of fashion terminology, the consumers of fashion, and the specific marketing strategies used in fashion retailing.

55560B  Social Media Marketing
Grade Placement: 11 – 12
Prerequisite: None
Credit: .5
What's next? Any Marketing course
This course is designed to give the student a view of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

55515B  Sports and Entertainment Marketing
Grade Placement: 11 – 12
Prerequisite: None
Credit: .5
What's next? Any Marketing course
This course introduces students to the fundamentals of marketing in the sports and entertainment industries. Students will explore product branding, licensing, sponsorships, pricing, placement, promotion, event marketing, advertising, and implementation of sports and entertainment marketing plans. Students will create a football franchise using a virtual sports simulation. Students will gain an understanding of how the sports and entertainment industries impact the economy and will understand how culture and diversity affect sports and entertainment markets. Students will understand the importance of teamwork, leadership, and organizational skills. Students will evaluate and use information resources to accomplish specific tasks and will deliver presentations using appropriate media to engage and inform audiences.

555801  Practicum in Marketing with Extended Practicum
Grade Placement: 11 – 12
Prerequisite: 16 years old
Credits: 3: Practicum in Marketing (2 credits) and Extended Practicum in Marketing (1 credit) must be taken as a consecutive block
What's next? Practicum in Marketing Dynamics
This course is designed for students interested in a career in marketing. The course combines classroom instruction with supervised on-the-job training where the student practices marketing skills learned in the classroom, at an approved training station (job location), with a qualified supervisor. Students are expected to maintain their marketing job for the entire school year. Instruction emphasizes essential topics such as marketing principles and practices and the functions of marketing which include: marketing-information management, selling, financing, pricing, promotion, product/service management, and distribution. Students enrolled in this course must provide their own transportation.
## Career & Technical Education

### Science, Technology, Engineering and Mathematics

To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click [here](#).

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<td>208001</td>
<td>Honors Scientific Research and Design</td>
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### 556101 Introduction to Engineering Design (PLTW)

- **Grade Placement:** 9 – 10
- **Prerequisite:** Algebra I or concurrent enrollment in Algebra I.
- **Credit:** 1

This is the foundation course in a series of Project Lead The Way (PLTW.org) pre-engineering courses designed to introduce the students to the field of engineering and prepare the student to pursue a career in engineering. The major focus of the course is learning how to take an idea through a design process that will eventually be manufactured or produced. As you learn about various aspects of engineering and engineering design, such as how engineers communicate through drawing, you will apply what you learn through various activities, projects, and problems. You will use state of the art 3-D design software to help you design solutions to different design projects. Working in teams, you will learn about documenting your solutions, solving problems, and communicating your solutions to other students and members of the professional engineering community.

### 556201 Engineering Science (PLTW) (formerly POE)

- **Grade Placement:** 10 – 12
- **Prerequisite:** Geometry or concurrent enrollment and Chemistry or concurrent enrollment is required. Successful completion of Intro to Engineering Design (IED) is recommended.
- **Credit:** 1 (science credit)

This course is part of the Project Lead The Way (PLTW.org) pre-engineering sequence. Applying the principles of physics to various technology systems and manufacturing processes helps students learn how engineers and technicians use science, technology, and math in an engineering problem solving process. Topics covered include: mechanisms and mechanical advantage, static forces and bridge design, material properties, energy and power generation, thermodynamics, kinematics, fluid power, and creation of Robot C language programs for robotics and machine control. **Successful completion of both semesters of this course will receive science credit.**
556301  **Aerospace Engineering (PLTW)**

Grade Placement: 11 – 12  
Prerequisite: Algebra II or concurrent enrollment; Physics or concurrent enrollment; PLTW Engineering Science (POE) or Introduction to Engineering Design (IED). Engineering Science (POE) is recommended.  
Credit: 1  

This PLTW course is designed for independent learners with strong analytical skills who have an interest in the field of aviation and are interested in pursuing an engineering career. Aerospace Engineering is the study of the engineering discipline which develops new technologies for use in aviation, defense systems, and space exploration. The course explores the evolution of flight, flight fundamentals, navigation and control, aerospace materials, propulsion, space travel, orbital mechanics, ergonomics, remotely operated systems and related careers. In addition the course presents alternative applications for aerospace engineering concepts. Students will analyze, design, and build aerospace systems. While implementing these designs, students will continually hone their interpersonal skills, creativity, and application of the design process. Projects completed outside of the classroom are required for this course.

