

COURSE CATALOG
2023-2024
HIGH SCHOOL
GRADES 9-12



**FOR STUDENTS
ENTERING 9TH GRADE
IN 2023 – 2024
IT IS IMPORTANT
THAT THE STUDENT
KEEP
THIS CATALOG UNTIL
GRADUATION**

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.

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P L A N O
Independent School District

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.

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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

EIC
(Local)

Academic Achievement:
Class Ranking

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

Numerical Grade	Distinguished*	Honors*	Regular	Modified	Applied / Fundamental / Basic / Developmental
97 and above	5.0	4.5	4.0	3.5	2.5
93–96	4.8	4.3	3.8	3.3	2.3
90–92	4.6	4.1	3.6	3.1	2.1
87–89	4.4	3.9	3.4	2.9	1.9
83–86	4.2	3.7	3.2	2.7	1.7
80–82	4.0	3.5	3.0	2.5	1.5
77–79	3.8	3.3	2.8	2.3	1.3
73–76	3.6	3.1	2.6	2.1	1.1
71–72	3.4	2.9	2.4	1.9	1.0
70	3.0	2.5	2.0	1.5	1.0
Below 70	0	0	0	0	0

* see EIC (EXHIBIT) beginning on page 9 for identified courses.

Academy HS uses a different grading point system.

Cumulative GPA

- All students receive a Cumulative GPA.
- To calculate a Cumulative GPA, include final semester grades from all credit earning courses. Exceptions are listed in EIC [LOCAL].

Ranking GPA

- The Ranking GPA is internally calculated solely for the purpose of determining the top 10% of a graduating class.
- The Ranking GPA will only be calculated and available for those students who are in the top 10% of their graduating class.
- The Ranking GPA will be calculated for the first time during the fall of a student's 11th grade year.

Note: The following shall apply to students beginning with the graduating class of 2023.

COURSE WEIGHT DESIGNATIONS

Distinguished Level Courses (5.0 GPA Credit)

Computer Science AP Computer Science Principles AP Computer Science A IB Computer Science SL/HL English AP English III (includes American Studies) IB English III HL AP English IV IB English IV HL Health Sciences Academy HSA- Principles of Biomedical Science (PLTW) HSA-Human Body Systems (PLTW) HSA-Practicum in Health Science HSA-Medical Interventions (PLTW) Information Technology Internetworking Technologies I Internetworking Technologies II Languages Other Than English Chinese IV AP IB Chinese IV SL French IV AP IB French IV SL IB French V HL German IV AP Spanish IV AP IB Spanish IV SL Spanish V AP IB Spanish V HL Miscellaneous Courses AP Capstone: AP Seminar	Mathematics AP Calculus AB AP Calculus BC IB Mathematics Analysis & Approaches SL IB Mathematics Analysis & Approaches HL IB Mathematics Applications & Interpretation SL IB Mathematics Applications & Interpretation HL AP Statistics Multivariable Calc Dual Credit Music Education AP Music Theory Science AP Biology + Advanced Bio Lab IB Biology SL/HL AP Chemistry + Advanced Chem Lab IB Chemistry SL/HL AP Physics C AP Physics 1/2 IB Physics SL/HL AP Environmental Science IB Environmental Systems SL Engineering Science (PLTW) Science, Technology, Engineering, and Mathematics Introduction to Engineering Design (PLTW) Engineering Science (PLTW) Aerospace Engineering (PLTW) Digital Electronics (PLTW) Engineering Design and Development (PLTW)	Social Studies AP Human Geography (includes IH Humanities I) AP World History (includes Humanities II & IH Humanities II) AP US History (includes American Studies) IB History of the Americas HL AP Government & Politics AP Economics Micro AP Economics Macro IB Economics SL/HL AP Comparative Government AP Psychology AP European History IB Theory of Knowledge IB World Area Studies HL Visual Arts Education IB Art Design III SL IB Art Design IV HL AP 2D Art and Design AP 3D Art and Design AP Drawing AP Art History
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Honors Level Courses (4.5 GPA Credit)

<p>Agr, Food, and Nat Resources Practicum in Agriculture, Food, and Natural Resources</p> <p>Computer Science Computer Science III Honors</p> <p>Education and Training Practicum in Education and Training</p> <p>English English I Honors (includes Humanities I) English I IH (includes IH Humanities I) English II Honors English II IH (includes IH Humanities II) English III Honors English III Dual Credit English IV Honors English IV Dual Credit</p> <p>Finance Accounting II Honors</p> <p>Health Science Practicum in Health Science II</p> <p>Hospitality and Tourism Practicum in Culinary Arts</p> <p>Visual Arts Education Art I: 2D Design & Drawing Honors IH Art Design I Art I: 3D Design & Sculpture Honors IH Art Design II Art II: 2D Design & Drawing Honors Art II: 3D Design & Sculpture Honors</p>	<p>Health Sciences Academy HSA-Principles of Health Science HSA-Medical Terminology HSA-Health Science Theory HSA-Health Science Theory and Clinical</p> <p>Languages Other Than English American Sign Language IV Dual Credit Chinese III Honors Chinese III IH French III Honors French III IH French V Honors German III Honors Spanish III Honors Spanish III IH</p> <p>Mathematics Algebra I Honors Algebra I IH Geometry Honors Geometry IH Algebra II Honors Algebra II IH Pre-Calculus Honors Pre-Calculus Dual Credit Pre-Calculus IH Statistics Dual Credit</p> <p>Music Education Band III Honors Band IV Honors Choir III Honors Choir IV Honors Orchestra III Honors Orchestra IV Honors Music Theory II Honors</p>	<p>Science Biology Honors Biology Dual Credit Biology IH Chemistry Honors Chemistry IH Physics Honors IB Physics SL Honors Scientific Res & Design</p> <p>Science, Tech, Engin, and Math Honors Scientific Res & Design</p> <p>Social Studies World Geography Honors World History Honors US History Dual Credit US Government Dual Credit Economics Dual Credit Sociology Honors</p> <p>Speech Debate III Honors Oral Interpretation III Honors Independent Study in Speech Honors Speech Dual Credit</p> <p>Theatre Education Theatre: Production III Honors Theatre: Production IV Honors IB Theatre Arts SL IB Theatre Arts HL</p> <p>Transportation, Distribution, and Logistics Paint and Refinishing Automotive Technology II: Automotive Service</p> <p>Industries Academy at the Collin College Technical Campus All identified Dual Credit Courses</p> <p>Other College Transition Dual Credit</p>
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COURSES INCLUDED IN THE RANKING GPA

English

English I or English I Honors (includes Humanities I) or English I IH (includes IH Humanities I)

English II or English II Honors or English II IH (includes IH Humanities II)

English III or English III Honors or English III DC or AP English III (includes American Studies) or IB English III

English IV or English IV Honors or English IV DC or AP English IV or IB English IV or Eng IV

Substitutions* *Two semesters of English 4 Substitution courses can apply only when courses are used as a substitution

and include: Literary Genres, Creative Writing, Research and Technical Writing, Oral Interpretation III, Debate III, Independent Study in Speech, Independent Study in Journalism, Advanced Journalism Newspaper III, Journalism Yearbook III. Counselor approval required.

Mathematics

Algebra I or Algebra I Honors or Algebra I IH

Geometry or Geometry Honors or Geometry IH

Math Models with Applications

Algebra II or Algebra II Honors or Algebra II IH

Advanced Quantitative Reasoning (AQR)

Pre-Calculus or Pre-Calculus Honors or Pre-Calculus DC or Pre-Calculus IH or IB Math Studies SL

AP Calculus AB or AP Calculus BC or IB Mathematics Analysis & Approaches SL or HL or IB

Mathematics Applications & Interpretation SL or HL

Statistics or Statistics DC

AP Statistics

AP Computer Science A or IB Computer Science HL

Digital Electronics

Accounting II Honors

Social Studies

World Geography or World Geography Honors or AP Human Geography (includes IH Humanities I)

World History or World History Honors or AP World History (includes Humanities II & IH Humanities II)

US History or US History DC or AP US History (includes American Studies) or IB History of the Americas US

Government or US Government Blended or US Government DC or AP Government & Politics Economics or

Economics Blended or Economics DC or AP Economics Micro or AP Economics Macro or IB Economics SL/

HL or Personal Financial Literacy and Economics (Not all NCAA institutions may consider grade points from this course)

Science

Biology or Biology Honors or Biology IH

Integrated Physics and Chemistry (IPC)

Chemistry or Chemistry Honors or Chemistry IH

Physics or Physics Honors or IB Physics SL

AP Biology + Advanced Bio Lab or IB Biology SL/HL or Biology DC

AP Chemistry + Advanced Chem Lab or IB Chemistry SL/HL

AP Physics C* or AP Physics 1/2** or IB Physics HL

AP Environmental Science or IB Environmental Systems SL

Environmental Systems

Earth and Space Science

Anatomy and Physiology

Engineering Science

Food Science

Forensic Science

Engineering Design/Prob Solving

*AP Physics C is a one-year course consisting of two separate semester courses (AP Physics C Mechanics and AP Physics C Electricity and Magnetism)

College, Career, and Military Readiness Preparation Timeline

Grades	Goals and Objectives
Grades 6 – 7	Begin to investigate college/career goals and objectives that align with personal interests. Consider careers that fit your personality and ability and the pathways to those careers.
Grade 8	Continue to investigate college, career, and military information in order to choose a CTE Program of Study and an endorsement that aligns with your chosen career pathway. Attend campus meetings regarding academic planning, high school graduation requirements and develop a high school four-year plan. Explore Plano ISD academy programs through informational meetings.
Grade 9	Review career goals, and possible industry based certifications within CTE Programs of Study, while continuing to research colleges and careers of interest. Revisit your academic four-year plan and ensure it still aligns with your future career interest. Be aware of the importance of your high school transcript, grades, and attendance. Attend meetings on your campus regarding post-secondary planning and college admission. Prepare for and take the PSAT™ 9 in October. Find free test review materials at https://www.khanacademy.org .
Grade 10	Review career goals, and your four-year plan. Look for possible industry based certifications within CTE Programs of Study that support your career interest and continue to research colleges and careers of interest. Attend meetings on your campus regarding post-secondary planning including college admission, scholarships, and financial aid availability. Explore options offered through the Plano ISD Industries Academy. Take the PSAT™ 10 in October. Find free test review materials at https://www.khanacademy.org
Grade 11	Review academic plans and narrow college and career choices. Attend College Nights in September, and take the PSAT/NMSQT® in October (National Merit Scholarship Qualifying Test). Participate in the SAT® School Day during the spring semester. Consider taking the ACT® test in the spring. Find free test review materials at https://www.khanacademy.org . For those interested in military service take the ASVAB test. Attend meetings on your campus regarding post-secondary planning including college admissions requirements, scholarships, and financial aid availability. Make a list of 5-8 colleges/post-secondary programs that are a great match and fit for your goals, interests, and academic standing.
Grade 12	Finalize post-secondary plans. Apply to 3-5 colleges or post-secondary programs. If applying to Texas schools, create an ApplyTX account. Attend College Nights in September. Take the SAT® and/or ACT® in early fall if needed. Attend financial aid sessions and apply for FAFSA or TASFA in October. For those interested in military service take the ASVAB test. Be mindful of deadlines for college admission, housing and university scholarship applications. Submit scholarship applications throughout the school year. Complete the senior survey in the spring declaring where you are going after high school graduation.

SchoolLinks: For the 2023-2024 school year, PISD offers SchoolLinks, a web-based tool, which provides students and parents with up to date information on college and career opportunities. All students receive an access code and complete assigned tasks in each grade 6 – 12. SchoolLinks provides extensive college and career search tools and assessments, a resume builder, and goal setting tools. Through their SchoolLinks account, students may request letters of recommendation, manage college applications, access scholarship information, and complete tasks that will enhance the college, career, and military preparation experience.

Other websites:

www.collegeforalltexans.com

www.fafsa.ed.gov

www.act.org

www.ncaa.org

www.collegeboard.org

<https://www.todaysmilitary.com/how-to-join/asvab-test>

High School Program

Acceleration/Credit by Exam

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.

Students earning course credit through Credit by Exam (CBE) will be scheduled into the next course in the sequence the following year. Because students cannot be scheduled into a course for which they have already earned credit, a schedule change “back” to the course for which the student earned credit via CBE is not permitted. Students who encounter academic struggles in the next course in the sequence should meet with their teachers for additional support.

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

Advanced Placement Program®

The Advanced Placement (AP) Program of the College Board® enables students to complete college-level courses at each of the Senior High Schools. Appropriate grade level AP courses are offered at 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 and/or placement to students with qualifying AP® test scores. Students interested in taking these courses are required to meet with their school counselor to review course options and discuss how these courses may impact college degree plans. Before students may withdraw from an honors or other advanced level course, they need 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 requesting a course withdrawal from any advanced course 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 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) or Summer School courses. Grade points are awarded for Summer School. Grade points will not be awarded for Correspondence Courses. Students taking correspondence courses and/or summer school will take the STAAR EOC assessments required for graduation. Please see page 7 for a listing of these assessments.

Course Averaging

According to district policy, EI (LOCAL);

Semester credit for full year courses: 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: 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 Credit Courses

Plano ISD has a dual credit agreement with Collin College which allows students to earn both high school and college credit for courses identified in the agreement. Students must meet Texas Success Initiative (TSI) criteria to be eligible to enroll in dual credit classes. A list of dual credit courses is on page 22. There may be Collin College tuition and textbook fees associated with each class. Students interested in taking these courses are required to meet with their school counselor to review course options and discuss the impact these courses may have on their college degree plans.

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

Beginning with the graduating class of 2025, a student may earn a maximum of five (5) credits through online courses approved by the District. No limit shall be imposed on the number of online courses a student may be enrolled in at the same time. Information about eSchool online courses can be found in this course catalog and/or accessed on the website at <https://www.pisd.edu/eschool>. Currently enrolled Plano ISD students must follow the approval process for these courses through their school counselor. With the exception of Health, 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 Courses

A differentiated honors curriculum includes a wider range and greater depth of subject matter than that of an on-level 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

Some locally developed courses are approved by the Board of Trustees and may be designated for credit or for no credit. No credit courses do not count toward state graduation requirements and cannot be used to fulfill the minimum number of credits on any graduation plan. No credit courses are not included in the calculation of the Cumulative Grade Point Average (GPA). Review Policy EIC(Local) for a list of classes not included in the Cumulative GPA.

Promotion Policy

Promotion guidelines for students are as follows:

Ninth Grade	Tenth Grade	11th Grade
A student must have acquired six credits.	A student must have acquired 13 credits including the following: <ul style="list-style-type: none">• English I and English II• Algebra I and Geometry• Biology• World Geography or World History	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 prerequisite is a course that must be taken prior to the course under consideration.

Textbooks and Chromebooks

Each student is responsible for his/her textbooks and/or Chromebook issued by their school. If textbooks and/or Chromebooks are lost or damaged during the school year, the student is responsible for those fees. No textbooks or Chromebooks 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 *
Wrestling

* 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 <https://web3.ncaa.org/ecwr3/> 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 campus cheerleading 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/Page/6468>

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 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/Page/6468>

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 emergent bilingual students. Placement into ESL classes will be commensurate to the student's English Language proficiency level. The ESL program shall be an integral part of the regular educational program and students who participate in this program are also eligible to participate in all other courses upon meeting each course requirement. 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 PACE Humanities I and II, honors, International Honors (IH), American Studies, Advanced Placement (AP) and International Baccalaureate (IB) 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. More information can be found at <https://www.pisd.edu/giftededucation>.

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, unarmed 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. Students interested in military service may take the ASVAB test. The ASVAB (Armed Services Vocational Aptitude Battery) is an aptitude test developed by the Department of Defense and serves two purposes: measurement of a young adult's strengths and potential for success in military training. In addition, it provides an interest assessment and planning tools to help young adults explore career field entry requirements and various career paths, both military and civilian. Students may take the ASVAB at no cost and no commitment to military service. Participants receive three composite scores in verbal, math and science/technical skills used for career exploration. Participants also receive an Armed Forces Qualification Test (AFQT) score. These scores are used to determine enlistment eligibility for students who want to enlist in the military.

Section 504

Section 504 refers to Section 504 of the Rehabilitation Act of 1973. This federal law prohibits discrimination against disabled persons who may participate in, or receive benefits from, programs receiving federal financial assistance. Section 504 ensures that eligible students with a disability receive equal access to services that are provided to students without a disability, and it provides protection from discrimination due to the disability. Each Plano ISD campus has a 504 coordinator, designated by the principal, as facilitator for that campus.

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 a parent/guardian, school personnel or outside agencies. Parent/guardian 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 individualized 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 student needs. Services 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 the services and supports that allow the student to meet state and district credit requirements 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. Per policy EIF (Regulation), Plano ISD will not offer OCPE credit for sports/activities that are offered within Plano ISD UIL competitive athletic programs in grades 9-12.

Approved sports/activities for students in grades 6-8: Academy Soccer, Archery, Badminton, Dance, Equestrian, Fencing, Golf, Gymnastics, Ice Hockey, Ice Skating, Lacrosse, Mixed Martial Arts, Rock Climbing, Rowing, Swimming, Tennis, Track Cycling, and Table Tennis.

Approved sports/activities for students in grades 9-12: Archery, Badminton, Dance, Equestrian, Fencing, Gymnastics, Ice Hockey, Ice Skating, Lacrosse, Mixed Martial Arts, Rock Climbing, Rowing, 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 arrive to campus one class period late or 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 the OCPE program coordinator for information or visit our website <https://www.pisd.edu/Page/3742> for additional 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 or nine week 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

English Language Arts English Language Arts 6 Honors English Language Arts 7 Honors English Language Arts 8 Honors	Science Science 7 Honors Science 8 Honors
Mathematics Math Grade 6 Honors Math Grade 7 Honors Algebra I Honors	Languages Other than English Spanish III Honors AP Spanish IV
Social Studies PACE Social Studies Grades 6, 7, 8 US History 8 Honors Social Studies 8 Honors	

High School/Senior High School Waivable Courses

Advanced Placement Courses All	International Baccalaureate Courses Includes all IB courses. Also includes IH courses in English, mathematics, science, social studies, economics, or a language other than English.
English Language Arts English I Honors English II Honors English III Honors English IV Honors	Science Biology Honors Chemistry Honors Physics Honors Scientific Research and Design Honors
Mathematics Algebra I Honors Algebra II Honors Geometry Honors Pre-Calculus Pre-Calculus Honors	Social Studies Sociology Honors World Geography Honors World History Honors
Languages Other Than English Chinese ▪ Chinese III Honors French ▪ French III Honors ▪ French V Honors German ▪ German III Honors Spanish ▪ Spanish III Honors	Gifted and Talented Humanities I English I GT Humanities II AP World History GT American Studies American Principles The Human Experience
	Dual Credit Any dual credit course in English, mathematics, science, social studies, economics, or a language other than English.

Advanced Placement Program®

What is AP®?

The Advanced Placement 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 Advanced Placement 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 Advanced Placement 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 class period, the exceptions being AP Studio Art, AP Biology and AP Chemistry which require two class blocks of time. All AP® courses earn advanced placement grade points.

Students pay an AP® examination fee per test; however, Plano ISD will take steps to ensure that costs will not prevent access to programs. Please note: students taking an AP® course are encouraged but not required to take the exam.

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

Plano ISD offers the following AP® courses:

2D Art and Design	English Literature and Composition
3D Art and Design	Music Theory
Art History	Macroeconomics
Art Drawing	Microeconomics
Biology	European History
Chemistry	Government – Comparative
Physics 1	Government and Politics – U.S.
Physics 2	United States History
Physics C Mechanics	World History
Physics C Electricity & Magnetism	Human Geography
Environmental Science	Psychology
Computer Science Principles	Spanish Language
Computer Science A	French Language
Calculus AB	German Language
Calculus BC	Spanish Literature
Statistics	Chinese Language and Culture
English Language and Composition	Capstone: Seminar

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 is 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 professional 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 reviewed and documented.
 - B. Conference(s) with student, parent(s) and professional staff are held.
 - C. The PACE Exit Form is completed and signed.
 - D. The campus placement committee meets.

Dual Credit Program

What is Dual Credit?

Dual Credit allows eligible high school students to enroll in college course(s) and receive credit from both the college and high school. Plano ISD has a dual credit agreement with Collin College, so students taking dual credit courses will receive transcripts from both Plano ISD and Collin College. To be eligible for the dual credit program, students must meet the Texas Success Initiative (TSI) by demonstrating college readiness in math and reading/writing. Students who are most successful in dual credit courses are those that know how to prioritize assignments and self-advocate. For more information on the Dual Credit Program at Collin College, please visit with your high school counselor, and visit the Collin College website: <http://www.collin.edu/express/dualcredit/>

Benefits of Dual Credit

Students who take dual credit courses are able to progress towards their college goals without having to wait until high school graduation. This provides a cost savings to families, since students are able to complete many “required” college courses while still in high school. Students also experience the rigor of taking a college course while developing the skills needed to be successful in college. Academic dual credit can be applied toward the core curriculum or to other specific degree program requirements of an academic associate degree or baccalaureate degree.

Enrolling in Dual Credit Classes

Students interested in taking these courses are required to meet with their school counselor to review course options. All dual credit courses are Honors Level Courses and earn 4.5 grade points, with the exception of Multivariable Calculus which is a Distinguished Level Course and earns 5.0 grade points.

Students will need to apply for admission to Collin College online (<https://apply.collin.edu>). Students must also complete the state mandated Texas Success Initiative Assessment (TSI-A) or prove an exemption in the areas of reading, writing, and/or math. Exemptions are based on ACT® or SAT® scores and some EOC scores. Ask your counselor about the dual credit timeline to ensure you meet each deadline.

Dual credit courses are taught by Collin College instructors. Enrolled students must follow the Collin College student complaints process when they have any concerns about their instructor or course (see process at <https://www.collin.edu/hr/studentcomplaints/index.html>).

Plano ISD offers the following Dual Credit courses*:

Plano ISD Course Name	Collin College Course Name	Grade Offered
English Language Dual Credit**	ENGL 1301/ENGL 1302	11 - 12
English Literature Dual Credit***	ENGL 2332/ENGL 2333	12
Pre-Calculus Dual Credit	MATH 1314/MATH 2412	10 - 12
Statistics Dual Credit	MATH 1314/MATH 1342	11 - 12
Multivariable Calculus	MATH 2320/MATH 2415	11 - 12
Biology Dual Credit	BIOL 1406/BIOL 1407	11 - 12
US History Dual Credit	HIST 1301/HIST 1302	11 - 12
Government Dual Credit	GOVT 2305	12
Economics Dual Credit	ECON 2301	12
Speech	SPCH 1311	9-12
College Transition Dual Credit	EDUC 1300	9-12

* Courses may not be offered at every campus

** Meets the credit requirement for English III or English IV

*** Meets the credit requirement for English IV

Dual Credit Fees

Students are responsible for paying tuition, fees and textbook costs for each dual credit course. Students eligible for the free or reduced lunch program may be provided financial assistance when purchasing textbooks and have their tuition waived by Collin College. Financial assistance may also be available for taking the Texas Success Initiative exam. Please see your school counselor for more information.

Aiding Students Who Have Learning Difficulties or Who Need Special Education or Section 504 Services

- I. Aiding Students Who Have Learning Difficulties or Who Need Special Education or Section 504 Services
 - A. For those students who are having difficulty in the regular classroom, all school districts must consider tutorial, compensatory, and other academic or behavior support services that are available to all students, including a process based on Response to Intervention (RtI). The implementation of RtI has the potential to have a positive impact on the ability of districts to meet the needs of all struggling students.
 - B. If a student is experiencing learning difficulties, his or her parent/guardian may contact the individual(s) listed below to learn about the school's overall general education referral or screening system for support services. This system links students to a variety of support options, including making a referral for a Special Education evaluation or for a Section 504 evaluation to determine if the student needs specific aids, accommodations, or services. A parent/guardian may request an evaluation for Special Education or Section 504 services at any time.
- II. Special Education Referrals:
 - A. If a parent/guardian makes a written request for an initial evaluation for Special Education services to the Director of Special Education services or an administrative employee of the school district, the district must respond no later than 15 school days after receiving the request. At that time, the district must give the parent/guardian a prior written notice of whether it agrees to or refuses to evaluate the student, along with a copy of the Notice of Procedural Safeguards. If the school district agrees to evaluate the student, it must also give the parent/guardian the opportunity to give written consent for the evaluation.
 - B. A request for a Special Education evaluation may be made verbally and does not need to be in writing. Districts must still comply with all federal prior written notice and procedural safeguard requirements and the requirements for identifying, locating, and evaluating children who are suspected of being a child with a disability and in need of Special Education. However, a verbal request does not require the district to respond within the 15-school-day timeline.
 - C. If the district decides to evaluate the student, it must complete the student's initial evaluation and evaluation report no later than 45 school days from the day it receives a parent/guardian's written consent to evaluate the student. However, if the student is absent from school during the evaluation period for three or more school days, the evaluation period will be extended by the number of school days equal to the number of school days that the student is absent.
 - D. If a parent/guardian provides the district with written consent for evaluation less than 45 school days, but at least 35 school days before the last instructional day of the school year, the evaluations must be completed and the report provided to the parent/guardian by June 30th of that school year. Then, no later than the 15th school day of the following school year, the ARD meeting to review the results of the evaluation and determine eligibility must be conducted. Any student absences past three days extends the due date of June 30th.
 - E. Upon completing the evaluation, the district must give the parent a copy of the evaluation report at no cost.
 - F. Additional information, regarding Special Education services and supports, is available from the district in a companion document titled Parent's Guide to the Admission, Review, and Dismissal Process.
 - G. Contact person for Special Education Referrals:
 1. The designated person to contact regarding options for a student experiencing learning difficulties or regarding a referral for evaluation for Special Education services is:
Contact Person: Campus Principal or Child Find Help Line
Phone Number: 469-752-4299
Website: https://www.pisd.edu/Directory_of_Schools

III. Section 504 Referrals:

A. Each school district must have standards and procedures in place for the evaluation and placement of students in the district's Section 504 program. Districts must also implement a system of procedural safeguards that includes notice, an opportunity for a parent or guardian to provide relevant records, an impartial evaluation, which includes a gathering of relevant data, and a review/re-evaluation procedure.

B. Contact Person for Section 504 Referrals:

1. The designated person to contact regarding options for a student experiencing learning difficulties or regarding a referral for evaluation for Section 504 services is:

Contact Person: Campus Principal

Phone Number: https://www.pisd.edu/Directory_of_Schools

IV. Additional Information:

1. The following websites provide information and resources for students with disabilities and their families.

- a. [Legal Framework for the Child-Centered Special Education Process](#)
- b. [Partners Resource Network](#)
- c. [Special Education Information Center](#)
- d. [Texas Project First](#)

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 50,000 students with a completion rate of 89% 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 necessary 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.

Algebra I; Semester 1/2*	Personal Financial Literacy
Algebra II; Semester 1/2	Personal Financial Literacy and Economics
Chemistry; Semester 1/2	Physics; Semester 1/2
Economics	Pre-Calculus; Semester 1/2
English I; Semester 1/2*	Professional Communications
English II; Semester 1/2*	Spanish I; Semester 1/2*
English III; Semester 1/2	Spanish II; Semester 1/2*
English IV; Semester 1/2	US Government
Geometry; Semester 1/2	US History; Semester 1/2*
Health	World Geography; Semester 1/2
Lifetime Fitness and Wellness Pursuits	World History; Semester 1/2
	World History; Semester 1/2

**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 <https://www.pisd.edu/eschool>.
- Students need to check with their school counselor to ensure appropriate course selection.
- With the exception of eSchool Health, eSchool courses are only available to students who have completed their 8th grade year.
- 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, novel, 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.

ONE-OF-A-KIND EDUCATIONAL ENVIRONMENT



AHS is an innovative, project based learning (PBL) community for 9th-12th grade students. Learners at Academy High School work in teams and solve challenges based on **STEAM - Science, Technology, Engineering, Arts, & Mathematics**. Learners will graduate with STEM and Multidisciplinary endorsements as well as completing two programs of study in Engineering and Web Development. Incoming learners are given a strong academic foundation for success through a campus-wide AVID program.



TEAMS OF LEARNERS GENERATE SOLUTIONS through intentional connections of content learning, research, and project deliverables. Learners are assessed through the evidences they generate to meet course objectives and project expectations. As a collaborative member of a project team, learners develop creative solutions through an iterative design process and present their learning to external professional audiences who provide feedback.

ACADEMICALLY CHALLENGING COURSES

are rooted in rigorous standards-based content while having a multidisciplinary focus on critical thinking, communication skills and research skills; all through a site-based curriculum unique to the campus and its mission. These demanding PBL experiences are anchored in real-world issues that connect learners to professionals in our community and beyond. Learners have the opportunity to earn 15 college credit hours.

AHS STRIVES TO INSPIRE CREATIVITY

and empower students to thrive and compete in a rapidly changing world. Additionally, 11th and 12th grade learners have the opportunity to earn college credit, complete an internship, and a senior capstone project.

PLANO ISD
ACADEMY HIGH SCHOOL



www.pisd.edu/academy
1701 Alma Dr. Plano, TX 75075



For more information, visit www.pisd.edu/hsa



The Plano ISD Health Sciences Academy

includes a unique partnership with Collin College and is housed at Williams High School for 9th and 10th grade and Plano East Senior High School for 11th and 12th grade.

Within the Health Sciences Academy there are two options available to students. In partnership with Collin College, students have the opportunity to earn **college credits** as well as pursue **workforce certifications** that may include:

- Central Sterile Processing
- Certified Nurses Aide
- EKG Technician
- Emergency Medical Technician
- Medical Assistant
- Medical Scribe
- Patient Care Technician
- Rehabilitation Aide

The **Biomedical Science** program provides students the opportunity to study the science behind the medical industry while earning Distinguished Level credit.

Students in this program work with state-of-the-art equipment and are connected to our local medical community through guest speakers, field trips, and clinical placements in skill-based classes.

Health Sciences Academy students are prepared to enter the health care field upon graduation and may also have college credit hours to enable them to advance in a college or university.



THE IB WORLD SCHOOL AT PLANO EAST SENIOR HIGH



LOCATED IN PLANO, TEXAS, AT PLANO EAST SENIOR HIGH SCHOOL

The IB World School at Plano East is a challenging pre-university course of study that encourages students to be knowledgeable and inquiring - but also caring and compassionate. Through the International Baccalaureate program, students are encouraged to develop intercultural understanding, open-mindedness, and attitudes necessary to enable students to respect and evaluate multiple points of view. The locally established International Honors (IH) program prepares 9th and 10th grade students for the expectations of the 11th and 12th grade IB Diploma Program. This demanding program requires concurrent study of a comprehensive range of academic areas which effectively prepares students for university entrance in the United States or abroad.



IB DIPLOMA PROGRAMME

- A variety of advanced courses in six academic areas
- Successful completion of 3 High Level (HL) and 3 Standard Level (SL) IB courses and exams
- Weekly participation in creative, active, or service (CAS) experiences
- Extended Essay - 4,000 word essay in which students explore and analyze an area of interest
- Theory of Knowledge (TOK) - required course in which students examine the "ways of knowing"

IB LEARNER PROFILE

IB Learners Strive to be:

- Inquirers
- Principled
- Risk-takers
- Knowledgeable
- Open-minded
- Balanced
- Thinkers
- Caring
- Reflective
- Communicators

The IB Diploma Program aspires to develop students who have the ability to navigate, engage, and meaningfully contribute to local, national, and international communities while also providing students the opportunity to earn college credit for their studies.

Students who wish to attend the IB World School must complete an application. Admission is then based on a lottery.

For more information, visit
www.pisd.edu/ib

PISD Industries Academy at the Collin College Technical Campus



For more information, visit www.pisd.edu/industriesacademy

Located in Allen, the Collin College Technical Campus,

where students enrolled in the Plano ISD Industries Academy attend classes, is a comprehensive campus offering **incoming juniors** and **continuing seniors** multiple paths to success in high-demand, high-wage career fields. Students will receive career-specific training and industry certifications while still in high school.

Programs Offered

Architecture and Construction

- Computer-Aided Drafting and Design
- Construction Management
- Heating, Ventilation and Air Conditioning
- Welding Technology

Engineering Technology

- Biomedical Equipment Technology
- Electronic Engineering Technology
- Robotics and Automation Technology

Science, Technology, Engineering and Math

- Computer Networking



Industries Academy Details

- Selected students attend both their Plano ISD senior high school campus and the Collin College Technical Campus while participating in this two-year program.
- Cost associated is currently \$62 per credit hour. Free tuition is available based on household income.
- Plano ISD will provide transportation from the student's senior high school campus.

**DESCRIPTIONS OF
HIGH SCHOOL / SENIOR
HIGH SCHOOL
COURSES OFFERED TO
PLANO ISD STUDENTS**

TENTATIVE FOUR-YEAR PLAN FOR STUDENTS ENTERING 9TH GRADE IN 2023 - 2024

Name

ID NO.

Grade

Date

9th	Credits	10th	Credits	11th	Credits	12th	Credits
1.	1.0	1.	1.0	1.	1.0	1.	1.0
2.	1.0	2.	1.0	2.	1.0	2.	1.0
3.	1.0	3.	1.0	3.	1.0	3.	1.0
4.	1.0	4.	1.0	4.	1.0	4.	1.0
5.	1.0	5.	1.0	5.	1.0	5.	1.0
6..	1.0	6.	1.0	6.	1.0	6.	1.0
7.	1.0	7.	1.0	7.	1.0	7.	1.0
Summer School		Summer School		Summer School		Summer School	
Credits	7.0	Credits	7.0	Credits	7.0	Credits	7.0

Required Subject Areas	Foundation/Endorsement Plan Students are eligible to apply for general admission to state colleges and universities	English Language Arts 4 th year English:	Math 3 rd and 4 th year Math:	Science 2 nd year Science:	Science 3 rd and 4 th year Science:
English	4 credits English 1, 2, 3, 4 th year choice (EOCs: English 1 and English 2)	<ul style="list-style-type: none"> English 4 AP English 4 Literature and Composition English Language Dual Credit or English Literature Dual Credit IB English 4 HL College Preparatory English A fourth credit may be earned from one full credit or a combination of two half credits from two different courses to satisfy the 4th year English credit. Please see your counselor for a list of specific courses that will satisfy this credit option. 	<ul style="list-style-type: none"> Math Models Statistics Algebra 2 Accounting II Digital Electronics College Preparatory Math <p>Algebra 2 is a prerequisite for the following courses:</p> <ul style="list-style-type: none"> Precalculus Precalculus Dual Credit Advanced Quantitative Reasoning AP Statistics Statistics Dual Credit AP Calculus AB AP Calculus BC AP Computer Science A Multivariable Calculus IB Mathematics Analysis & Approaches SL/HL IB Mathematics Applications & Interpretation SL/HL IB Computer Science HL AP Computer Science A 	<ul style="list-style-type: none"> IPC (Integrated Physics and Chemistry) Chemistry 	<ul style="list-style-type: none"> Chemistry Physics Earth and Space Science Environmental Systems AP or IB Biology SL/HL Biology Dual Credit 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
Math	4 credits Algebra 1, Geometry, 3 rd year choice, 4 th year choice (EOC: Algebra 1)				
Science	4 credits: Biology, 2 nd year choice, 3 rd year choice, 4 th year choice (EOC Biology)				
Social Studies	4 credits World Geography, World History, US History, US Government/Economics or Personal Financial Literacy and Economics (EOC: US History)				
Fine Arts	1.0 credit Art, Music, Theater, Dance, Floral Design				
Foreign Language	2 credits				
Health	.5 or 1.0 credit of Health Science Theory				
Physical Education	1.0 credit				
Communication	.5 credit – Professional Communications				
Electives/Endorsement Choices	5 credits				
Total	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.	<ul style="list-style-type: none"> All prerequisites must be met before taking a course. 	<ul style="list-style-type: none"> All prerequisites must be met before taking a course. 	<ul style="list-style-type: none"> All prerequisites must be met before taking a course. 	<ul style="list-style-type: none"> All prerequisites must be met before taking a course.

Signatures: Student

Parent

Counselor
Endorsement

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
Computer
Mat
Science
Combinatio

Business & Industry



English
Technology
Career and Technical Education
Combinatio

Multidisciplinary



Foundation
Advanced Placement or International

Arts & Humanities



Social Studies
Language Other Than English
Fine Arts
English

Public



Career and Technical Education
Junior Reserve Officer Training Corps

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.

Plano ISD Course No.	Subject	
304101, 304102	Baseball (Boys)	Course/practice held on senior high campuses only
304201, 304202	Basketball (Boys)	Course/practice held on senior high campuses for JV2, JV, and Varsity teams
303001, 303002	Basketball (Girls)	Course/practice held on senior high campuses for JV2, JV, and Varsity teams
304301, 304302	Cross Country (Boys)	Course/practice held on senior high campuses only
303101, 303102	Cross Country (Girls)	Course/practice held on senior high campuses only
305101, 305102	Diving (Co Ed)*	Course/practice held on senior high campuses only
304401, 304402	Football (Boys)	Course/practice held on senior high campuses for JV2, JV, and Varsity teams
305201, 305202	Golf (Co Ed)*	Practice held at local designated golf courses
304501, 304502	Soccer (Boys)	Course/practice held on senior high campuses only
303201, 303202	Soccer (Girls)	Course/practice held on senior high campuses only
303401, 303402	Softball (Girls)	Course/practice held on senior high campuses only
305301, 305302	Swimming (Co Ed)*	Course/practice held on senior high campuses only
305401, 305402	Tennis (Co Ed)	Course/practice held on senior high campuses only
304601, 304602	Track (Boys)	Course/practice held on senior high campuses only
303501, 303502	Track (Girls)	Course/practice held on senior high campuses only
303601, 303602	Volleyball (Girls)	Course/practice held on senior high campuses for JV2, JV, and Varsity teams
304701, 304702	Wrestling (Boys)	
304701, 304702	Wrestling (Girls)	

* 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 website:

<https://www.pisd.edu/Page/6468>

SEE YOUR SCHOOL COUNSELOR FOR CLARIFICATION REGARDING CREDITS.

Plano ISD Course No.	Subject	Grade	Credits
306101	Cheerleading	9 – 12	1
307151	Drill Team Prep	9 – 10	1
307101	Drill Team	9 – 12	1
306101	Cheerleading	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.	
Grade Placement: 9 – 12			
Prerequisite: Try-out procedure			
Credit: 1			
307151	Drill Team Prep	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.	
Grade Placement: 9 – 10			
Prerequisite: None			
Credit: 1			
<i>What's next?</i> Drill Team			
307101 307102 307103 307104	Drill Team	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.	
Grade Placement: 9 – 12			
Prerequisite: Try-out procedure			
Credit: 1			
<i>What's next?</i> Drill Team			

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](#).

Plano ISD Course No.	Subject	Grade	Credits
101001	English I	9	1
101171	English I (eSchool)	9	1
101031	English I Honors	9	1
101041	Humanities I English I GT (English I Honors)	9	1
252041	Humanities II AP World History GT (AP World History)	10	1
051001	English I SOL (Speakers of Other Languages)	9 – 10	1
052001	English II SOL (Speakers of Other Languages)	10	1
10127B	Research and Technical Writing	9 – 10	.5
102001	English II	10	1
102171	English II (eSchool)	10	1
102031	English II Honors	10	1
103001	English III	11	1
103171	English III (eSchool)	11	1
103031	English III Honors	11	1
103051	AP English III Language and Composition	11	1
S14251	American Studies (AP English III Language and Composition and AP U.S. History)	11	2
103231	English Language Dual Credit	11 – 12	1
104001	English IV	12	1
104171	English IV (eSchool)	12	1
107051	College Preparatory English	12	1
104031	English IV Honors	12	1
104051	AP English IV Literature and Composition	12	1
104331	English Literature Dual Credit	12	1

Plano ISD Course No.	Subject	Grade	Credits
10310B	Creative Writing	9 – 12	.5
10350B	Literary Genres	9 – 12	.5
10330B	World of Ideas	11 – 12	.5
10370B	Bible Literacy	11 – 12	.5

101001 English I

Grade Placement: 9

Prerequisite: English Language Arts 8 or English Language Arts 8 Honors

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, informational text, and connections 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: English Language Arts 8 or English Language Arts 8 Honors

Credit: 1

What's next? English II or English II Honors

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 AP World History 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 AP World History 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.**

<p>051001 English I for Speakers of Other Languages</p> <p>Grade Placement: 9 - 10</p> <p>Prerequisite: Placement in ESL program with beginning or intermediate English proficiency</p> <p>Credit: 1</p> <p><i>What's next?</i> English II, English II for Speakers of Other Languages, or English II Honors</p>	<p>English I SOL is a course designed to provide instruction in the English I TEKS for beginner and intermediate level emergent bilingual students enrolled in ESL. It also works to build English language proficiency. This course does meet the graduation requirement for English I. 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.</p>
<p>052001 English II for Speakers of Other Languages</p> <p>Grade Placement: 10</p> <p>Prerequisite: Credit for English I or English I SOL and placement in ESL program with beginning or intermediate English proficiency</p> <p>Credit: 1</p> <p><i>What's next?</i> English III or English III Honors</p>	<p>English II SOL is a course designed to provide instruction in the English II TEKS for beginner and intermediate level emergent bilingual students enrolled in ESL. It also works to build English language proficiency. This course does meet the graduation requirement for English II. 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.</p>
<p>10127B Research and Technical Writing</p> <p>Grade Placement: 9 - 10</p> <p>Prerequisite: None</p> <p>Credit: .5</p>	<p>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.</p>
<p>102001 English II</p> <p>Grade Placement: 10</p> <p>Prerequisite: English (1 credit)</p> <p>Credit: 1</p> <p><i>What's next?</i> English III, English III Honors, AP English III, or English Language Dual Credit</p>	<p>In this course, students learn to apply their understandings of reading and writing processes to a variety of genres including literary (poetry, drama, fictional stories) and informational (including argumentative). Students will study both classic and contemporary texts with an emphasis on comprehension, language skills, reader response, and author's purpose and craft. 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.</p>
<p>102031 English II Honors</p> <p>Grade Placement: 10</p> <p>Prerequisite: English (1 credit)</p> <p>Credit: 1</p> <p><i>What's next?</i> English III, English III Honors, AP English III, or English Language Dual Credit</p>	<p>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.</p>
<p>103001 English III</p> <p>Grade Placement: 11</p> <p>Prerequisite: English (2 credits)</p> <p>Credit: 1</p> <p><i>What's next?</i> English IV, English IV Honors, or AP English IV</p>	<p>In this course, students engage in a variety of reading and writing experiences that consider how traditional and contemporary texts from 20th and 21st century America represent a view of the human condition and spirit. Reading selections from various genres (including plays, novels, poems, and speeches) provide an emphasis on comprehension, language skills, reader response, and author's purpose and craft. Students will write multi-page essays (expository and argumentative) in a writing workshop environment. Research study includes instruction in creating a research plan, synthesizing information, and organizing ideas.</p>
<p>103031 English III Honors</p>	

Grade Placement: 11

Prerequisite: English (2 credits)

Credit: 1

What's next? English IV, English IV Honors, or AP English IV

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 AP English III
Language and
Composition**

Grade Placement: 11

Prerequisite: English (2 credits)

Credit: 1

What's next? English IV, English IV Honors, or AP English IV

This course is designed for students who seek a more challenging and rigorous English III experience. This course will provide instruction in the reading and writing of rich and complex text. Students will engage in the writing process, producing essays through several stages or drafts. Students will read a wide variety of prose styles from many disciplines and historical periods and will gain understanding of the connections between interpretive skill in reading and their own writing. 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.