556351  **Digital Electronics (PLTW)**

Grade Placement: 11 – 12  
Prerequisite: Algebra I and Geometry is required. Successful completion of PLTW Introduction to Engineering Design (IED) or Engineering Science (POE) is required. Engineering Science (POE) is recommended.  
Credit: 1 (math credit)

Digital Electronics is the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discreet voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. Digital electronics is the foundation of modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, and high-definition televisions. The primary focus of Digital Electronics is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. **Successful completion of both semesters of this course will receive math credit.**

556501  **Engineering Design and Development (PLTW)**

Grade Placement: 12  
Prerequisite: Algebra II; Physics or concurrent enrollment; Introduction to Engineering Design (IED); Engineering Science (POE) or teacher recommendation in lieu of prerequisites.  
Credit: 1  

The knowledge and skills students acquire throughout their PLTW Engineering coursework come together in Engineering Design and Development (EDD) as they work to identify an issue and then research, design, and test a solution of their open-ended problem, ultimately presenting and defending their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards and develop a product. While progressing through the engineering design process, students will work closely with experts and will continually hone their organizational, communication, and interpersonal skills, their creative and problem solving abilities, and their understanding of the design process.
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<td>Engineering Design and Presentation I</td>
<td>Engineering Design and Presentation introduces students to the process of design as it applies to engineering fields using multiple software applications (AutoCAD, AutoDesk Inventor) and tools necessary to produce and present working drawings and model renderings. Through implementation of the design process, students will transfer advanced academic skills to component designs. Students will explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas. Students will participate in team projects, use engineering design methodologies, apply concepts of engineering to specific problems, and design products using appropriate design processes and techniques.</td>
</tr>
<tr>
<td>208001</td>
<td>Honors Scientific Research and Design</td>
<td>Students will explore science and become acquainted with the scientific community, improve fundamental research skills, apply statistical analysis, and enhance oral and visual presentation techniques. Each student will be required to develop his/her own independent science research project and will learn how to structure, organize, publish, and present the project in one or more formal presentations to a panel of judges. Successful completion of both semesters of this course will satisfy a science credit.</td>
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## Transportation, Distribution and Logistics

To find out more about the Career & Technical Education Texas Essential Knowledge and Skills (TEKS) click [here](#).

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**557101 Collision Repair**  
Grade Placement: 11 – 12  
Prerequisite: Application is required.  
Credits: 2  
*What's Next?* Paint and Refinishing  
This is the first year of a two-year course. Students meet two hours daily for classroom and laboratory instruction. The students receive training in the fundamental and manipulative skills related to auto body repair and acquire the knowledge to become competent in the field of auto body repair. Areas covered are body frames, fender and bumper, removing windows and repairing damaged panels, replacing windows and windshields, welding light metals, filling with lead or plastic, estimating and pricing repair work, and spray painting. **This course provides instruction and training necessary for I-CAR student certification(s).**

**557151 Paint and Refinishing**  
Grade Placement: 12  
Prerequisite: Collision Repair, Application is required.  
Credits: 2  
This course is a continuation of Collision Repair. **This course provides instruction and training necessary for I-CAR student certification(s).**

**557201 Automotive Technology I: Maintenance and Light Repair**  
Grade Placement: 11 – 12  
Prerequisite: Application is required.  
Credits: 2  
*What's Next?* Automotive Technology II  
This is the first year of a two-year course. The course offers students theory and experience in most all phases of automotive drive-train repair. Students spend approximately 75 percent of their time with hands-on training and the remaining time is devoted to classroom instruction. Shop management and youth leadership are also incorporated into the course of study. **This course provides instruction and training necessary for ASE student certification(s).**

**557251 Automotive Technology II: Automotive Service**  
Grade Placement: 12  
Prerequisite: Automotive Technology I: Maintenance and Light Repair, Application is required.  
Credits: 2  
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