**S14251 American Studies (AP
English III 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, AP English IV Literature and Composition

Designed for the gifted and/or accelerated learner, American Studies integrates the Humanities into a combined AP US History and AP English III 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 possibly earn college credit.

**103231 English Language Dual
Credit**

Grade Placement: 11-12

Prerequisite: English II (and student must be
TSI-met)

Credit: 1

What's next? English Literature Dual Credit,
English IV,
AP English IV

Students will enroll in ENGL 1301 during the fall semester of this course and will enroll in ENGL 1302 during the spring semester of this course. See Collin College catalog for specifics about these two courses at

https://www.collin.edu/academics/programs/CoursDes_ENGL.html.

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 nonfiction, expository, and argumentative texts. The course emphasizes self-selected texts and collaborative discussions focused on student-directed comprehension, interpretation, and analysis work. Students will write multi-page essays (expository and argumentative) in a writing workshop environment. Research study includes instruction in creating a research plan, synthesizing information, and organizing ideas.

107051 College Preparatory English Grade Placement: 12 Prerequisite: Intent to enroll in community college Credit: .5 - 1	This course is designed for students who want to attend college and still need to demonstrate college readiness in math and/or reading and writing in order to be eligible to enroll in college level courses. Students will gain and demonstrate the necessary college readiness skills in English to be successful in college level, credit-bearing courses. This course fulfills the Texas Success Initiative (TSI) requirements for reading and writing with a partnering institute of higher education.
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 AP English IV 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 the use of figurative language, imagery, symbolism, and tone. The course will include intensive study of representative works from various genres and periods. 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 English Literature and Composition exam to possibly earn college credit.
103231 English Literature Dual Credit Grade Placement: 12 Prerequisite: ENGL 1301 and ENGL 1302 (and student must be TSI-met) Credit: 1	Students will enroll in ENGL 2332 during the fall semester of this course and will enroll in ENGL 2333 during the spring semester of this course. See Collin College catalog for specifics about these two courses at https://www.collin.edu/academics/programs/CoursDes_ENGL.html .
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.

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

Plano ISD Course No.	SUBJECT	Grade	Credits
451001	Art I: 2D Design & Drawing	9 – 12	1
451031	Art I: 2D Design & Drawing Honors	9 – 12	1
452081	Art I: 3D Design & Sculpture	9 – 12	1
456131	Art I: 3D Design & Sculpture Honors	9 – 12	1
451501	Art and Media Communications I	9 – 12	1
452501	Art and Media Communications II	10 – 12	1
452001	Art II: 2D Design & Drawing	10 – 12	1
452031	Art II: 2D Design & Drawing Honors	10 – 12	1
456201	Art II: 3D Design & Sculpture	10 – 12	1
452061	Art II: 3D Design & Sculpture Honors	10 – 12	1
453001	Art III	11 – 12	1
455001	Unified: Visual Arts	9 – 12	1
456351	AP 2D Art and Design (2 hour block)	11 – 12	2
456371	AP 3D Art and Design (2 hour block)	11 – 12	2
454051	AP Drawing (2 hour block)	11 – 12	2
454071	AP Art History	11 – 12	1
451001	Art I: 2D Design & Drawing	Art I: 2D Design & Drawing introduces students to the elements and principals of art through a two-dimensional lens while learning a variety of 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. Students	
Grade Placement: 9 – 12			
Prerequisite: None			
Credit: 1			

<p><i>What's next?</i> Art II: 2D, Art II: 2D Honors, or Art II: 3D Honors</p>	<p>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.) This is a two-semester course in which students must take both semesters, in sequence, to meet the one year fine arts requirement.</p>
<p>451031 Art I: 2D Design & Drawing Honors</p> <p>Grade Placement: 9 – 12</p> <p>Prerequisite: None</p> <p>Credit: 1</p> <p><i>What's next?</i> Art II: 2D, Art II: 2D Honors, or Art II: 3D Honors</p>	<p>Art I: 2D Honors allows the student the opportunity to learn how to work with a large variety of materials. Honors 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 aligns with guidelines from the College Board and students learn what will be expected of them if they choose to participate in 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.) This is a two-semester course in which students must take both semesters, in sequence, to meet the one year fine arts requirement.</p>
<p>452081 Art I: 3D Design & Sculpture</p> <p>Grade Placement: 9 – 12</p> <p>Prerequisite: None</p> <p>Credit: 1</p> <p><i>What's next?</i> Art II: 2D, Art II: 2D Honors, or Art II: 3D Honors</p>	<p>Art I: 3D Design & Sculpture introduces students to the elements and principals of art through 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.) This is a two-semester course in which students must take both semesters, in sequence, to meet the one year fine arts requirement.</p>
<p>456131 Art I: 3D Design & Sculpture Honors</p> <p>Grade Placement: 9 – 12</p> <p>Prerequisite: None</p> <p>Credit: 1</p> <p><i>What's next?</i> Art II: 2D, Art II: 2D Honors, or Art II: 3D Honors</p>	<p>Art I: 3D Design & Sculpture Honors allows students the opportunity to learn how to work with a large variety of materials. This course provides learning opportunities for students beyond those available in the on-level Art I class by extending the state essential knowledge and skills through a three-dimensional lens learning additive and subtractive sculpture, ceramics, and digital work. Students will utilize drawing, painting, sculpture and building 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. The curriculum aligns with guidelines from the College Board and students learn what will be expected of them if they choose to participate in 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.) This is a two-semester course in which students must take both semesters, in sequence, to meet the one year fine arts requirement.</p>

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. **This is a two-semester course in which students must take both semesters, in sequence, to meet the one year fine arts requirement.**

452501 Art and Media Communications II

Grade Placement: 10 – 12

Prerequisite: Art and Media Communications I

Credit: 1

What's next? Art III, AP 2D Art and Design, AP 3D Art and Design, AP Drawing, 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 through 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 2D Art and Design, AP 3D Art and Design, AP Drawing, or AP Art History

Art II: 2D Design & Drawing 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](#).)

452031 Art II: 2D Design & Drawing Honors Grade Placement: 10 - 12 Prerequisite: Art I: 2D Design & Drawing Honors, Art I: 2D, or Art I: 3D Credit: 1 <i>What's next?</i> Art III, AP 2D Art and Design, AP 3D Art and Design, AP Drawing, or AP Art History	The Art II: 2D Design & Drawing Honors curriculum is designed to spiral and expand on the Art I: 2D, Art I: 3D, or Art I: 2D Honors 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 Advanced Placement examination. The curriculum follows guidelines from the College Board and students learn what will be expected of them for the AP Portfolio courses. Art II: 2D Design & Drawing Honors is recommended for students seriously looking at utilizing creativity and the visual arts in their future 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.)
456201 Art II: 3D Design & Sculpture Grade Placement: 10 - 12 Prerequisite: Art I: 3D Design & Sculpture or Art I: 2D Design & Drawing Credit: 1 <i>What's next?</i> AP 3D Art and Design	Art II: 3D Design and Sculpture 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 relief, additive and subtractive sculpture, installations, ceramics, and digital work. 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.)
452061 Art II: 3D Design & Sculpture Honors Grade Placement: 10 - 12 Prerequisite: Art I: 3D Design & Sculpture Honors or Art I: 2D, or Art I: 3D Credit: 1 <i>What's next?</i> AP 3D Art and Design	The Art II: 3D Design & Sculpture Honors 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 portfolio. The curriculum aligns with guidelines from the College Board and students learn what will be expected of them for the AP Portfolio courses. Art II: 3D Design & Sculpture Honors is recommended for students seriously looking at utilizing creativity and the visual arts in their future 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.)
453001 Art III Grade Placement: 11 - 12 Prerequisite: Art I: 2D or 3D or Art and Media Communications I and Art II: 2D or 3D or Art and Media Communications II Credit: 1 <i>What's next?</i> AP 2D Art and Design, AP 3D Art and Design, AP Drawing, or AP Art History	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.)
455001 Unified: Visual Art Grade Placement: 9-12 Prerequisite: Application Process Credit: 1	Unified Visual Arts is an inclusive course that allows students to work collaboratively to learn the Visual Arts Texas Essential Knowledge and Skills. This success-oriented course for students with special learning needs and general education peers. General education students will

support a peer with special learning needs to work through the creative/artistic process to produce art that allows for discovery and expression. Students who would like to be a supporting artist will be required to submit an application and attend training upon their acceptance into the course. Training will prepare the general ed. support artist to be successful in their mentor role. Initial training will include confidentiality, cueing, prompting, and positive reinforcement and will continue throughout the semester with mini-sessions. Unified Art is focused on building independence, community, empathy, management skills, and artistic growth in a visual art learning environment for students of all levels. Unified Art emphasizes leadership skills in making connections in a partnership that may appeal to future educators, counselors, healthcare workers, or career coaches and advocates. Please see a counselor or art teacher about the application process.

**456351 AP 2D Art and Design
(2-hour block)**

Grade Placement: 11 – 12

Prerequisite: Art I: 2D or 3D

Credits: 2

What's next? AP 3D Art and Design, AP Drawing, or AP Art History

AP 2D Art and 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 develop portfolios, consisting of two sections: Sustained Investigation and Selected Works, which 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.](#))

**456371 AP 3D Art and Design
(2-hour block)**

Grade Placement: 11 - 12

Prerequisite: Art I: 2D or 3D

Credits: 2

What's next? AP 2D Art and Design, AP Drawing, or AP Art History

AP 3D Art and 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 develop portfolios, consisting of two sections: Sustained Investigation and Selected Works, which 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.](#))

**454051 AP Drawing
(2-hour block)**

Grade Placement: 11-12

Prerequisite: Art I: 2D or 3D

Credits: 2

What's next? AP 2D Art and Design, AP 3D Art and Design, or AP Art History

AP Drawing, 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 develop portfolios, consisting of two sections: Sustained Investigation and Selected Works, which 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.](#))

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](#).)

Career and Technical Education – Fine Arts Credit

Plano ISD Course No.	Subject	Grade	Credits
551501	Floral Design	11 – 12	1

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 Florists' Association Knowledge Based certification and Level 1 certification.**

Dance Education

Plano ISD Course No.	Subject	Grade	Credits
451871	Dance I	9 – 12	1
452871	Dance II	10 – 12	1
453871	Dance III	11 – 12	1
454871	Dance IV	12	1

* 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.

451871 (FA) 451851 (PE) Grade Placement: 9 – 12 Prerequisite: None Credit: 1 <i>What's next?</i> Dance II	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.
452871 (FA) 452851 (PE) Grade Placement: 10 – 12 Prerequisite: Dance I or audition by instructor Credit: 1 <i>What's next?</i> Dance III	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.
453871 (FA) 453851 (PE) Grade Placement: 11 – 12 Prerequisite: Dance II or audition by instructor Credit: 1 <i>What's next?</i> Dance IV	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.
454871 (FA) 454851 (PE) Grade Placement: 12 Prerequisite: Dance III or audition by instructor Credit: 1	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

Plano ISD Course No.	Subject	Grade	Credits
451301	Orchestra: String I	9 – 12	1
452301	Orchestra: String II	10 – 12	1
453301	Orchestra: String III	11 – 12	1
454301	Orchestra: String IV	12	1
451361	Orchestra: Philharmonic I	9 – 12	1
452361	Orchestra: Philharmonic II	10 – 12	1
453361	Orchestra: Philharmonic III	11 – 12	1
454361	Orchestra: Philharmonic IV	12	1
451371	Orchestra: Symphony I	9 – 12	1
452371	Orchestra: Symphony II	10 – 12	1
453371	Orchestra: Symphony III	11 – 12	1
454371	Orchestra: Symphony IV	12	1
453331	Orchestra III Honors	11 – 12	1
454331	Orchestra IV Honors	12	1
451101	Band: Concert I	9 – 12	1
452101	Band: Concert II	10 – 12	1
453101	Band: Concert III	11 – 12	1
454101	Band: Concert IV	12	1
451121	Band: Symphonic I	9 – 12	1
452121	Band: Symphonic II	10 – 12	1
453121	Band: Symphonic III	11 – 12	1
454121	Band: Symphonic IV	12	1
451141	Band: Wind Ensemble I	9 – 12	1
452141	Band: Wind Ensemble II	10 – 12	1
453141	Band: Wind Ensemble III	11 – 12	1

454141	Band: Wind Ensemble IV	12	1
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Plano ISD Course No.	Subject	Grade	Credits
451171	Band: Percussion Ensemble I	9 – 10	.5 – 1
452171	Band: Percussion Ensemble II	10	.5 – 1
453171	Band: Percussion Ensemble III	11 – 12	.5 – 1
454171	Band: Percussion Ensemble IV	12	.5 – 1
451191	Band: Jazz I	9 – 10	1
452191	Band: Jazz II	10	1
453191	Band: Jazz III	11 – 12	1
454191	Band: Jazz IV	12	1
453131	Band III Honors	11 – 12	1
454131	Band IV Honors	12	1
451201	Choir: Concert I	9 – 12	1
452201	Choir: Concert II	10 – 12	1
453201	Choir: Concert III	11 – 12	1
454201	Choir: Concert IV	12	1
451221	Choir: Mixed I	9 – 12	1
452221	Choir: Mixed II	10 – 12	1
453221	Choir: Mixed III	11 – 12	1
454221	Choir: Mixed IV	12	1
451241	Choir: Tenor / Bass I	9 – 10	1
452241	Choir: Tenor / Bass II	10 – 12	1
453241	Choir: Tenor / Bass III	11 – 12	1
454241	Choir: Tenor / Bass IV	12	1
451271	Choir: Treble I	9 – 10	1

452271	Choir: Treble II	10 – 12	1
453271	Choir: Treble III	11 – 12	1
454271	Choir: Treble IV	12	1
451261	Choir: Jazz / Show I	9 – 10	1

Plano ISD Course No.	Subject	Grade	Credits
452261	Choir: Jazz / Show II	10	1
453261	Choir: Jazz / Show III	11 – 12	1
454261	Choir: Jazz / Show IV	12	1
453231	Choir III Honors	11 – 12	1
454231	Choir IV Honors	12	1
456501	Unified: Choral Music	9 – 12	1
453401	Music Studies (Music Theory)	11 – 12	1
454451	AP Music Theory	11 – 12	1
454551	Music Theory II Honors	12	1

451301 Orchestra: String I

Grade Placement: 9 – 12

Prerequisite: Prior orchestra experience recommended

Credit: 1

What's next? 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 will be required to fulfill all course objectives. This is a full year course. Class 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](#).)

452301 Orchestra: String II

Grade Placement: 10 – 12

Prerequisite: Orchestra I

Credit: 1

What's next? Orchestra III

453301 Orchestra: String III

Grade Placement: 11 – 12

Prerequisite: Orchestra II

Credit: 1

What's next? Orchestra IV

These courses are a continuation of String Orchestra. These orchestras provide 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 will be required to fulfill all course objectives. This is a full year course. Class 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](#).)

454301 Orchestra: String IV

Grade Placement: 12 Prerequisite: Orchestra III Credit: 1		
451361 Orchestra: Philharmonic I Grade Placement: 9 – 12 Prerequisite: Prior orchestra experience recommended Credit: 1 <i>What's next?</i> Orchestra II	Orchestra: Philharmonic I	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 will be required to fulfill all course objectives. This is a full year course. Class 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 .)
452361 Orchestra: Philharmonic II Grade Placement: 10 – 12 Prerequisite: Orchestra I Credit: 1 <i>What's next?</i> Orchestra III	Orchestra: Philharmonic II	These courses are a continuation of Philharmonic Orchestra. These orchestras provide 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 will be required to fulfill all course objectives. This is a full year course. Class 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 .)
453361 Orchestra: Philharmonic III Grade Placement: 11 – 12 Prerequisite: Orchestra II Credit: 1 <i>What's next?</i> Orchestra IV	Orchestra: Philharmonic III	
454361 Orchestra: Philharmonic IV Grade Placement: 12 Prerequisite: Orchestra III Credit: 1	Orchestra: Philharmonic IV	
451371 Orchestra: Symphony I Grade Placement: 9 – 12 Prerequisite: Prior orchestra experience recommended Credit: 1 <i>What's next?</i> Orchestra II	Orchestra: Symphony I	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 will be required to fulfill all course objectives. This is a full year course. Class 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 .)
452371 Orchestra: Symphony II Grade Placement: 10 – 12 Prerequisite: Orchestra I Credit: 1 <i>What's next?</i> Orchestra III	Orchestra: Symphony II	These classes are a continuation of Symphony Orchestra. These orchestras provide 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 will be required to fulfill all course objectives. This is a full year course. Class 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 .)
453371 Orchestra: Symphony III Grade Placement: 11 – 12 Prerequisite: Orchestra II Credit: 1 <i>What's next?</i> Orchestra IV	Orchestra: Symphony III	

**454371 Orchestra:
Symphony IV**

Grade Placement: 12

Prerequisite: Orchestra III

Credit: 1

453331 Orchestra III Honors

Grade Placement: 11 – 12

Prerequisite: Orchestra II

Credit: 1

What's next? Symphony Orchestra IV Honors**454331 Orchestra IV Honors**

Grade Placement: 12

Prerequisite: Orchestra III or Orchestra III Honors

Credit: 1

Although encompassing the same group performance expectations as the on-level orchestra courses listed above, this course has an added emphasis on proficiency of repertoire, advanced technical skills, advanced theory and aural skills, critical performance evaluation, and the development of a personal portfolio demonstrating the development of advanced comprehensive individual musicianship. Students in Orchestra IV Honors will be required to complete a culminating project based on student interest and musical knowledge. This is a full-year course. Attendance at all outside of school rehearsals and performances will be required to fulfill all course objectives. Class 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.](#))

A student will receive 0.5 PE substitution credit for marching band participation during the fall semester.

451101 Band: Concert I

Grade Placement: 9 – 12

Prerequisite: Prior band experience recommended

Credit: 1

What's next? Band II

This course provides an opportunity for students to continue instrumental development at an intermediate 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 will be required to fulfill all course objectives. This is a full-year course. Class 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.](#))

452101 Band: Concert II

Grade Placement: 10 – 12

Prerequisite: Band I

Credit: 1

What's next? Band III**453101 Band: Concert III**

Grade Placement: 11 – 12

Prerequisite: Band II

Credit: 1

What's next? Band IV**454101 Band: Concert IV**

Grade Placement: 12

Prerequisite: Band III

Credit: 1

These courses are a continuation of Concert Band. These bands 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 will be required to fulfill all course objectives. This is a full-year course. Class 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.](#))

451121 Band: Symphonic I

Grade Placement: 9 – 12

Prerequisite: Prior band experience recommended

Credit: 1

What's next? 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 will be required to fulfill all course objectives. This is a full-year course. Class 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.](#))

452121 Band: Symphonic II

Grade Placement: 10 – 12

Prerequisite: Band I

Credit: 1

What's next? Band III

453121 Band: Symphonic III

Grade Placement: 11 – 12

Prerequisite: Band II

Credit: 1

What's next? Band IV

454121 Band: Symphonic IV

Grade Placement: 12

Prerequisite: Band III

Credit: 1

These courses are a continuation of Symphonic Band. These bands 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 will be required to fulfill all course objectives. This is a full-year course. Class 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.](#))

**451141 Band:
Wind Ensemble I**

Grade Placement: 9 – 10

Prerequisite: Prior band experience recommended

Credit: 1

What's next? Band II

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 will be required to fulfill all course objectives. This is a full-year course. Class 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.](#))

452141	Band: Wind Ensemble II	<p>These courses are a continuation of Wind Ensemble. These bands provide 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 will be required to fulfill all course objectives. This is a full-year course. Class 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.)</p>
Grade Placement: 10 – 12		
Prerequisite: Band I		
Credit: 1		
<i>What's next?</i> Band III		
453141	Band: Wind Ensemble III	<p>This is a full-year course. Class 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.)</p>
Grade Placement: 11 – 12		
Prerequisite: Band II		
Credit: 1		
<i>What's next?</i> Band IV		
454141	Band: Wind Ensemble IV	
Grade Placement: 12		
Prerequisite: Band III		
Credit: 1		
<hr/>		
451171	Band: Percussion Ensemble I	<p>This course replaces Concert Band, Symphonic Band, or Wind Ensemble for percussionists only during the fall semester. The main purpose of this course is to combine percussionists for marching band. 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 will be required to fulfill all course objectives. This is a fall semester class only. Class 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.)</p>
Grade Placement: 9 – 10		
Prerequisite: Prior band experience		
Credit: 1		
<i>What's next?</i> Band I		
<hr/>		
452171	Band: Percussion Ensemble II	<p>These courses replace Concert Band, Symphonic Band, or Wind Ensemble for percussionists only during the fall semester. The main purpose of this course is to combine percussionists for marching band. These courses are a continuation of Percussion Ensemble, Concert Band, Symphonic Band, and Wind Ensemble. These bands provide 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 will be required to fulfill all course objectives. This is a full-year course. Class 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.)</p>
Grade Placement: 10		
Prerequisite: Band I		
Credit: 1		
<i>What's next?</i> Band II		
453171	Band: Percussion Ensemble III	
Grade Placement: 11 – 12		
Prerequisite: Band II		
Credit: 1		
<i>What's next?</i> Band III		
454171	Band: Percussion Ensemble IV	
Grade Placement: 12		
Prerequisite: Band III		

Credit: 1
What's next? Band IV

451191 Band: Jazz 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. Class 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](#).)

452191 Band: Jazz II

Grade Placement: 10
Prerequisite: Audition by instructor and instrumental experience
Credit: 1
What's next? Jazz Band III

These courses are a continuation of Jazz Band and 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. Class 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](#).)

453191 Band: Jazz III

Grade Placement: 11 – 12
Prerequisite: Audition by instructor and instrumental experience
Credit: 1
What's next? Jazz Band IV

454191 Band: Jazz IV

Grade Placement: 12
Prerequisite: Audition by instructor and instrumental experience
Credit: 1

453131 Band III Honors

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

Although encompassing the same group performance expectations as the on-level band courses listed above, this course has an added emphasis on proficiency of repertoire, advanced technical skills, advanced theory and aural skills, critical performance evaluation, and the development of a personal portfolio demonstrating the development of advanced comprehensive individual musicianship. Students in Band IV Honors will be required to complete a culminating project based on student interest and musical knowledge. This is a full-year course. Attendance at all outside of school rehearsals and performances is required. Class 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](#).)

454131 Band IV Honors

Grade Placement: 12
Prerequisite: Band III or Band III Honors
Credit: 1

451201 Choir: Concert I

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

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. Class 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.](#))

452201 Choir: Concert II

Grade Placement: 10 – 12

Prerequisite: Choir I

Credit: 1

What's next? Choir III

453201 Choir: Concert III

Grade Placement: 11 – 12

Prerequisite: Choir II

Credit: 1

What's next? Choir IV

454201 Choir: Concert IV

Grade Placement: 12

Prerequisite: Choir III

Credit: 1

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 these courses 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. Class 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.](#))

451221 Choir: Mixed I

Grade Placement: 9 – 10

Prerequisite: Prior choral experience recommended

Credit: 1

What's next? 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 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. Class 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.](#))

452221 Choir: Mixed II

Grade Placement: 10

Prerequisite: Choir I

Credit: 1

What's next? Choir III

453221 Choir: Mixed III

Grade Placement: 11 – 12

Prerequisite: Choir II

Credit: 1

What's next? Choir IV

454221 Choir: Mixed IV

Grade Placement: 12

Prerequisite: Choir III

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 these courses 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. Class 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.](#))

451241 Choir: Tenor / Bass I

Grade Placement: 9 – 12

Prerequisite: None

Credit: 1

What's next? Choir II

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. Class 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](#).)

452241 Choir: Tenor / Bass II

Grade Placement: 10

Prerequisite: Choir I

Credit: 1

What's next? Choir III**453241 Choir: Tenor / Bass III**

Grade Placement: 11 – 12

Prerequisite: Choir II

Credit: 1

What's next? Choir IV**454241 Choir: Tenor / Bass IV**

Grade Placement: 12

Prerequisite: Choir III

Credit: 1

These courses are a continuation of Tenor/Bass Choir for male students with intermediate or advanced skills in sight-reading and choral singing. Instruction in these courses will continue to support 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. Class 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](#).)

451271 Choir: Treble I

Grade Placement: 9 – 10

Prerequisite: None

Credit: 1

What's next? 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. Class 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](#).)

452271 Choir: Treble II

Grade Placement: 10

Prerequisite: Choir I

Credit: 1

What's next? Choir III**453271 Choir: Treble III**

Grade Placement: 11 – 12

Prerequisite: Choir II

Credit: 1

What's next? Choir IV

These courses are a continuation of Treble Choir for female students with beginning or intermediate skills in sight-reading and choral singing. Instruction in these courses 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. Class placement is determined by audition. Additional supply fees

454271 Choir: Treble IV Grade Placement: 12 Prerequisite: Choir III Credit: 1	<p>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.)</p>
451261 Choir: Jazz / Show I Grade Placement: 9 – 12 Prerequisite: Audition by instructor and choral experience recommended Credit: 1 <i>What's next?</i> Jazz / Show Choir II	<p>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 to fulfill all course objectives. This is a full-year course. Class 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.)</p>
452261 Choir: Jazz / Show II Grade Placement: 10 - 12 Prerequisite: Audition by instructor and choral experience Credit: 1 <i>What's next?</i> Jazz / Show Choir III	<p>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. These courses 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 to fulfill all course objectives. This is a full-year course. Class 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.)</p>
453261 Choir: Jazz / Show III Grade Placement: 11 – 12 Prerequisite: Audition by instructor and choral experience Credit: 1 <i>What's next?</i> Jazz / Show Choir IV	
454261 Choir: Jazz / Show IV Grade Placement: 12 Prerequisite: Audition by instructor and choral experience Credit: 1	
453231 Choir III Honors Grade Placement: 11 – 12 Prerequisite: Choir II Credit: 1 <i>What's next?</i> Choir IV Honors	
454231 Choir IV Honors Grade Placement: 12 Prerequisite: Choir III or Choir III Honors Credit: 1	
456501 Unified: Choral Music Grade Placement: 9 – 12	<p>Unified Choral Music is an inclusive course that allows students to work collaboratively to learn the Choral Music Texas Essential</p>

<p>Prerequisite: Application Process Credit: 1</p>	<p>Knowledge and Skills. This success-oriented course for students with special learning needs and general education peers. General education students will support a peer with special learning needs to work through the musical/artistic process to produce music that allows for discovery and expression. Students who would like to be a supporting musician will be required to submit an application and attend training upon their acceptance into the course. Training will prepare the general ed. support artist to be successful in their mentor role. Initial training will include confidentiality, cueing, prompting, and positive reinforcement and will continue throughout the semester with mini-sessions. Unified Choral Music is focused on building independence, community, empathy, management skills, and musical growth in a choral learning environment for students of all levels. Unified Choral Music emphasizes leadership skills in making connections in a partnership that may appeal to future educators, counselors, healthcare workers, or career coaches and advocates. Please see a counselor or art teacher about the application process.</p>
<p>453401 Music Studies (Music Theory) Grade Placement: 11 – 12 Prerequisite: None Credit: 1</p>	<p>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). Some basic music reading skill is recommended. One unit of this course may serve as the required fine arts credit for graduation.</p>
<p>454451 AP Music Theory Grade Placement: 11 - 12 Prerequisite: Knowledge of music fundamentals and / or approval of instructor Credit: 1</p>	<p>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.</p>
<p>454551 Music Theory II Honors Grade Placement: 12 Prerequisite: AP Music Theory Credit: 1</p>	<p>This course is a continuation of AP Music Theory and designed for students who wish to pursue college-level music studies in high school. Emphasis is on further study of common practice music theory, as well as composition, literacy, critical listening, and research of music in and out of the common practice.</p>

Theatre Education

Plano ISD Course No.	Subject	Grade	Credits
451801	Theatre Arts I	9 – 12	1
452801	Theatre Arts II	10 – 12	1
453801	Theatre Arts III	11 – 12	1
454801	Theatre Arts IV	12	1
451901	Theatre: Technical Theatre I	9 – 12	1
452901	Theatre: Technical Theatre II	10 – 12	1
453901	Theatre: Technical Theatre III	11 – 12	1
454901	Theatre: Technical Theatre IV	12	1
452931	Technical Theatre II Costume Construction	10 – 12	1
453931	Technical Theatre III Advanced Costume Construction	11 – 12	1
454931	Technical Theatre IV Advanced Costume Construction	12	1
451951	Theatre: Musical Theatre I	11 – 12	1
452951	Theatre: Musical Theatre II	12	1
455101	Theatre: Production I	9 – 12	1
455201	Theatre: Production II	10 – 12	1
455301	Theatre: Production III	11 – 12	1
455401	Theatre: Production IV	12	1
455331	Theatre: Production III Honors	11 – 12	1
455431	Theatre: Production IV Honors	12	1
456601	Unified: Theatre Arts	9 – 12	1

451801 Theatre Arts I

Grade Placement: 9 – 12

Prerequisite: None

Credit: 1

What's next? Theatre Arts II

The Theatre Arts I course is an introductory study in the high school theatre arts program. Basic acting techniques, technical theatre, literature, terminology, history, voice & diction and the fundamentals of play production are introduced. Students will experience the production process through performance, directing and criticism. **Students will be required to read plays and see live theatrical productions.**

452801 Theatre Arts II Grade Placement: 10 – 12 Prerequisite: Theatre Arts I (1 credit) Credit: 1 <i>What's next?</i> Theatre Arts III	The Theatre Arts II course is a continuation of the study in theatre in the high school theatre arts program. An extension of basic acting techniques, technical theatre, literature, terminology, history, voice & diction and play production are examined. Students will further develop the production process through performance, directing and criticism. Students will be required to read plays and see live theatrical productions.
453801 Theatre Arts III Grade Placement: 11 – 12 Prerequisite: Theatre Arts I (1 credit) Credit: 1 <i>What's next?</i> Theatre Arts IV 454801 Theatre Arts IV Grade Placement: 12 Prerequisite: Theatre Arts I (1 credit) Credit: 1	The Theatre Arts III and IV courses are a continuation of the study of theatre in the high school theatre arts program. An extension of basic acting techniques, technical theatre, literature, terminology, history, voice & diction and play production are examined. Students will further develop the production process through performance, directing and criticism. Students will be required to read plays and see live theatrical productions.
451901 Theatre: Technical Theatre I Grade Placement: 9 – 12 Prerequisite: An application may be required Credit: 1 <i>What's next?</i> Technical Theatre II	Students in technical theatre will study the fundamentals of stage design, set and property construction, as well as the principles of sound and stage lighting. Theatrical production is an integral part of this class and will require students to participate in the overall construction of campus shows. Each student will be required to attend some play rehearsals and may serve on production crews outside of class. Students will be required to read plays and see live theatrical productions.
452901 Theatre: Technical Theatre II Grade Placement: 10 – 12 Prerequisite: Technical Theatre I; an application may be required Credit: 1 <i>What's next?</i> Theatre Production I and III 453901 Theatre: Technical Theatre III Grade Placement: 11 – 12 Prerequisite: Technical Theatre I, Technical Theatre II; an application may be required Credit: 1 <i>What's next?</i> Theatre Production I and III 454901 Theatre: Technical Theatre IV Grade Placement: 12 Prerequisite: Technical Theatre I, Technical Theatre II, Technical Theatre III; an application may be required Credit: 1	Students in technical theatre will study the advanced fundamentals of stage design, set and property construction, as well as the principles of sound and stage lighting. Theatrical production is an integral part of this class and will require students to participate in the overall construction of campus shows. Each student will be required to attend some play rehearsals and may serve on production crews outside of class. Students will be required to read plays and see live theatrical productions.

**452931 Technical Theatre II
Costume
Construction**

Grade Placement: 10 – 12

Prerequisite: Theatre Arts I or Technical Theatre I; an application may be required

Credit: 1

What's next? Technical Theatre III Advanced Costume Construction

**453931 Technical Theatre III
Advanced Costume
Construction**

Grade Placement: 11 – 12

Prerequisite: Theatre Arts I or Technical Theatre I; an application may be required

Credit: 1

What's next? Technical Theatre IV Advanced Costume Construction

**454931 Technical Theatre IV
Advanced Costume
Construction**

Grade Placement: 12

Prerequisite: Theatre Arts I or Technical Theatre I; an application may be required

Credit: 1

Students in this course will study the advanced fundamentals of costume construction, creative expression through the design process/rendering, study of the historical and cultural relevance of costuming, and critical evaluation and response. This course introduces students to the basic techniques, materials and methods of theatrical costume construction. Students will learn hand sewing, machine sewing, different types of fabrics/materials, how to use and create patterns, shop safety, and wardrobe duties.

Theatrical production is an integral part of this class and students will be required to participate in the overall construction of campus shows. Each student will be required to submit a UIL Theatrical Design entry, attend designated production rehearsals and may serve on production crews outside of class. Students will be required to view and critique live theatrical productions.

**451951 Theatre: Musical
Theatre I**

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.

**452951 Theatre: Musical
Theatre II**

Grade Placement: 12

Prerequisite: Musical Theatre I and one credit in two of the following: Dance, Music or Theatre, and audition

Credit: 1

Musical Theatre II will continue to 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.

455101 Theatre: Production I

Grade Placement: 9 – 12

Prerequisite: an audition and application are required

Credit: 1

What's next? Theatre Production II

455201 Theatre: Production II

Grade Placement: 10 – 12

Prerequisite: Theatre Arts I or Theatre Production I; an audition and application are required

Credit: 1

What's next? Theatre Production III or Theatre Production III Honors

455301 Theatre: Production III

Grade Placement: 11 - 12

Prerequisite: Theatre Arts I, II, or Theatre Production I or II; an audition and application are required

Credit: 1

What's next? Theatre Production IV or Theatre Production IV Honors

455401 Theatre: Production IV

Grade Placement: 12

Prerequisite: Theatre Arts I, II, III, or Theatre Production I, II, or III; an audition and application are required

Credit: 1

Students enrolled in the Theatre Production courses will deepen their theatrical study with enhanced experiences and will explore the relevance of theatre-related activities in everyday life. An emphasis will be placed on strengthening the individual's self-concept through the study of various acting techniques, technical theatre, play production, voice & diction, acting, performance, movement, history and literature. **Students are required to participate in all productions on their campus either as a performer or technician. A research paper/portfolio will be required and students will be required to read plays and see local live theatrical productions.**

455331 Theatre: Production III Honors

Grade Placement: 11 – 12

Prerequisite: Theatre Arts I, II, III or Theatre Production I or II; an audition and application are required

Credit: 1

What's next? Theatre Production IV Honors

Students enrolled in the honors Theatre Production courses will deepen their theatrical study with enhanced experiences and will explore the relevance of theatre-related activities in everyday life. An emphasis will be placed on strengthening the individual's self-concept through the study of various acting techniques, technical theatre, play production, voice & diction, acting, performance, movement, history and literature. **Students are required to participate in all productions on their campus either as a performer or technician. A portfolio and directing assignment will be required and students will be required to read plays and see local live theatrical productions.**

455431 Theatre: Production IV Honors

Grade Placement: 12

Prerequisite: Theatre Arts I, II, III or Theatre Production I, II, or III; an audition and application are required

Credit: 1

Students enrolled in the honors Theatre Production courses will deepen their theatrical study with enhanced experiences and will explore the relevance of theatre-related activities in everyday life. An emphasis will be placed on strengthening the individual's self-concept through the study of various acting techniques, technical theatre, play production, voice & diction, acting, performance, movement, history and literature. **Students are required to participate in all productions on their campus either as a performer or technician. A portfolio and directing assignment will be required and students will be required to read plays and see local live theatrical productions.**

456601 Unified: Theatre Arts

Grade Placement: 9-12

Prerequisite: Application Process

Credit: 1

Unified Theatre Arts is an inclusive course that allows students to work collaboratively to learn the Theatre Arts Texas Essential Knowledge and Skills. This success-oriented course for students with

special learning needs and general education peers. General education students will support a peer with special learning needs to work through the theatrical/artistic process to practice theater art allowing for discovery and expression. Students who would like to be a supporting actor will be required to submit an application and attend training upon their acceptance into the course. Training will prepare the general ed. support actor to be successful in their mentor role. Initial training will include confidentiality, cueing, prompting, and positive reinforcement and will continue throughout the semester with mini-sessions. Unified Theatre Arts is focused on building independence, community, empathy, management skills, and artistic growth in a theatre arts learning environment for students of all levels. Unified Theater Arts emphasizes leadership skills in making connections in a partnership that may appeal to future educators, counselors, healthcare workers, or career coaches and advocates. Please see a counselor or art teacher about the application process.

GIFTED EDUCATION (PACE / HUMANITIES)

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

Plano ISD Course No.	Subject	Grade	Credits
101041	Humanities I English I GT (English I Honors)	9	1
252041	Humanities II AP World History GT (AP World History)	10	1
S14251	American Studies (AP English III Language and Composition and AP U.S. History)	11	2

101041	Humanities I English I GT (English I Honors)	<p>Humanities I English I GT and Humanities II AP World History 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.</p>
252041	Humanities II AP World History GT (AP World History)	
<p>Grade Placement: 9 Prerequisite: G/T Identification Credit: 1</p>	<p>Grade Placement: 10 Prerequisite: G/T Identification Credit: 1 <i>What's next?</i> American Studies</p>	
S14251	American Studies (AP English III Language and Composition and AP U.S. History)	<p>Designed for the gifted and/or accelerated learner, American Studies integrates the Humanities into a combined AP US History and AP English III 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 possibly earn college credit.</p>
<p>Grade Placement: 11 Prerequisite: G/T Identification or World History AP recommended Credit: 2 <i>What's next?</i> American Principles or The Human Experience: Culture, Media and Perception</p>		

HEALTH

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

Plano ISD Course No.	Subject	Grade	Credits
30100B	Health I	9 – 12	.5
30107B	Health I (eSchool)	9 – 12	.5
554431	Health Science Theory	10 – 11	1

30100B Health I

Grade Placement: 9 – 12

Prerequisite: None

Credit: .5

In Health I, students develop skills that will help them 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 they can use to promote health for themselves and others in areas such as fitness, nutrition, mental/emotional health, alcohol and substance abuse. Students also develop an understanding of interpersonal relationships including human sexuality reproductive health, the process of fertilization and healthy fetal development. Students use problem-solving, research, goal-setting and communication skills to protect their own health and that of the community. Successful completion of this course will satisfy the Health requirement for graduation. Students will receive high school credit and high school grade points.

554431 Health Science Theory

Grade Placement: 10 – 11

Prerequisite: Biology

Credit: 1 (satisfies Health requirement for graduation)

What's next? Practicum in Health Science I, World Health Research, Anatomy & Physiology, or Medical Terminology

Health Science Theory is a one-hour full-year program that provides 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.

***This course is the required prerequisite for Practicum in Health Science I & II (Clinical Rotations I & II) and Pharmacology.**

Successful completion of both semesters of this course will satisfy the Health requirement for graduation.

JOURNALISM

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

Plano ISD Course No.	Subject	Grade	Credits
106401	Yearbook I	9 – 12	1
106501	Yearbook II	10 – 12	1
106601	Yearbook III	11 – 12	1
106001	Journalism	11 – 12	1
106101	Newspaper I	11 – 12	1
106201	Newspaper II	11 – 12	1
106751	Photojournalism	11 – 12	.5 – 1
106701	Independent Study / Journalism	12	1

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

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.

106201 Newspaper II Grade Placement: 11 - 12 Prerequisite: Newspaper I and/or application Credit: 1	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.
106751 Photojournalism Grade Placement: 11 - 12 Prerequisite: Yearbook and/or application Credit: .5 - 1	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).
106701 Independent Study / Journalism Grade Placement: 12 Prerequisite: Teacher approval Credit: 1	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.

JUNIOR RESERVE OFFICER TRAINING (JROTC)

Plano ISD Course No.	Subject	Grade	Credits
953101	JROTC 1	9 – 10	1
953201	JROTC 2	10	1
953301	JROTC 3	11 – 12	1
953401	JROTC 4	12	1

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 recommended

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:

<https://www.pisd.edu/domain/421>

LANGUAGES OTHER THAN ENGLISH

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

Plano ISD Course No.	Subject	Grade	Credits
500101	American Sign Language I	9 – 12	1
500201	American Sign Language II	10 – 12	1
500301	American Sign Language III	11 – 12	1
501601	Chinese I	9 – 10	1
502601	Chinese II	9 – 12	1
503631	Chinese III Honors	11 – 12	1
504651	AP Chinese IV	11 – 12	1
501101	French I	9 – 10	1
502101	French II	9 – 12	1
503131	French III Honors	10 – 12	1
504151	AP French IV	11 – 12	1
505131	French V Honors	12	1
502201	German II	10 – 12	1
503231	German III Honors	11 – 12	1
504251	AP German IV	12	1
501401	Spanish I	9 – 12	1
501441	Spanish I (eSchool)	9 – 12	.5 – 1
502401	Spanish II	9 – 12	1
502441	Spanish II (eSchool)	9 – 12	.5 – 1
503401	Spanish III	9 – 12	1
503431	Spanish III Honors	10 – 12	1
504401	Spanish IV	11 – 12	1
504451	AP Spanish IV	11 – 12	1
505451	AP Spanish V	12	1

If students choose to accelerate in a language beyond the course offerings for a campus, please note that transportation is not provided and scheduling solutions are not guaranteed.

<p>500101 American Sign Language I</p> <p>Grade Placement: 9 – 12 Prerequisite: None Credit: 1 <i>What's Next?</i> American Sign Language II</p>	<p>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 – novice high proficiency. This course is conducted in ASL (without voice) a significant amount of time.</p>
<p>500201 American Sign Language II</p> <p>Grade Placement: 10 – 12 Prerequisite: American Sign Language I Credit: 1 <i>What's Next?</i> American Sign Language III</p>	<p>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 – intermediate low proficiency. This course is conducted in ASL (without voice) a significant amount of time.</p>
<p>500301 American Sign Language III</p> <p>Grade Placement: 11 – 12 Prerequisite: American Sign Language I and American Sign Language II Credit: 1</p>	<p>American Sign Language III continues to build upon students' 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 – intermediate mid proficiency. This course is conducted in ASL (without voice) a significant amount of time.</p>
<p>501601 Chinese I</p> <p>Grade Placement: 9 – 10 Prerequisite: None Credit: 1 <i>What's Next?</i> Chinese II</p>	<p>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 – novice high proficiency. This course is conducted in Chinese a significant amount of time.</p>
<p>502601 Chinese II</p> <p>Grade Placement: 9 – 12 Prerequisite: Chinese I Credit: 1 <i>What's Next?</i> Chinese III Honors</p>	<p>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 practices of selected Chinese speaking countries or regions will be explored. The expected outcome of this course is developing novice high – intermediate low proficiency. This course is conducted in Chinese a significant amount of time.</p>
<p>503631 Chinese III Honors</p> <p>Grade Placement: 11 – 12 Prerequisite: Chinese II Credit: 1 <i>What's Next?</i> AP Chinese IV</p>	<p>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 practices of selected Chinese regions will be explored. The expected outcome of the course is developing intermediate low – intermediate mid proficiency. This course is conducted predominately in Chinese. NOTE: Chinese III H is NOT offered on High School (9th and 10th grade) campuses.</p>

504651 AP Chinese IV Grade Placement: 11 – 12 Prerequisite: Chinese III or Chinese III Honors Credit: 1	AP Chinese IV 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 – intermediate high proficiency and to prepare students for success on the AP Chinese Language and Culture exam. This course is conducted predominately in Chinese.
501101 French I Grade Placement: 9 – 10 Prerequisite: None Credit: 1 <i>What's Next?</i> French II	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 – novice high proficiency. This course is conducted in French a significant amount of time.
502101 French II Grade Placement: 9 – 12 Prerequisite: French I Credit: 1 <i>What's Next?</i> French III Honors	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 high – intermediate low proficiency. This course is conducted in French a significant amount of time.
503131 French III Honors Grade Placement: 10 – 12 Prerequisite: French I and II Credit: 1 <i>What's Next?</i> AP French IV	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 – intermediate mid proficiency. This course is conducted predominately in French.
504151 AP French IV Grade Placement: 11 – 12 Prerequisite: French I, II and III	AP French IV prepares students to demonstrate intermediate mid-high proficiency across the full range of language skills within a

Credit: 1

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 – intermediate 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 mid proficiency and to prepare students for success on the AP French Language and Culture Exam. **This course is conducted in French.**

503231 German III Honors

Grade Placement: 11 – 12

Prerequisite: German I and German II

Credit: 1

What's Next? AP German IV

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 – intermediate mid proficiency. **This course is conducted predominantly in German. NOTE: German III H is not offered on High School (9th and 10th grade) campuses. German III Honors will not be offered after the 2023-2024 school year.**

504251 AP German IV

Grade Placement: 12

Prerequisite: German I, II and III

AP German IV prepares students to demonstrate intermediate mid-high proficiency across the full range of language skills within a

<p>Credit: 1</p>	<p>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 – intermediate high proficiency and to prepare students for success on the AP German Language and Culture Exam. This course is conducted in German. Note – AP German IV will not be offered after the 2024-2025 school year.</p>
<p>501401 Spanish I Grade Placement: 9 – 12 Prerequisite: None Credit: 1 <i>What's Next?</i> Spanish II</p>	<p>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 - novice high proficiency. This course is conducted in Spanish a significant amount of time.</p>
<p>502401 Spanish II Grade Placement: 9 – 12 Prerequisite: Spanish I Credit: 1 <i>What's Next?</i> Spanish III or Spanish III Honors</p>	<p>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 high – intermediate low proficiency. This course is conducted in Spanish a significant amount of time.</p>
<p>503401 Spanish III Grade Placement: 10 – 12 Prerequisite: Spanish II Credit: 1 <i>What's Next?</i> Spanish IV or AP Spanish IV</p>	<p>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 - intermediate mid proficiency. This course is conducted predominantly in Spanish.</p>
<p>503431 Spanish III Honors Grade Placement: 10 – 12 Prerequisite: Spanish I and II Credit: 1</p>	<p>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,</p>

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.**

504401 Spanish IV

Grade Placement: 11 – 12

Prerequisite: Spanish III or Spanish III Honors

Credit: 1

What's next? AP Spanish IV

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 – intermediate high proficiency. **This course is conducted predominantly in Spanish.**

504451 AP Spanish IV

Grade Placement: 11 – 12

Prerequisite: Spanish III or Spanish III Honors

Credit: 1

What's next? AP Spanish V

AP Spanish IV 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 – intermediate high proficiency and to prepare students for success on the AP Spanish Language and Culture Exam. **This course is conducted in Spanish.**

505451 AP Spanish V

Grade Placement: 12

Prerequisite: AP Spanish IV

Credit: 1

AP Spanish V 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 mid proficiency and to prepare students for success on the AP Spanish Literature Exam. **This course is conducted in Spanish.**

MATHEMATICS

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

Plano ISD Course No.	Subject	Grade	Credits
152001	Algebra I	9 – 10	1
152171	Algebra I (eSchool)	9 – 10	.5 - 1
152031	Algebra I Honors	9	1
159401	Strategic Learning for High School Mathematics	9 – 10	1
153001	Geometry	9 – 11	1
153171	Geometry (eSchool)	9 – 11	.5 - 1
153031	Geometry Honors	9 – 10	1
154001	Algebra II	10 – 12	1
154051	Algebra II (eSchool)	10 – 12	.5 - 1
154031	Algebra II Honors	10 – 12	1
159651	College Preparatory Mathematics	12	1
153501	Mathematical Models with Applications	11 – 12	1
157001	Advanced Quantitative Reasoning	11 – 12	1
155001	Pre-Calculus	11 – 12	1
155171	Pre-Calculus (eSchool)	11 – 12	1
155031	Pre-Calculus Honors	10 – 12	1
155131	Pre-Calculus Dual Credit	10 – 12	1
158001	Statistics	11 – 12	1
158131	Statistics Dual Credit	11 – 12	1
158051	AP Statistics	11 – 12	1
159151	AP Calculus – AB	11 – 12	1
159251	AP Calculus – BC	11 – 12	1
159301	Multivariable Calculus Dual Credit	11 – 12	1
401051	AP Computer Science A	11 – 12	1
556351	Digital Electronics (PLTW)	11 – 12	1
355101	Accounting II Honors	12	1

If students choose to accelerate beyond the course offerings for a campus, please note that transportation is not provided and scheduling solutions are not guaranteed.

152001 Algebra I Grade Placement: 9 – 10 Prerequisite: Eighth grade mathematics Credit: 1 <i>What's Next?</i> Geometry or Geometry Honors	In grades k-8, algebraic reasoning is just one of many mathematical strands studied by students. In this Algebra I course students build on that prior learning with a more focused study of algebraic patterns and representations. 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.
152031 Algebra I Honors Grade Placement: 9 Prerequisite: Eighth grade mathematics Credit: 1 <i>What's Next?</i> Geometry or Geometry Honors	The honors Algebra I course enriches student learning within Algebra I to explore functional relationships more deeply. In addition to the coursework listed above, students study connections between algebraic reasoning and other strands of mathematics.
153001 Geometry Grade Placement: 9 – 11 Prerequisite: Algebra I Credit: 1 <i>What's Next?</i> Math Models, Algebra II or Algebra II Honors	Through elementary and middle school, students explored shapes and measurement related to geometric relationships. In this Geometry course students extend their previous studies to develop more formal arguments and proofs around geometric properties and relationships. Students learn how to communicate about observed relationships in geometric contexts. Explorations 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 Honors Grade Placement: 9 – 10 Prerequisite: Algebra I or Algebra I Honors Credit: 1 <i>What's Next?</i> Algebra II or Algebra II Honors	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.
159401 Strategic Learning for High School Mathematics Grade Placement: 9 – 10 Prerequisite: Eighth grade mathematics, and concurrently enrolled in Algebra I or Geometry Credit: 1 (elective credit)	This course provides support to identified 9th and 10th grade students in need of a second math class to support their ability to learn math and change their learning trajectory. Students will be identified based on history performance on STAAR and other assessments. The learning will include examining past experiences and dispositions related to learning math, exploring learning processes, and participating in exercises that build their ability to learn math through shifting mindset. Students will also receive targeted intervention over math skills and understandings that support future learning in math. Students identified for Strategic Learning will enroll in this course concurrently while also enrolled in Algebra 1 or Geometry.
154001 Algebra II Grade Placement: 10 – 12	In this course students build on their knowledge from Algebra I to broaden their understanding of functions and extend previous work

<p>Prerequisite: Algebra I and Geometry*</p> <p>Credit: 1</p> <p><i>What's Next?</i> Pre-Calculus, Pre-Calculus Honors, or Pre-Calculus Dual Credit</p>	<p>with systems of equations and inequalities. In previous coursework, students have only worked with three main function families: linear, quadratic and exponential. Algebra II expands on these three functions and broadens students' exploration of patterns with the study of additional functional relationships, including 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. *10th graders with a strong Algebra I background may concurrently enroll in Algebra II and Geometry.</p>
<p>154031 Algebra II Honors</p> <p>Grade Placement: 10 – 12</p> <p>Prerequisite: Algebra I or Algebra I Honors, and Geometry or Geometry Honors*</p> <p>Credit: 1</p> <p><i>What's Next?</i> Pre-Calculus, Pre-Calculus Honors, or Pre-Calculus Dual Credit</p>	<p>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. *10th graders with a strong Algebra I background may concurrently enroll in Algebra II and Geometry.</p>
<p>159651 College Preparatory Mathematics</p> <p>Grade Placement: 12</p> <p>Prerequisite: Intent to enroll in community college</p> <p>Credit: 1</p>	<p>This course is designed for students who want to attend college and still need to demonstrate college readiness in math and/or reading and writing in order to be eligible to enroll in college level courses. Students will gain and demonstrate the necessary college readiness skills in mathematics to be successful in college level, credit-bearing courses. This course fulfills the Texas Success Initiative (TSI) requirements for mathematics with a partnering institute of higher education.</p>
<p>153501 Mathematical Models with Applications</p> <p>Grade Placement: 11 – 12</p> <p>Prerequisite: Algebra I and Geometry</p> <p>Credit: 1</p> <p><i>What's Next?</i> Algebra II</p>	<p>Mathematical modeling is a process that uses mathematics to represent situations, analyze relationships, and make predictions. This course is designed to provide students with a better understanding of mathematics, building on their prior knowledge, and create 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.</p>
<p>157001 Advanced Quantitative Reasoning</p> <p>Grade Placement: 11-12</p> <p>Prerequisite: Algebra II and Geometry</p> <p>Credit: 1</p> <p><i>What's Next?</i> Pre-Calculus or Statistics</p>	<p>Advanced Quantitative Reasoning (AQR) is a capstone mathematics course that follows Algebra I, Geometry, and Algebra II. It builds on and extends students' prior learning across many math strands, and covers other mathematics topics not typically taught in high school. AQR also helps students develop college and career skills such as collaborating, conducting research, and making presentations.</p>
<p>155001 Pre-Calculus</p> <p>Grade Placement: 11 – 12</p> <p>Prerequisite: Algebra II and Geometry</p> <p>Credit: 1</p>	<p>This course deepens students' mathematical understanding and fluency with algebra and trigonometry, and extends their ability to make connections and apply concepts and procedures at higher</p>

<p><i>What's Next?</i> Statistics, AP Statistics, Dual Credit Statistics, or AP Calculus AB</p>	<p>levels. This is done through a study of numerous functional relationships, including polynomial, rational, power (including radical), exponential, logarithmic, trigonometric, and piecewise-defined functions. Students analyze the characteristics and behaviors of these functions. Topics also include conic sections, their properties, and parametric representations; sequences and series; and using vectors to model physical situations. Pre-Calculus is designed to prepare students for the study of calculus, whether taken in high school or at the college setting.</p>
<p>155031 Pre-Calculus Honors Grade Placement: 10 – 12 Prerequisite: Algebra II or Algebra II Honors and Geometry or Geometry Honors Credit: 1 <i>What's Next?</i> AP Calculus BC, Statistics, AP Statistics, or Dual Credit Statistics</p>	<p>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.</p>
<p>155131 Pre-Calculus Dual Credit Grade Placement: 11 – 12 Prerequisite: Algebra II or Algebra II Honors and Geometry or Geometry Honors (and student must be TSI-met) Credit: 1</p>	<p>Students will enroll in MATH 1314 College Algebra during the fall semester of this course and will enroll in MATH 2412 Pre-Calculus during the spring semester of this course. See Collin College catalog for specifics about these two courses at https://www.collin.edu/academics/programs/CoursDes_MATH.html.</p> <p>Note: Students in Dual Credit Statistics will also take MATH 1314 during the fall semester; therefore, students may not enroll in both Dual Credit Pre-calculus and Dual Credit Statistics.</p>
<p>158001 Statistics Grade Placement: 11 – 12 Prerequisite: Algebra I required, Algebra II strongly recommended Credit: 1</p>	<p>Statistics allows students to build upon and apply their critical thinking skills through the analysis of data and data patterns. In this course students take a step away from previous math coursework focused on functional relationships (Algebra I, Algebra II) to broaden their understanding of data analysis and variability. However, students apply algebraic reasoning developed in earlier courses to make sense of statistical processes. Students will become statisticians through the study of sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. This Statistics course lays a strong foundation for students no matter what studies they wish to pursue, whether the sciences or the arts.</p>
<p>158131 Statistics Dual Credit Grade Placement: 11 – 12 Prerequisite: Algebra II or Algebra II Honors (and student must be TSI-met) Credit: 1</p>	<p>Students will enroll in MATH 1314 College Algebra during the fall semester of this course and will enroll in MATH 1342 Elementary Statistical Models during the spring semester of this course. See Collin College catalog for specifics about these two courses at https://www.collin.edu/academics/programs/CoursDes_MATH.html.</p> <p>Note: Students in Dual Credit Pre-calculus will also take MATH 1314 during the fall semester; therefore, students may not enroll in both Dual Credit Statistics and Dual Credit Pre-calculus .</p>
<p>158051 AP Statistics Grade Placement: 11 – 12 Prerequisite: Pre-Calculus or concurrent enrollment in Pre-Calculus</p>	<p>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</p>

Credit: 1	short and long-term projects. This course prepares the student to take the Advanced Placement (AP) Statistics exam.
159151 AP Calculus AB 159251 AP Calculus BC Grade Placement: 11 - 12 Prerequisite: Pre-Calculus or Pre-Calculus Honors Credit: 1	<p>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 1st semester of the course.</p> <p>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.</p> <p>Each course prepares the student to take the corresponding Advanced Placement exam.</p>
159301 Multivariable Calculus Grade Placement: 11 – 12 Prerequisite: AP Calculus BC with a score of 4 or greater on the AP exam, must be TSI met and meet Collin College prerequisites Credits: 1 (elective credit)	<p>This full year dual credit course takes students through two college level mathematics courses: Calculus 3 (Math 2415) is taught during first semester, and Differential Equations (Math 2320) is taught during second semester. Upon completion of both courses, students will earn 7 hours of college credit through Collin College. This Multivariable Calculus course takes the concepts learned in the single variable calculus course and extends them to multiple dimensions. First semester students will learn advanced topics in calculus, including vectors and vector-valued functions, partial differentiation, Lagrange multipliers, multiple integrals, and Jacobians; application of the line integral, including Green's Theorem, the Divergence Theorem, and Stokes' Theorem. Second semester students will study ordinary differential equations and the application of differential equations to real-world problems.</p>
401051 AP Computer Science A Grade Placement: 11 - 12 Prerequisite: Algebra I or a student should be comfortable with functions and the concepts found in the uses of functional notation such as $f(x) = x + 2$ and $f(x) = g(h(x))$. Credits: 2 (Note: 1 of 2 credits will count toward GPA) <i>What's next?</i> Computer Science III Honors	<p>This course serves as an introduction to computers and the study of managing and processing information. Students apply algebraic and logical reasoning acquired in mathematics to develop robust programming solutions. The emphasis is on solving real world problems by means of computer programming (software engineering). Students will thoroughly learn 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. This course prepares students to take the Advanced Placement Computer Science A exam to possibly earn college credit.</p> <p>Successful completion of both semesters of this course will satisfy a mathematics credit in the student's graduation plan if a 4th math credit is needed.</p>
556351 Digital Electronics (PLTW) Grade Placement: 11 – 12 Prerequisite: Algebra I and Geometry is required. Successful completion of PLTW Introduction to Engineering Design or Engineering Science is required. Engineering Science is recommended. Credit: 1 (math credit)	<p>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</p>

this course will receive math credit. This is a Distinguished Level course.

355101 Accounting II Honors

Grade Placement: 12

Prerequisite: Accounting I

Credit: 1 (math credit)

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. Students will have the opportunity to earn the Intuit Quickbooks Certified User certification.

MISCELLANEOUS COURSES

Plano ISD Course No.	Subject	Grade	Credits
951501	Mapping for Academic and Personal Success (MAPS)	9 – 10	.5 – 1
951551	AP Capstone: AP Seminar	10 – 12	1
951601	AVID I	9	1
951701	AVID II	10	1
951801	AVID III	11	1
951901	AVID IV	12	1
952691	Library Aide*	10, 12	0
952791	Office Aide*	10, 12	0
952301	Student Senate (Government & Leadership)	11 – 12	.5 – 1
952391	Student Senate* (year 2)	11 – 12	0
952501	(PAL) Peer Assistance and Leadership	10, 12	1
952503	(PAL) Peer Assistance and Leadership (year 2)	12	1
952491	Academic Decathlon*	11 – 12	0
952601	Peer Assistance for Students with Disabilities	9 – 12	.5 – 2
95303B	College Transitions Dual Credit	9 – 12	.5

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

951501 Mapping for Academic and Personal Success (MAPS)

Grade Placement: 9 – 10

Prerequisite: None

Credit: .5 – 1

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.

951551 AP Capstone: AP Seminar Grade Placement: 10 - 12 Prerequisite: English I Credit: 1 <i>What's next?</i> Capstone: AP Research	AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. This course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Students develop and apply discrete skills identified in the learning of the enduring understandings within the following five big ideas: question and explore; understand and analyze; evaluate multiple perspectives; synthesize ideas; and team, transform, and transmit.
951601 AVID I Grade Placement: 9 Prerequisite: Recommendation, Application, Interview Required Credit: 1 – 1.5	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 one year of AVID will also satisfy the speech requirement for graduation.
951701 AVID II Grade Placement: 10 Prerequisite: AVID I or Recommendation, Application, Interview Required Credit: 1	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. Successful completion of one year of AVID will also satisfy the speech requirement for graduation.
951801 AVID III Grade Placement: 11 Prerequisite: AVID II Credit: 1	
951901 AVID IV Grade Placement: 12 Prerequisite: AVID III Credit: 1	
952691 Library Aide (NO STATE CREDIT, NO GPA) Grade Placement: 10, 12 Prerequisite: Interview/selection Credit: 0	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.
952791 Office Aide (NO STATE CREDIT, NO GPA) Grade Placement: 10, 12 Prerequisite: Interview/selection Credit: 0	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.

952301	Student Senate (Government & Leadership)	<p>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.</p>
952391	Student Senate (Year 2 - NO STATE CREDIT, NO GPA)	
<p>Grade Placement: 11 – 12 Prerequisite: Student body election Credit: 952301: .5 – 1 952391: 0</p>		
952501	(PAL) Peer Assistance and Leadership	<p>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.</p>
952503	(PAL) Peer Assistance and Leadership (Year 2)	
<p>Grade Placement: 10, 12 Prerequisite: Application and Interview Credit: 1</p>		
952491	Academic Decathlon (NO STATE CREDIT, NO GPA)	<p>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.</p> <p>Academic Decathlon Class – If possible, Academic Decathlon coaches and counselors work with students to arrange class schedules to allow participation. Other arrangements are handled on a per campus basis. Students may be enrolled in this course for 2 years.</p>
<p>Grade Placement: 11 – 12 Prerequisite: Approval of instructor Credits: 0</p>		
952601	Peer Assistance for Students with Disabilities	<p>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.</p>
<p>Grade Placement: 9 – 12 Prerequisite: Interview/selection Credit: .5 - 2</p>		
95303B	College Transitions Dual Credit	<p>College Transitions dual credit provides credit for EDUC 1300 Learning Framework at College College and serves as an orientation</p>

Grade Placement: 9 – 12
Prerequisite: Interview/selection
Credit: .5 - 2

to college courses. It is a study of the: research and theory in the psychology of learning, cognition, and motivation; factors that impact learning, and application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned.

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.

Plano ISD Course No.	Subject	Grade	Credits
301701	Lifetime Fitness and Wellness Pursuits	9 – 12	1
301771	Lifetime Fitness and Wellness Pursuits (eSchool)	9 – 12	1
302711	Lifetime Recreation and Outdoor Pursuits	9 – 12	1
302721	Skill-Based Lifetime Activities	9 – 12	1
Campus #	Partners Physical Education	9 – 12	.5 – 4

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.

301701	Lifetime Fitness and Wellness Pursuits	This one year course offers approaches for personal fitness foundations, physical literacy, lifetime wellness and a healthy living style. Students will apply their knowledge and skills for demonstrating mastery of the needed concepts for achieving lifetime wellness. Students will participate in a variety of physical activities that will help them attain personal fitness and lifetime wellness goals.
Grade Placement: 9 – 12 Prerequisite: None Credit: 1		
302711	Lifetime Recreation and Outdoor Pursuits	This full year course provides opportunities for students to develop five or more lifelong recreational and outdoor pursuit competencies for challenge and enjoyment. Students will participate in a variety of activities that promote physical literacy and respect for nature and the environment. Students will be provided opportunities to enhance self-worth and explore community engagement opportunities.
Grade Placement: 9 – 12 Prerequisite: None Credit: 1		
302721	Skill-Based Lifetime Activities	This full year course offers students opportunities to demonstrate mastery in basic sport skills, sports knowledge, and principles of fitness and health. Students will be provided opportunities that promote physical literacy and lifetime wellness. In this course, students will experience a variety of activities that support lifelong participation.
Grade Placement: 9 – 12 Prerequisite: None Credit: 1		
Campus #	Partners Physical Education	Students enrolled in this course assist Special Education Services students in a variety of physical education activities. Students enrolled in this course will be working with special needs students.
Grade Placement: 9 – 12 Prerequisite: Recommendation and approval of counselor Credit: .5 – 4		

READING

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

Plano ISD Course No.	Subject	Grade	Credits
105101	Academic Literacy I	9 – 12	1
105201	Academic Literacy II	10 – 12	1
105301	Academic Literacy III	11 – 12	1
10320B	College Reading Applications	10 – 12	.5

105101 Academic Literacy I

Grade Placement: 9 – 12

Prerequisite: None

Credit: 1

This first year course is designed for students who need additional literacy strategies and skills in order to ensure success in high school and beyond. Academic Literacy I involves practice for students in literacy strategies in the areas of word analysis, vocabulary, reading fluency, written response, and critical thinking, to build success and become proficient readers. 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: 10 – 12

Prerequisite: None

Credit: 1

This second year course for literacy strategies is designed for students who need a further year of additional focused literacy to ensure success in high school and beyond. Academic Literacy II involves additional practice for students in literacy strategies in the areas of word analysis, vocabulary, reading fluency, written response, and critical thinking to build success and become proficient readers. 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: 11 – 12

Prerequisite: None

Credit: 1

This third year course for literacy strategies is designed for students who need an additional year of literacy strategies/skills to ensure passing state standards as well as success beyond high school. Academic Literacy III involves additional practice for students in literacy strategies such as word analysis, vocabulary, reading fluency, written response, and critical thinking to build success and become proficient readers. 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.

SCIENCE

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

Science courses that include dissection as a means of instruction will provide alternate assignments for students who have objections to dissection.

Plano ISD Course No.	Subject	Grade	Credits
201001	Integrated Physics and Chemistry (IPC)	9 – 10	1
204001	Biology	9 – 12	1
204031	Biology Honors	9 – 10	1
204101	Anatomy and Physiology	11 – 12	1
204151	AP Biology (1 AP Biology; 1 Advanced Biology Lab)	11 – 12	2
204231	Dual Credit Biology	11 – 12	1
205001	Chemistry	10 – 12	1
205051	Chemistry (eSchool)	10 – 12	.5 – 1
205031	Chemistry Honors	10 – 12	1
205151	AP Chemistry (1 AP Chemistry; 1 Advanced Chemistry Lab)	11 – 12	2
206001	Physics	11 – 12	1
206171	Physics (eSchool)	11 – 12	.5 – 1
206031	Physics Honors	11 – 12	1
20615Q	AP Physics 1	12	1
20625Q	AP Physics 2	12	1
20635Q	AP Physics C Mechanics	12	1
20645Q	AP Physics C Electricity and Magnetism	12	1
206501	Engineering Design and Problem Solving	12	1
208201	Environmental Systems	11 – 12	1
208251	AP Environmental Science	10 – 12	1
207031	Specialized Topics in Science: Environmental Careers Practicum	12	2
207501	Earth and Space Science	11 – 12	1
208001	Honors Scientific Research and Design 1	9 – 12	1
208131	Honors Scientific Research and Design 2	9 – 12	1
208231	Honors Scientific Research and Design 3	9 – 12	1
552251	Food Science	11 – 12	1
555401	Forensic Science	12	1

<p>201001 Integrated Physics and Chemistry (IPC)</p> <p>Grade Placement: 9 – 10</p> <p>Prerequisite: Science 8 or Biology</p> <p>Credit: 1</p> <p><i>What's Next?</i> 3rd science choice</p>	<p>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 and will emphasize accurate observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials in the laboratory.</p>
<p>204001 Biology (first year)</p> <p>Grade Placement: 9 – 12</p> <p>Prerequisite: Science 8 or Science 8 Honors</p> <p>Credit: 1</p> <p><i>What's Next?</i> Integrated Physics and Chemistry (IPC) or Chemistry</p>	<p>Biology is the study of the structure, growth, and function of the life systems. 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.</p>
<p>204031 Biology Honors (first year)</p> <p>Grade Placement: 9 – 10</p> <p>Prerequisite: Science 8 or Science 8 Honors</p> <p>Credit: 1</p> <p><i>What's Next?</i> Chemistry or Chemistry Honors</p>	<p>The Biology Honors course offers students an in-depth study and observation of living organisms in the environment, 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. Students will complete an independent research project.</p>
<p>204101 Anatomy and Physiology</p> <p>Grade Placement: 11 – 12</p> <p>Prerequisite: Biology and Chemistry</p> <p>Credit: 1</p> <p><i>What's Next?</i> Medical Science or Clinical Rotation or science choice</p>	<p>Anatomy and Physiology is a hands-on survey of the structures and functions of the human body, including investigating the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, energy processes, and reproduction. It includes laboratory investigation and fieldwork using appropriate scientific inquiry</p>
<p>204151 AP Biology (second year)</p> <p>Grade Placement: 11 – 12</p> <p>Prerequisite: Biology and Chemistry</p> <p>Credit: 2 (1 AP Biology and 1 Advanced Biology Lab)</p>	<p>AP Biology is a second year, two-hour course designed to be the equivalent of an introductory college-level course. AP Biology is the study of general biological principles. Eight major units of study include: Chemistry of Life, Cell Structure and Function, Cellular Energetics, Cell Communication and the Cell Cycle, Heredity, Gene Expression and Regulation, Natural Selection, and Ecology. Relationships and applications of concepts within and among the various units are explored. Laboratory investigations are an integral part of the course. This course prepares students for the Biology Advanced Placement exam.</p>
<p>204231 Dual Credit Biology</p> <p>Grade Placement: 11 - 12</p> <p>Prerequisite: Biology and Chemistry, must be TSI-met</p> <p>Credit: 1</p>	<p>Students will enroll in BIOL 1406 Biology for Science Majors I during the fall semester of this course and will enroll in BIOL 1407 Biology for Science Majors II during the spring semester of this course. See Collin College catalog for specifics about these two courses at https://www.collin.edu/academics/programs/CoursDes_BIOL.html.</p>
<p>205001 Chemistry (first year)</p> <p>Grade Placement: 10 – 12</p> <p>Prerequisite: Algebra I plus Biology or IPC</p> <p>Credit: 1</p> <p><i>What's Next?</i> Physics, Physics Honors, AP Biology, Dual Credit Biology, AP Chemistry, or AP Environmental Science</p>	<p>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 laboratory-oriented that stresses communication of data, measurement of chemical quantities, prediction of chemical phenomena, and manipulation of chemical investigations.</p>

<p>205031 Chemistry Honors (first year)</p> <p>Grade Placement: 10 – 12</p> <p>Prerequisite: Algebra I and Biology</p> <p>Credit: 1</p> <p><i>What's Next?</i> Physics, Physics Honors, AP Biology, Dual Credit Biology, AP Chemistry, or AP Environmental Science</p>	<p>The Chemistry Honors course is designed to introduce 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.</p>
<p>205151 AP Chemistry (second year)</p> <p>Grade Placement: 11 – 12</p> <p>Prerequisite: Biology and Chemistry</p> <p>Credit: 2 (1 AP Chemistry and 1 Advanced Chemistry Lab)</p>	<p>AP Chemistry is a second year, two-hour course designed to be the equivalent of an introductory college-level course. The major units of study include: Atomic Structure and Properties, Molecular and Ionic Compound Structure and Properties, Intermolecular Forces and Properties, Chemical Reactions, Kinetics, Thermodynamics, Equilibrium, Acids and Bases, and Application of Thermodynamics. Laboratory investigation is an integral part of the course. This course prepares students to take the Chemistry Advanced Placement exam.</p>
<p>206001 Physics (first year)</p> <p>Grade Placement: 11 – 12</p> <p>Prerequisite: Algebra I and Geometry plus 2 credits of science</p> <p>Credit: 1</p> <p><i>What's Next?</i> AP Physics 1-2, AP Physics C, AP Chemistry, AP Biology, Dual Credit Biology, AP Environmental Science, or 4th year science</p>	<p>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.</p>
<p>206031 Physics Honors (first year)</p> <p>Grade Placement: 11 – 12</p> <p>Prerequisite: 2 credits of science and concurrent enrollment in Algebra II</p> <p>Credit: 1</p> <p><i>What's Next?</i> AP Physics 1-2, AP Physics C, AP Chemistry, AP Biology, Dual Credit Biology, AP Environmental Science, or 4th year science</p>	<p>Physics Honors 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.</p>
<p>20615Q AP Physics 1 (second year)</p> <p>Grade Placement: 12</p> <p>Prerequisite: Physics, Geometry, and Algebra II, or concurrent enrollment in Algebra II or an equivalent course</p> <p>Credit: 1</p>	<p>AP Physics 1 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 AP Physics C Mechanics or AP Physics C Electricity and Magnetism.</p>

<p>20625Q AP Physics 2 (second year)</p> <p>Grade Placement: 12</p> <p>Prerequisite: Physics, Geometry, and Algebra II, or concurrent enrollment in Algebra II or an equivalent course</p> <p>Credit: 1</p>	<p>AP Physics 2 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 AP Physics C Mechanics or AP Physics C Electricity and Magnetism.</p>
<p>20635Q AP Physics C Mechanics (second year)</p> <p>Grade Placement: 12</p> <p>Prerequisite: Physics and AP Calculus, or concurrent enrollment in AP Calculus</p> <p>Credit: 1</p>	<p>AP Physics C Mechanics 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 AP Physics 1 or AP Physics 2</p>
<p>20645Q AP Physics C Electricity and Magnetism (second year)</p> <p>Grade Placement: 12</p> <p>Prerequisite: Physics and AP Calculus, or concurrent enrollment in AP Calculus</p> <p>Credit: 1</p>	<p>AP Physics C Electricity and Magnetism 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 the Electricity and Magnetism Advanced Placement C exam. Students who have completed this course, may not enroll in either AP Physics 1 or AP Physics 2.</p>
<p>206501 Engineering Design and Problem Solving</p> <p>Grade Placement: 12</p> <p>Prerequisite: Geometry and Algebra II plus Biology, IPC or Chemistry</p> <p>Credit: 1 (3rd or 4th science credit)</p>	<p>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. Successful completion of both semesters of this course will satisfy a science credit.</p>
<p>208201 Environmental Systems</p> <p>Grade Placement: 11 – 12</p> <p>Prerequisite: Biology plus IPC or Chemistry</p> <p>Credit: 1</p>	<p>The Environmental Systems course focuses 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.</p>

208251 AP Environmental Science Grade Placement: 10 – 12 Prerequisite: Algebra I, Biology and Chemistry Credit: 1 <i>What's Next?</i> Physics, Physics Honors, AP Biology, Dual Credit Biology, AP Chemistry, or 4 th year science	The AP Environmental Science course provides students with scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The nine major units of study include: Ecosystems, Biodiversity, Populations, Earth Systems and Resources, Land and Water Use, Energy Resources and Consumption, Atmospheric Pollution, Aquatic and Terrestrial Pollution, and Global Change. This course prepares the student to take the Advanced Placement exam.
207031 Specialized Topics in Science: Environmental Careers Practicum Grade Placement: 12 Prerequisite: Biology, Chemistry, and a 3rd year science course Credit: 2 Grade Placement: 12	This is a two-hour course that will introduce students interested in an environmentally related career to a variety of experiences to help guide them in choosing college degrees and careers and to expose students to real employment conditions and the work skills needed to succeed in those job positions.
207501 Earth and Space Science Grade Placement: 11 – 12 Prerequisite: Biology plus IPC or Chemistry Credit: 1	Earth and Space Science will study natural and human events and their effects on Earth's systems. The course examines three themes including origins, which focuses on the universe, solar system and Earth in relation to each other. The second theme is energy, which examines energy within the universe, and focuses on the energy from the Earth, the water on Earth and energy from the sun. The final theme is looking at the impact of plate tectonics on the Earth.
208001 Honors Scientific Research and Design 1 Grade Placement: 9 – 12 Prerequisite: Concurrent enrollment in an advanced level science course and approval of instructor through application. Credit: 1	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. Students in this course may not concurrently enroll in Honors Scientific Research and Design 2 or 3. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
208131 Honors Scientific Research and Design 2 Grade Placement: 9 – 12 Prerequisite: Honors Scientific Research and Design 1, concurrent enrollment in an advanced level science course, and approval of instructor through application. Credit: 1	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. Students in this course may not concurrently enroll in Honors Scientific Research and Design 1 or 3. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.

208231 Honors Scientific Research and Design 3 Grade Placement: 9 – 12 Prerequisite: Honors Scientific Research and Design 1, Honors Scientific Research and Design 2, concurrent enrollment in an advanced level science course, and approval of instructor through application. Credit: 1	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. Students in this course may not concurrently enroll in Honors Scientific Research and Design 1 or 2. *Students enrolling in Biology Dual Credit as seniors can only have two credit
552251 Food Science Grade Placement: 11 – 12 Prerequisite: Biology plus IPC or Chemistry Credit: 1 (3 rd or 4 th science credit) <i>What's next?</i> Culinary Arts	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.
555401 Forensic Science Grade Placement: 12 Prerequisite: Biology plus IPC or Chemistry, and Law Enforcement I Credit: 1 (3 rd or 4 th science credit)	This course uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, and homicide. Students will learn terminology and investigative procedures related to crime scene, interviewing, criminal behavior characteristics, and scientific procedures used to solve crimes. Using scientific methods, students will perform fingerprint analysis, ballistics, hair and fiber analysis, DNA profiling, forensic toxicology, forensic entomology, 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. Successful completion of both semesters of this course will satisfy a science credit.
556201 Engineering Science (PLTW) Grade Placement: 10 – 12 Prerequisite: Geometry or concurrent enrollment required; Chemistry or concurrent enrollment required; Successful completion of Introduction to Engineering Design (IED) is recommended. Credit: 1 (science credit)	This Project Lead The Way applied the principles of physics to various technology systems and manufacturing processes which 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 programs for robotics and machine control. Successful completion of both semesters of this course will receive science credit. This is a Distinguished Level course.

SOCIAL STUDIES

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

Plano ISD Course No.	Subject	Grade	Credits
253001	World Geography	9 – 12	1
253171	World Geography (eSchool)	9 – 12	.5 – 1
253031	World Geography Honors	9 – 10	1
253251	AP Human Geography	9 – 10	1
252001	World History	9 – 12	1
252171	World History (eSchool)	9 – 12	1
252031	World History Honors	9 – 10	1
252151	AP World History	10	1
101041	Humanities I English I GT (English I Honors)	9	1
252041	Humanities II AP World History GT (AP World History)	10	1
25220B	Contemporary World Issues	11 – 12	.5
251001	United States History	11 – 12	1
251171	United States History (eSchool)	11 – 12	.5 – 1
251051	AP United States History	11 – 12	1
251131	United States History Dual Credit	11 – 12	1
S14251	American Studies	11	2
S25425	American Principles	12	1
25400B	United States Government	11 – 12	.5
25417B	United States Government (eSchool)	11 – 12	.5
25423B	United States Government Dual Credit	11 – 12	.5
25417B	United States Government (Blended Course)	11 – 12	.5
25405B	AP United States Government – Government and Politics	11 – 12	.5
25415B	AP Government – Comparative	11 – 12	.5
25500B	Economics, with Emphasis on the Free Enterprise System and its Benefits	11 – 12	.5

Plano ISD Course No.	Subject	Grade	Credits
25900B	Personal Financial Literacy and Economics (See information regarding N.C.A.A. credit.)	11 – 12	.5
25517B	Economics, with Emphasis on the Free Enterprise System and its Benefits (eSchool)	11 – 12	.5
25517B	Economics, with Emphasis on the Free Enterprise System and its Benefits (Blended Course)	11 – 12	.5
25505B	AP Economics, with Emphasis on the Free Enterprise System and its Benefits (MACRO)	11 – 12	.5
25525B	AP Economics, with Emphasis on the Free Enterprise System and its Benefits (MICRO)	11 – 12	.5
25533B	Economics, with Emphasis on the Free Enterprise System and its Benefits (MACRO) Dual Credit	11 – 12	.5
256101	African American Studies	11 – 12	1
256201	Mexican American Studies	11 – 12	1
25700B	Psychology	11 – 12	.5
25707B	Psychology (eSchool)	11 – 12	.5
25705B	AP Psychology	11 – 12	.5
25800B	Sociology	11 – 12	.5
25803B	Sociology Honors	11 – 12	.5
256051	AP European History	10 – 12	1
25910B	Special Topics in Social Studies: 20 th Century World History	10	.5
95200B	Personal Financial Literacy (eSchool)	10 – 12	.5

253001 World Geography

Grade Placement: 9 – 12

Prerequisite: Successful Completion of 8th Grade Social Studies

Credit: 1

What's Next? World History, World History Honors, AP World History

This course examines people, places, and environments at different scales from a spatial perspective. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers on social, historical, environmental, and economic and political geography. Students analyze the world through the exercise of map, reading, and critical thinking skills.

253031 World Geography Honors

Grade Placement: 9 – 10

Prerequisite: Successful Completion of 8th Grade Social Studies

Credit: 1

What's Next? World History, World History Honors, AP World History

Honors World Geography encompasses all of World Geography and increases the depth and complexity of the topics studied. Students examine the interrelationship between people, places, and environments at different scales through independent and collaborative exercises. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. The course centers on social, historical, environmental, and economic and political geography. 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 AP Human Geography

Grade Placement: 9 – 10

Prerequisite: Successful Completion of 8th Grade Social Studies

Credit: 1

What's next? AP World History

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 requirement for graduation. If a student has earned a credit in World Geography, enrollment in the AP Human Geography course will not count as a credit.

252001 World History

Grade Placement: 9 – 12

Prerequisite: None

Credit: 1

What's next? US History, AP US History, or US History Dual Credit

This course is a survey of world history and focuses on concepts and skills that apply to various eras, events, and people. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Students evaluate the causes and effects of political, economic, geographic, and cultural interactions over time. Students will discover connections between the past and contemporary society.

252031 World History Honors

Grade Placement: 9 – 10

Prerequisite: None

Credit: 1

What's next? US History, AP US History, or US History Dual Credit

Honors World History encompasses all of World History and increases the depth and complexity of the topics studied. The course includes an emphasis on the development of civilizations from ancient times to the present. The students will use primary source materials extensively. In addition, research, critical thinking, and writing skills will be developed through creative student driven activities.

252151 AP World History

Grade Placement: 10

Prerequisite: None

Credit: 1

What's next? US History, AP US History, or US History Dual Credit

This course may be taken to fulfill the World History requirement for graduation. This course focuses primarily on the past 1,500 years of the global experience. It emphasizes the empires of China, South Asia, and Mesoamerica; the expansion of Islam; the period of new political systems in Africa and Europe; and social, cultural, economic, and technological 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 or World History H/IH, enrollment in AP World History course will not count as a credit.

101041 Humanities I English I GT (English I Honors)

Grade Placement: 9

Prerequisite: Identification / Selection as Gifted

Credit: 1

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

Grade Placement: 10

Prerequisite: Identification / Selection as Gifted

Credit: 1

What's next? American Studies; Advanced Placement courses

Humanities I English I GT and Humanities II AP World History 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.**

25220B Contemporary World Issues Grade Placement: 11 – 12 Prerequisite: None Credit: .5	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.
251001 United States History Grade Placement: 11 – 12 Prerequisite: Cannot be taken until after 10th grade Credit: 1 <i>What's next?</i> Government, Economics, AP Government, AP Economics, Dual Credit Economics, or Dual Credit Government	Historical content in this course focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic agendas, foreign policies, and reform movements, including civil rights. Additional themes include geography, diplomacy and cultural reactions to major events from 1877 to modern times. Students use critical-thinking skills with a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context.
251051 AP United States History Grade Placement: 11 – 12 Prerequisite: Cannot be taken until after 10th grade Credit: 1 <i>What's next?</i> AP Government , AP Economics, Dual Credit Economics, or Dual Credit Government	This course explores United States 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. Students will read and analyze primary source documents, scholarly works, and historical research. 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.
251131 US History Dual Credit Grade Placement: 11 – 12 Prerequisite: Cannot be taken until after 10th grade, must be TSI met Credit: 1 <i>What's next?</i> AP Government , AP Economics, Dual Credit Economics, or Dual Credit Government	Students will enroll in HIST 1301 (United States History I) in the fall semester and HIST 1302 (United States History II) in the spring semester for this year long course. See Collin College catalog for specifics about this course at https://www.collin.edu/academics/programs/CoursDes_HIST.html .
S14251 American Studies (AP English III Language and Composition and AP US History) Grade Placement: 11 Prerequisite: G/T Identification or World History AP recommended Credit: 2 <i>What's next?</i> American Principles or 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 AP English III 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 possibly earn college credit.
S25425 American Principles (AP Economics and AP Government)	American Principles is the senior year offering for students receiving gifted services and/or high achieving students seeking an integrated learning experience. This course combines AP

<p>Grade Placement: 12 Prerequisite: G/T Identification or American Studies recommended Credit: 1</p>	<p>Economics, AP Government, and the Humanities. Although the first semester will focus on Government and the second semester on Economics, both subject areas will be referred to throughout the year. The elements of the Humanities will be considered as both a citizenry's response to, and a catalyst for, governmental and economic decisions and public policy. Students may choose to sit for both the AP Economics and the AP Government exams at the end of the course.</p>
<p>25400B United States Government</p> <p>Grade Placement: 11 – 12 Prerequisite: U.S. History or concurrent enrollment in U.S. History Credit: .5</p>	<p>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.</p>
<p>25423B Government Dual Credit</p> <p>Grade Placement: 11 – 12 Prerequisite: U.S. History or concurrent enrollment in U.S. History, must be TSI met Credit: .5</p>	<p>Students will enroll in GOVT 2305 (Federal Government) as part of this semester-long course. See Collin College catalog for specifics about this course at https://www.collin.edu/academics/programs/CoursDes_HIST.html.</p>
<p>25417B United States Government (Blended Course)</p> <p>Grade Placement: 11 – 12 Prerequisite: U.S. History or concurrent enrollment in U.S. History Credit: .5</p>	<p>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.</p>
<p>25405B AP United States Government – Politics</p> <p>Grade Placement: 11 – 12 Prerequisite: U.S. History or concurrent enrollment in U.S. History</p>	<p>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</p>

<p>Credit: .5</p>	<p>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.</p>
<p>25415B AP Comparative Government</p> <p>Grade Placement: 11 – 12</p> <p>Prerequisite: U.S. History or concurrent enrollment in U.S. History</p> <p>Credit: .5</p>	<p>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.</p>
<p>25500B Economics, with Emphasis on the Free Enterprise System and Its Benefits</p> <p>Grade Placement: 11 – 12</p> <p>Prerequisite: U.S. History or concurrent enrollment in U.S. History</p> <p>Credit: .5</p>	<p>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.</p>
<p>25900B Personal Financial Literacy and Economics</p> <p>Grade Placement: 11 – 12</p> <p>Prerequisite: U.S. History or concurrent enrollment in U.S. History</p> <p>Credit: .5</p>	<p>The Personal Financial Literacy and Economics Course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and address financial challenges as these challenges occur over their lifetime. In addition, students are introduced to common economic and personal financial planning terms and concepts. Through their studies in this combined Personal Financial Literacy and Economics course, students will gain the ability to lead productive and financially self-sufficient lives. (This course fulfills the State of Texas graduation requirement for Economics, but is not currently approved by the N.C.A.A.)</p>
<p>25517B Economics, with Emphasis on the Free Enterprise System and Its Benefits (Blended Course)</p> <p>Grade Placement: 11 – 12</p> <p>Prerequisite: U.S. History or concurrent enrollment in U.S. History</p> <p>Credit: .5</p>	<p>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.</p>

25505B	AP Economics, with Emphasis on the Free Enterprise System and Its Benefits (MACRO)	<p>AP Macroeconomics</p> <p>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.</p>
25525B	AP Economics, with Emphasis on the Free Enterprise System and Its Benefits (MICRO)	<p>AP Microeconomics</p> <p>This course is designed to give students an understanding of the principles of economics that apply to the functions of individual decision-makers, both consumers and producers, within the economic system. The content will include analysis of economic concepts; nature and function of product markets; factor markets, market failure and the role of government. 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.</p>
<p>Grade Placement: 11 – 12</p> <p>Prerequisite: U.S. History or concurrent enrollment in U.S. History</p> <p>Credit: .5</p>		
25533B	Economics Dual Credit	<p>Students will enroll in ECON 2301 (Principles of Macroeconomics) as part of this semester-long course. See Collin College catalog for specifics about this course at https://www.collin.edu/academics/programs/CoursDes_ECON.html.</p>
<p>Grade Placement: 11 – 12</p> <p>Prerequisite: U.S. History or concurrent enrollment in U.S. History, must be TSI met</p> <p>Credit: .5</p>		
256101	African American Studies	<p>In African American Studies, students will be introduced to the rich and diverse history and culture of African Americans in a way that helps students make connections to contemporary and current issues that impact the world around them. Students will have opportunities to interact with relevant film, literature, art, and other media, which enriches the content of the course.</p>
<p>Grade Placement: 11 - 12</p> <p>Prerequisite: none</p> <p>Credit: 1</p>		
256201	Mexican American Studies	<p>In Mexican American Studies, students learn about the history and cultural contributions of Mexican Americans. Students will explore history and culture from an interdisciplinary perspective. Students will have opportunities to interact with relevant film, literature, art, and other media that enriches the content of the course.</p>
<p>Grade Placement: 11 - 12</p> <p>Prerequisite: None</p> <p>Credit: 1</p>		
25700B	Psychology	<p>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.</p>
<p>Grade Placement: 11 – 12</p> <p>Prerequisite: None</p> <p>Credit: .5</p>		
25705B	AP Psychology	<p>AP Psychology 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 AP Psychology and be awarded state elective credit for each course.</p>
<p>Grade Placement: 11 – 12</p> <p>Prerequisite: None</p> <p>Credit: .5</p>		
25800B	Sociology	

<p>Grade Placement: 11 – 12 Prerequisite: None Credit: .5</p>	<p>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.</p>
<p>25803B Sociology Honors Grade Placement: 11 – 12 Prerequisite: None Credit: .5</p>	<p>Sociology Honors will extensively explore the nature of social life and human interaction and increase the depth and complexity of topics studied in Sociology. 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.</p>
<p>256051 AP European History Grade Placement: 10 – 12 Prerequisite: World History or concurrent enrollment Credit: 1</p>	<p>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.</p>
<p>25910B Special Topics in Social Studies: 20th Century World History Grade Placement: 10 Prerequisite: None Credit: .5 (elective credit)</p>	<p>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.</p>

SPEECH

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

Plano ISD Course No.	Subject	Grade	Credits
45350B	Professional Communications	9 – 12	.5
45354B	Professional Communications (eSchool)	9 – 12	.5
10685D	Speech Dual Credit	9 – 12	.5
45250B	Visual Media & Analysis Production	11 – 12	.5
451601	Debate I	9 – 12	1
452601	Debate II	10 – 12	1
453601	Debate III	11 – 12	1
453631	Debate III Honors	11 – 12	1
451701	Oral Interpretation I	9 – 12	1
452701	Oral Interpretation II	10 – 12	1
453701	Oral Interpretation III	11 – 12	1
453731	Oral Interpretation III Honors	11 – 12	1
454731	Independent Study in Speech Honors	11 – 12	1

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.**

10685D Speech Dual Credit

Grade Placement: 9 – 12

Prerequisite: Must be TSI met in reading and writing

Credit: .5

What's Next? Any Speech elective

Speech dual credit provides credit for SPCH 1311 from Collin College. It introduces basic human communication principles and theories embedded in a variety of contexts including interpersonal, small group, and public speaking.

45250B Visual Media & Analysis Production

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 <i>What's next?</i> 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 <i>What's next?</i> 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 <i>What's next?</i> Oral Interpretation II	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.
452701 Oral Interpretation II Grade Placement: 10 – 12 Prerequisite: Oral Interpretation I Credit: 1 <i>What's next?</i> Oral Interpretation III	
453701 Oral Interpretation III Grade Placement: 11 – 12 Prerequisite: Oral Interpretation II Credit: 1	

453731 Oral Interpretation III Honors

Grade Placement: 11 – 12

Prerequisite: Oral Interpretation II, audition and application may be required

Credit: 1

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.

454731 Independent Study in Speech Honors

Grade Placement: 11 – 12

Prerequisite: Oral Interpretation or Debate, audition and application may be required

Credit: 1

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.

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. Plano ISD CTE: <https://www.pisd.edu/cte>

Plano ISD offers CTE courses in the following Career Clusters that will fulfill the criteria for several endorsement:

- | | |
|--|--|
| ▪ Agriculture, Food and Natural Resources | ▪ Hospitality and Tourism |
| ▪ Architecture and Construction | ▪ Human Services |
| ▪ Arts, Audio/Visual Technology and Communications | ▪ Information Technology |
| ▪ Business, Marketing and Finance | ▪ Law and Public Service |
| ▪ Education and Training | ▪ Science, Technology, Engineering and Mathematics |
| ▪ Health Science | ▪ Transportation, Distribution and Logistics |

Each Career Cluster provides a variety of programs of study:

Programs of study will provide students with a course sequence that ties to an endorsement and offers a strong vertical alignment between secondary and postsecondary education. The suggested course pathways are intended to provide guidance to students seeking college and career readiness through course content and industry based certifications.



For more information on programs of study, please see the program of study at a glance document on the following pages or visit www.pisd.edu/cte-programs-of-study for full course descriptions.

The CTE programs of study, graduation requirements and endorsements can be found in the [Career and Technical Education Course Catalog](#).

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 Health Science Theory 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 Honors
- AP Computer Science A
- 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.

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 & TECHNICAL EDUCATION

Courses below are not tied to grade levels. Not all courses have a required prerequisite. Courses listed in *italics* have been added for local purpose.

LEVEL 1		LEVEL 2
AGRICULTURE, FOOD, AND NATURAL RESOURCES		
AGRIBUSINESS	Principles of Agriculture, Food, and Natural Resources	Professional Standards in Agribusiness
ANIMAL SCIENCE	Principles of Agriculture, Food, and Natural Resources	Small Animal Management
APPLIED AGRICULTURAL ENGINEERING	Principles of Agriculture, Food, and Natural Resources	<i>Professional Communications</i> <i>Professional Standards in Agribusiness</i>
ENVIRONMENTAL AND NATURAL RESOURCES	Principles of Agriculture, Food, and Natural Resources	Wildlife, Fisheries, and Ecology Management *, **
PLANT SCIENCE	Principles of Agriculture, Food, and Natural Resources	Landscape Design and Management
ARCHITECTURE AND CONSTRUCTION		
ARCHITECTURAL DESIGN	<i>Professional Communications</i>	<i>Digital Media</i>
ARTS, AUDIO VIDEO TECHNOLOGY, AND COMMUNICATIONS		
GRAPHIC DESIGN AND MULTIMEDIA ARTS	Principles of Arts, A/V Technology and Communications Video Game Design	Digital Media
DIGITAL COMMUNICATIONS	Principles of Arts, A/V Technology, and Communications	Professional Communications
BUSINESS, MARKETING, AND FINANCE		
ACCOUNTING AND FINANCIAL SERVICES	Principles of Business, Marketing, and Finance	Business Information Management (BIM) *
BUSINESS MANAGEMENT	Principles of Business, Marketing, and Finance	Business Information Management (BIM) * Virtual Business
ENTREPRENEURSHIP	Principles of Business, Marketing, and Finance	Business Information Management (BIM) *
MARKETING AND SALES	Principles of Business, Marketing, and Finance	Virtual Business
EDUCATION AND TRAINING		
EARLY LEARNING	Principles of Human Services	Child Development
TEACHING AND TRAINING	Principles of Human Services	Child Development

FOR MORE INFORMATION, VISIT OUR WEBSITE: www.pisd.edu/cte-programs-of-study



PROGRAMS OF STUDY - AT A GLANCE

Industry Based Certifications listed in **bold** count towards College, Career, and Military Readiness; those listed in *italics* have been added for local purpose only.

LEVEL 3		LEVEL 4		INDUSTRY BASED CERTIFICATIONS <i>(subject to change)</i>	
AGRICULTURE, FOOD, AND NATURAL RESOURCES					
Professional Communications	Career Preparation I and Extended Career Preparation Practicum in Agriculture, Food, and Natural Resources				
Equine Science Livestock Production Veterinary Medical Applications	Honors Scientific Research and Design Practicum in Agriculture, Food, and Natural Resources *, **	* Certified Veterinary Assistant Level 1 ** <i>Hill's Pet Nutrition</i>			
Agricultural Mechanics and Metal Technologies	Agricultural Structures Design and Fabrication * Honors Scientific Research and Design Practicum in Agriculture, Food, and Natural Resources	* American Welding Society			
Honors Scientific Research and Design	Practicum in Agriculture, Food, and Natural Resources	* <i>Texas Boater Education</i> ** <i>Texas Hunter Education</i>			
Floral Design *, ** Horticultural Science	Advanced Floral Design + Honors Scientific Research and Design Practicum in Agriculture, Food, and Natural Resources +	* Texas State Florists' Association Knowledge Based ** Texas State Florists' Association Level 1 + Texas State Florists' Association Level 2			
ARCHITECTURE AND CONSTRUCTION					
Architectural Design I * Interior Design I	Architectural Design II ** Career Preparation I and Extended Career Preparation	* Autodesk Certified User in AutoCAD ** Autodesk Certified User in Revit Architecture			
ARTS, AUDIO VIDEO TECHNOLOGY, AND COMMUNICATIONS					
Fashion Design I Graphic Design and Illustration I *	Career Preparation I and Extended Career Preparation Fashion Design II/Lab Graphic Design and Illustration II/Lab *	* Adobe Certified Professional Illustrator/Photoshop/InDesign			
Audio Video Production I *	Audio Video Production II/Lab *	* Adobe Certified Professional Premiere Pro			
BUSINESS, MARKETING, AND FINANCE					
Accounting I	Accounting II Honors ** Career Preparation I and Extended Career Preparation	* Microsoft Office Specialist (MOS) ** Intuit Quickbooks Certified User			
Business Law Global Business	Career Preparation I and Extended Career Preparation	* Microsoft Office Specialist (MOS)			
Entrepreneurship **	Career Preparation I and Extended Career Preparation	* Microsoft Office Specialist (MOS) ** Entrepreneurship and Small Business			
Fashion Marketing Social Media Marketing * Sports and Entertainment Marketing	Career Preparation I and Extended Career Preparation	* Stukent Social Media Marketing			
EDUCATION AND TRAINING					
Interpersonal Studies Professional Communications	Career Preparation I and Extended Career Preparation				
Instructional Practices (Intro to Teaching)	Career Preparation I and Extended Career Preparation Practicum in Education and Training *	* Educational Aide I			

ENDORSEMENTS:



ARTS & HUMANITIES



BUSINESS & INDUSTRY



MULTI-DISCIPLINARY



PUBLIC SERVICE



STEM

CAREER & TECHNICAL EDUCATION

Courses below are not tied to grade levels. Not all courses have a required prerequisite. Courses listed in *italics* have been added for local purpose.




















PROGRAM OF STUDY	LEVEL 1	LEVEL 2
HEALTH SCIENCE		
HEALTH INFORMATICS	Principles of Health Science	Medical Terminology
HEALTHCARE DIAGNOSTICS	Principles of Health Science	Health Science Theory * Medical Terminology
HEALTHCARE THERAPEUTIC	Principles of Health Science	Health Science Theory * Medical Terminology
MEDICAL THERAPY	Principles of Health Science	Health Science Theory * Medical Terminology
NURSING SCIENCE	Principles of Health Science	Medical Terminology
HOSPITALITY AND TOURISM		
CULINARY ARTS	Principles of Hospitality and Tourism	Introduction to Culinary Arts
TRAVEL, TOURISM, AND ATTRACTIONS	Principles of Hospitality and Tourism	<i>Professional Communications</i>
HUMAN SERVICES		
FAMILY AND COMMUNITY SERVICES	Principles of Human Services Professional Communications	Child Development Dollars and Sense Lifetime Nutrition and Wellness
HEALTH AND WELLNESS	Principles of Human Services	Lifetime Nutrition and Wellness
INFORMATION TECHNOLOGY		
NETWORKING SYSTEMS	Computer Science I Principles of Information Technology	AP Computer Science Principles
WEB DEVELOPMENT	Principles of Information Technology	Computer Science I
LAW AND PUBLIC SERVICE		
LAW ENFORCEMENT	<i>Professional Communications</i>	<i>Business Information Management (BIM) *</i>
SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS		
CYBERSECURITY	Computer Science I Principles of Information Technology	AP Computer Science Principles
ENGINEERING	Introduction to Engineering Design (PLTW)	Engineering Science (PLTW)
PROGRAMMING AND SOFTWARE DEVELOPMENT	Computer Science I	AP Computer Science Principles
TRANSPORTATION, DISTRIBUTION, AND LOGISTICS		
AUTOMOTIVE	<i>Professional Communications</i>	<i>Business Information Management (BIM) *</i>

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PROGRAMS OF STUDY - AT A GLANCE

Industry Based Certifications listed in **bold** count towards College, Career, and Military Readiness; those listed in *italics* have been added for local purpose only.

LEVEL 3	LEVEL 4	INDUSTRY BASED CERTIFICATIONS <i>(subject to change)</i>	
HEALTH SCIENCE			
Business Information Management (BIM) *	World Health Research	* Microsoft Office Specialist (MOS)	 
Anatomy and Physiology Practicum in Health Science I (Clinical Rotation I) **	Practicum in Health Science II (Clinical Rotation II) +, ++	* American Heart Association First Aid and CPR	 
Anatomy and Physiology Practicum in Health Science I (Clinical Rotation I) **	Pharmacology ++ Practicum in Health Science II (Clinical Rotation II) +, ++	** American Heart Association Healthcare Provider CPR + Patient Care Technician	 
Practicum in Health Science I (Clinical Rotation I) **	Practicum in Health Science II (Clinical Rotation II) +, ++	++ Pharmacy Technician	 
Anatomy and Physiology	Pharmacology ++	++ Pharmacy Technician	 
HOSPITALITY AND TOURISM			
Culinary Arts *	Career Preparation I and Extended Career Preparation Food Science Practicum in Culinary Arts **	* Texas Food Handlers ** ServSafe Manager	
Entrepreneurship + Global Business Sports and Entertainment Marketing	Career Preparation I and Extended Career Preparation	+ Entrepreneurship and Small Business	
HUMAN SERVICES			
Interpersonal Studies	Career Preparation I and Extended Career Preparation		
Interpersonal Studies	Career Preparation I and Extended Career Preparation		
INFORMATION TECHNOLOGY			
Internetworking Technologies I	Career Preparation I and Extended Career Preparation Internetworking Technologies II		 
Web Design	Career Preparation I and Extended Career Preparation		 
LAW AND PUBLIC SERVICE			
Principles of Law, Public Safety, Corrections, and Security Law Enforcement I **	Forensic Science Law Enforcement II	* Microsoft Office Specialist (MOS) ** Non-Commissioned Security Officer Level II	
SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS			
AP Computer Science A Internetworking Technologies I	Internetworking Technologies II		 
Aerospace Engineering (PLTW) Digital Electronics (PLTW)	Engineering Design and Development (PLTW) Honors Scientific Research and Design		 
Computer Science II AP Computer Science A	Career Preparation I and Extended Career Preparation Computer Science III Honors *	* Oracle Certified Associate, Java SE 8 Programmer	 
TRANSPORTATION, DISTRIBUTION, AND LOGISTICS			
Automotive Technology I: Maintenance and Light Repair + Collision Repair +	Automotive Technology II: Automotive Service + Career Preparation I and Extended Career Preparation Paint and Refinishing +	* Microsoft Office Specialist (MOS) + Automotive Service Excellence	

ENDORSEMENTS:



ARTS & HUMANITIES



BUSINESS & INDUSTRY



MULTI-DISCIPLINARY



PUBLIC SERVICE



STEM

AGRICULTURE, FOOD, AND NATURAL RESOURCES

Program of Study: Agribusiness

Course Info	Course Name	Course Description
55170Q SEMESTER Credit: 1.0	Principles of Agriculture, Food, and Natural Resources Grades: 9-10 Prerequisite: None CTSO: FFA	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.
55195B SEMESTER Credit: 0.5	Professional Standards in Agribusiness Grades: 9-12 Prerequisite: None CTSO: FFA	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.
45350B SEMESTER Credit: 0.5 (speech credit)	Professional Communications Grades: 9-12 Prerequisite: None	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.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.
552901 FULL YEAR Credit: 2.0	Practicum in Agriculture, Food, and Natural Resources Grades: 12 Prerequisite: Minimum of one credit (may not be Professional Communications or Career Preparation I and Extended Career Preparation) within the Agribusiness program of study CTSO: FFA	This course prepares students for careers in agriculture, food, and natural resource fields. It is delivered through classroom-based instruction and internship, job shadowing, and/or employment arrangements with local businesses. This is an Honors Level course. Students are required to provide their own transportation. Students may be required to pay a fee to participate.

Program of Study: Animal Science

Course Info	Course Name	Course Description
55170Q SEMESTER Credit: 1.0	Principles of Agriculture, Food, and Natural Resources Grades: 9-10 Prerequisite: None CTSO: FFA	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.
55105B SEMESTER Credit: 0.5	Small Animal Management Grades: 9-10 Prerequisite: Principles of Agriculture, Food, and Natural Resources is recommended CTSO: FFA	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.
55130Q SEMESTER Credit: 1.0	Livestock Production Grades: 9-12 Prerequisite: None CTSO: FFA	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.
55145B SEMESTER Credit: 0.5	Equine Science Grades: 11-12 Prerequisite: None CTSO: FFA	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.
552801 FULL YEAR Credit: 1.0	Veterinary Medical Applications Grades: 11-12 Prerequisite: Equine Science, Livestock Production, or Small Animal Management CTSO: FFA	This course provides instruction for students interested in a career in Veterinary Medicine and focuses on developing the skills and competencies needed to be successful in today's industry. Instruction and laboratories include a wide variety of topics from anatomy and physiology to zoonotic diseases of domesticated companion animals and livestock.
208001 FULL YEAR Credit: 1.0 (science credit)	Honors Scientific Research and Design 1 Grades: 9-12 Prerequisite: Concurrent enrollment in an advanced level science course and approval of instructor through application	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. Students in this course may not concurrently enroll in Honors Scientific Research and Design 2 or 3. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.

Course Info	Course Name	Course Description
208131 FULL YEAR Credit: 1.0 (science credit)	<i>Honors Scientific Research and Design 2</i> Grades: 9-12 Prerequisite: Honors Scientific Research and Design 1, concurrent enrollment in an advanced level science course, and approval of instructor through application	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. Students in this course may not concurrently enroll in any other Honors Scientific Research and Design course. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
208231 FULL YEAR Credit: 1.0 (science credit)	<i>Honors Scientific Research and Design 3</i> Grades: 9-12 Prerequisite: Honors Scientific Research and Design 1, Honors Scientific Research and Design 2, concurrent enrollment in an advanced level science course, and approval of instructor through application	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. Students in this course may not concurrently enroll in any other Honors Scientific Research and Design course. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
552901 FULL YEAR Credit: 2.0	Practicum in Agriculture, Food, and Natural Resources Grades: 12 Prerequisite: Minimum of one credit (may not be Honors Scientific Research and Design 1, 2 or 3) within the Animal Science program of study Certification: Certified Veterinary Assistant Level 1, <i>Hill's Pet Nutrition</i> CTSO: FFA	This course prepares students for careers in agriculture, food, and natural resource fields. It is delivered through classroom-based instruction and internship, job shadowing, and/or employment arrangements with local businesses. This is an Honors Level course. Students are required to provide their own transportation. Students may be required to pay a fee to participate.

Program of Study: Applied Agricultural Engineering

Course Info	Course Name	Course Description
55170Q SEMESTER Credit: 1.0	Principles of Agriculture, Food, and Natural Resources Grades: 9-10 Prerequisite: None CTSO: FFA	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.

Course Info	Course Name	Course Description
45350B SEMESTER Credit: 0.5 (speech credit)	Professional Communications Grades: 9-12 Prerequisite: None	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.
55195B SEMESTER Credit: 0.5	Professional Standards in Agribusiness Grades: 9-12 Prerequisite: None CTSO: FFA	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.
55250Q SEMESTER Credit: 1.0	Agricultural Mechanics and Metal Technologies Grades: 11-12 Prerequisite: None CTSO: FFA	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 while continuing to develop knowledge about career opportunities, entry requirements, and industry expectations.
552521 FULL YEAR 2 HR BLOCK Credit: 2.0	Agricultural Structures and Design Fabrication Grades: 12 Prerequisite: Agricultural Mechanics and Metal Technologies Certification: American Welding Society CTSO: FFA	In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations while gaining knowledge about topics such as welding, facilities design and fabrication, electrical systems, and agricultural structures.
208001 FULL YEAR Credit: 1.0 (science credit)	Honors Scientific Research and Design 1 Grades: 9-12 Prerequisite: Concurrent enrollment in an advanced level science course and approval of instructor through application	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. Students in this course may not concurrently enroll in Honors Scientific Research and Design 2 or 3. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.

Course Info	Course Name	Course Description
208131 FULL YEAR Credit: 1.0 (science credit)	<i>Honors Scientific Research and Design 2</i> Grades: 9-12 Prerequisite: Honors Scientific Research and Design 1, concurrent enrollment in an advanced level science course, and approval of instructor through application	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. Students in this course may not concurrently enroll in any other Honors Scientific Research and Design course. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
208231 FULL YEAR Credit: 1.0 (science credit)	<i>Honors Scientific Research and Design 3</i> Grades: 9-12 Prerequisite: Honors Scientific Research and Design 1, Honors Scientific Research and Design 2, concurrent enrollment in an advanced level science course, and approval of instructor through application	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. Students in this course may not concurrently enroll in any other Honors Scientific Research and Design course. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
552901 FULL YEAR Credit: 2.0	Practicum in Agriculture, Food, and Natural Resources Grades: 12 Prerequisite: A minimum of one credit (may not be a course added for local purpose or Honors Scientific Research and Design) within the Applied Agricultural Engineering program of study CTSO: FFA	This course prepares students for careers in agriculture, food, and natural resource fields. It is delivered through classroom-based instruction and internship, job shadowing, and/or employment arrangements with local businesses. This is an Honors Level course. Students are required to provide their own transportation. Students may be required to pay a fee to participate.

Program of Study: Environmental and Natural Resources

Course Info	Course Name	Course Description
55170Q SEMESTER Credit: 1.0	Principles of Agriculture, Food, and Natural Resources Grades: 9-10 Prerequisite: None CTSO: FFA	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.
55110Q SEMESTER Credit: 1.0	Wildlife, Fisheries, and Ecology Management Grades: 9-12 Prerequisite: None Certification: <i>Texas Boater Education; Texas Hunter Education</i> CTSO: FFA	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. Sections covering boater, angler, and hunter education are also included.

Course Info	Course Name	Course Description
208001 FULL YEAR Credit: 1.0 (science credit)	Honors Scientific Research and Design 1 Grades: 9-12 Prerequisite: Concurrent enrollment in an advanced level science course and approval of instructor through application CTSO: FFA	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. Students in this course may not concurrently enroll in Honors Scientific Research and Design 2 or 3. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
208131 FULL YEAR Credit: 1.0 (science credit)	Honors Scientific Research and Design 2 Grades: 9-12 Prerequisite: Honors Scientific Research and Design 1, concurrent enrollment in an advanced level science course, and approval of instructor through application	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. Students in this course may not concurrently enroll in any other Honors Scientific Research and Design course. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
208231 FULL YEAR Credit: 1.0 (science credit)	Honors Scientific Research and Design 3 Grades: 9-12 Prerequisite: Honors Scientific Research and Design 1, Honors Scientific Research and Design 2, concurrent enrollment in an advanced level science course, and approval of instructor through application	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. Students in this course may not concurrently enroll in any other Honors Scientific Research and Design course. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
552901 FULL YEAR Credit: 2.0	Practicum in Agriculture, Food, and Natural Resources Grades: 12 Prerequisite: A minimum of one credit (may not be Honors Scientific Research and Design) within the Environmental and Natural Resources program of study CTSO: FFA	This course prepares students for careers in agriculture, food, and natural resource fields. It is delivered through classroom-based instruction and internship, job shadowing, and/or employment arrangements with local businesses. This is an Honors Level course. Students are required to provide their own transportation. Students may be required to pay a fee to participate.

Program of Study: Plant Science

Course Info	Course Name	Course Description
55170Q SEMESTER Credit: 1.0	Principles of Agriculture, Food, and Natural Resources Grades: 9-10 Prerequisite: None CTSO: FFA	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.
55155B SEMESTER Credit: 0.5	Landscape Design and Management Grades: 9-12 Prerequisite: None CTSO: FFA	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.
55115Q SEMESTER Credit: 1.0	Horticultural Science Grades: 9-12 Prerequisite: None CTSO: FFA	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.
551501 FULL YEAR Credit: 1.0 (fine arts credit)	Floral Design Grades: 11-12 Prerequisite: None Certification: Texas State Florists' Association Knowledge Based or Level 1 CTSO: FFA	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.
208001 FULL YEAR Credit: 1.0 (science credit)	Honors Scientific Research and Design 1 Grades: 9-12 Prerequisite: Concurrent enrollment in an advanced level science course and approval of instructor through application	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. Students in this course may not concurrently enroll in Honors Scientific Research and Design 2 or 3. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
208131 FULL YEAR Credit: 1.0 (science credit)	Honors Scientific Research and Design 2 Grades: 9-12 Prerequisite: Honors Scientific Research and Design 1, concurrent enrollment in an advanced level science course, and approval of instructor through application..	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. Students in this course may not concurrently enroll in any other Honors Scientific Research and Design course. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.

Course Info	Course Name	Course Description
208231 FULL YEAR Credit: 1.0 (science credit)	<i>Honors Scientific Research and Design 3</i> Grades: 9-10 Prerequisite: Honors Scientific Research and Design 1, Honors Scientific Research and Design 2, concurrent enrollment in an advanced level science course, and approval of instructor through application	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. Students in this course may not concurrently enroll in any other Honors Scientific Research and Design course. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
551801 FULL YEAR Credit: 1.0	Advanced Floral Design Grades: 12 Prerequisite: Floral Design Certification: Texas State Florists' Association Level 2 CTSO: FFA	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.
552901 FULL YEAR Credit: 2.0	Practicum in Agriculture, Food, and Natural Resources Grades: 12 Prerequisite: Minimum of one credit (may not be Honors Scientific Research and Design) within the Plant Science program of study Certification: Texas State Florists' Association Level 2 CTSO: FFA	This course prepares students for careers in agriculture, food, and natural resource fields. It is delivered through classroom-based instruction and internship, job shadowing, and/or employment arrangements with local businesses. This is an Honors Level course. Students are required to provide their own transportation. Students may be required to pay a fee to participate.

ARCHITECTURE AND CONSTRUCTION

Program of Study: Architectural Design

Course Info	Course Name	Course Description
45350B SEMESTER Credit: 0.5 (speech credit)	<i>Professional Communications</i> Grades: 9-12 Prerequisite: None	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.
403051 FULL YEAR Credit: 1.0	<i>Digital Media</i> Grades: 9-12 Prerequisite: None CTSO: BPA	Students will analyze 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 web tools and Adobe Creative Cloud applications. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society.
556851 FULL YEAR Credit: 1.0	Architectural Design I Grades: 11-12 Prerequisite: Algebra I and Geometry recommended Certification: Autodesk Certified User in AutoCAD CTSO: BPA	The study includes technical vocabulary, introduction to computer-aided drafting (CAD), orthographic projection, dimensioning, sectional views, working and presentation drawings, and introduction to architectural concepts and history. Students gain knowledge and skills applicable to the fields of architecture, construction science, drafting, interior design, and landscape architecture. Software used in this course includes AutoCAD, Revit, and 3dsMax.
55235Q SEMESTER Credit: 1.0	Interior Design I Grades: 11-12 Prerequisite: None CTSO: FCCLA	Interior Design I addresses the 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, space planning, presentation, and working designs. Styles and quality of furniture, 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 and promote health and sustainability while increasing productivity.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.

Course Info	Course Name	Course Description
557551 FULL YEAR 2 HR BLOCK Credit: 2.0	Architectural Design II Grades: 12 Prerequisite: Architectural Design I Certification: Autodesk Certified User in Revit Architecture CTSO: BPA	This course is a continuation of Architectural Design I. The study includes architectural concepts, site conditions, residential and commercial designs, structural systems, dimensioning, foundations, and computer-aided drafting concepts. Emphasis is placed on career paths, college investigation, and portfolio building. Solid modeling, 3D rendering, and BIM design are studied.

ARTS, AUDIO VIDEO TECHNOLOGY, AND COMMUNICATIONS

Program of Study: Graphic Design and Multimedia Arts

Course Info	Course Name	Course Description
40380Q SEMESTER Credit: 1.0	Principles of Arts, A/V Technology, and Communications Grades: 9-10 Prerequisite: None CTSO: BPA	Students will be expected to develop an understanding of the various and multifaceted career opportunities related to the arts, audio/video technology, and communications career cluster. During this course, students will examine a wide range of concepts including copyright, safety and technology, photography, principles of design, audio video production, animation, and fashion design.
40360Q SEMESTER Credit: 1.0	Video Game Design Grades: 9-12 Prerequisite: None CTSO: BPA	This course will allow students to explore one of the largest industries in the field of technology. Students will learn gaming, computerized gaming, evolution of gaming, and artistic aspects of perspective, design, and animation. Technical concepts of collision theory and programming logic will be covered in this course. Students will participate in a simulation of real video game design while developing technical proficiency in constructing an original 2D game design.
403051 FULL YEAR Credit: 1.0	Digital Media Grades: 9-12 Prerequisite: None CTSO: BPA	Students will analyze 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 Web Tools and Adobe Creative Cloud applications. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society.
553101 FULL YEAR Credit: 1.0	Fashion Design I Grades: 11-12 Prerequisite: None CTSO: FCCLA	In this course, students will be introduced to the exciting world of the fashion industry. Course content includes garment styles, history of costume, textiles, elements and principles of design, fashion designers, sketching, clothing construction, retail, merchandising, promotion, and careers in the fashion industry. Students may be required to pay a fee to participate.
556801 FULL YEAR Credit: 1.0	Graphic Design and Illustration I Grades: 11-12 Prerequisite: None Certification: Adobe Certified Professional Illustrator, Photoshop, InDesign CTSO: BPA, Skills USA	This 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 (Adobe Creative Cloud applications). Career opportunities in graphic design and illustration, which span all aspects of the advertising and visual communications industries, will be explored.

Course Info	Course Name	Course Description
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.
553151 FULL YEAR 2 HR BLOCK Credit: 2.0	Fashion Design II/Lab Grades: 12 Prerequisite: Fashion Design I CTSO: FCCLA	In this course, students will build upon the skills and knowledge acquired in Fashion Design I. Content consists of draping, flat pattern, and advanced construction methods. Students will design, construct, and market their own clothing collection. Fashion merchandising, business concepts, portfolio development, guest speakers, and field trips are integral parts of this course. The year culminates with the production of a fashion show featuring student designs. Students may be required to pay a fee to participate.
557351 FULL YEAR 2 HR BLOCK Credit: 2.0	Graphic Design and Illustration II/Lab Grades: 12 Prerequisite: Graphic Design and Illustration I Certification: Adobe Certified Professional Illustrator, Photoshop, InDesign CTSO: BPA, Skills USA	This 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.

Program of Study: Digital Communications

Course Info	Course Name	Course Description
40380Q SEMESTER Credit: 1.0	Principles of Arts, A/V Technology, and Communications Grades: 9-10 Prerequisite: None CTSO: BPA	Students will be expected to develop an understanding of the various and multifaceted career opportunities related to the arts, audio/video technology, and communications career cluster. During this course, students will examine a wide range of concepts including copyright, safety and technology, photography, principles of design, audio video production, animation, and fashion design.
45350B SEMESTER Credit: 0.5 (speech credit)	Professional Communications Grades: 9-12 Prerequisite: None	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.

Course Info	Course Name	Course Description
403201 FULL YEAR Credit: 1.0	Audio Video Production I Grades: 11-12 Prerequisite: None Certification: Adobe Certified Professional Premiere Pro CTSO: BPA, Skills USA	In this 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. 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.
403301 FULL YEAR 2 HR BLOCK Credit: 2.0	Audio Video Production II/Lab Grades: 12 Prerequisite: Audio Video Production I or audio video teacher recommendation in lieu of prerequisite Certification: Adobe Certified Professional Premiere Pro CTSO: BPA, Skills USA	This course is a continuation of Audio Video Production I. Students will learn advanced video concepts while working on major projects. 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.

BUSINESS, MARKETING, AND FINANCE

Program of Study: Accounting and Financial Services

Course Info	Course Name	Course Description
35100Q SEMESTER Credit: 1.0	Principles of Business, Marketing, and Finance Grades: 9-10 Prerequisite: None CTSO: BPA, DECA	Principles of Business, Marketing, and Finance will provide the opportunity for students to gain knowledge and skills in economics 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.
352001 FULL YEAR Credit: 1.0	Business Information Management (BIM) Grades: 9-12 Prerequisite: None Certification: Microsoft Office Specialist (MOS) CTSO: BPA	Business Information Management (BIM) 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.
355001 Accounting I Credit: 1.0	Accounting I Grades: 11-12 Prerequisite: None CTSO: BPA, DECA	Accounting I is highly recommended for all students planning to major in Business in college. 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.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.
355101 FULL YEAR Credit: 1.0 (math credit)	Accounting II Honors Grades: 12 Prerequisite: Accounting I Certification: Intuit Quickbooks Certified User CTSO: BPA, DECA	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. This is an Honors Level course.

Program of Study: Business Management

Course Info	Course Name	Course Description
35100Q SEMESTER Credit: 1.0	Principles of Business, Marketing, and Finance Grades: 9-10 Prerequisite: None CTSO: BPA, DECA	Principles of Business, Marketing, and Finance will provide the opportunity for students to gain knowledge and skills in economics 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.
352001 FULL YEAR Credit: 1.0	Business Information Management (BIM) Grades: 9-12 Prerequisite: None Certification: Microsoft Office Specialist (MOS) CTSO: BPA	Business Information Management (BIM) 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.
33550B SEMESTER Credit: 0.5	Virtual Business Grades: 9-12 Prerequisite: None CTSO: BPA	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, and 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 to develop leadership, communication, and project management skills through the process of starting a virtual business.
35530Q SEMESTER Credit: 1.0	Business Law Grades: 1 1-12 Prerequisite: None CTSO: BPA, DECA	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.
33540B SEMESTER Credit: 0.5	Global Business Grades: 11-12 Prerequisite: None CTSO: BPA	Global Business provides students with an understanding of how cultural issues and logistics affect international business. The content and activities of the course allow the student to analyze global trade theories in international monetary systems, trade, and politics. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.

Program of Study: Entrepreneurship

Course Info	Course Name	Course Description
35100Q SEMESTER Credit: 1.0	Principles of Business, Marketing, and Finance Grades: 9-10 Prerequisite: None CTSO: BPA, DECA	Principles of Business, Marketing, and Finance will provide the opportunity for students to gain knowledge and skills in economics 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.
352001 FULL YEAR Credit: 1.0	Business Information Management (BIM) Grades: 9-12 Prerequisite: None Certification: Microsoft Office Specialist (MOS) CTSO: BPA	Business Information Management (BIM) 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.
55500Q SEMESTER Credit: 1.0	Entrepreneurship Grades: 11-12 Prerequisite: None Certification: Entrepreneurship and Small Business (ESB) CTSO: BPA, DECA	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. 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, understanding financial reports, and developing a plan to organize and promote the business along with its products and services.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.

Program of Study: Marketing and Sales

Course Info	Course Name	Course Description
35100Q SEMESTER Credit: 1.0	Principles of Business, Marketing, and Finance Grades: 9-10 Prerequisite: None CTSO: BPA, DECA	Principles of Business, Marketing, and Finance will provide the opportunity for students to gain knowledge and skills in economics 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.

Course Info	Course Name	Course Description
33550B SEMESTER Credit: 0.5	Virtual Business Grades: 9-12 Prerequisite: None CTSO: BPA	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, and 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 to develop leadership, communication, and project management skills through the process of starting a virtual business.
55270B SEMESTER Credit: 0.5	Fashion Marketing Grades: 11-12 Prerequisite: None CTSO: DECA	This course introduces students to the business side of the fashion industry. Fashion marketers plan, purchase, and forecast budgets, trends, and sales for each season. Students will learn fashion terminology, distribution, physical store layout, product merchandising, and marketing strategies specifically used in the fashion industry.
55560B SEMESTER Credit: 0.5	Social Media Marketing Grades: 11-12 Prerequisite: None Certification: Stukent Social Media Marketing CTSO: DECA	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. Students will properly select social media platforms to engage consumers and monitor and measure the results of these efforts.
55515B SEMESTER Credit: 0.5	Sports and Entertainment Marketing Grades: 11-12 Prerequisite: None CTSO: DECA	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. Students will understand how culture and diversity affect sports and entertainment markets.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.

EDUCATION AND TRAINING

Program of Study: Early Learning

Course Info	Course Name	Course Description
55200Q SEMESTER Credit: 1.0	Principles of Human Services Grades: 9-10 Prerequisite: None CTSO: FCCLA	This course investigates career clusters with a focus on human services careers, including counseling and mental health, early childhood development, family and community, personal care, and consumer 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.
55230Q SEMESTER Credit: 1.0	Child Development Grades: 10-12 Prerequisite: None CTSO: FCCLA	This course addresses knowledge and skills related to child development and growth from prenatal through school-aged children equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children.
45350B SEMESTER Credit: 0.5 (speech credit)	Professional Communications Grades: 9-12 Prerequisite: None	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.
55245B SEMESTER Credit: 0.5	Interpersonal Studies Grades: 11-12 Prerequisite: None CTSO: FCCLA	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 learning experience.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.

Program of Study: Teaching and Training

Course Info	Course Name	Course Description
55200Q SEMESTER Credit: 1.0	Principles of Human Services Grades: 9-10 Prerequisite: None CTSO: FCCLA	This course investigates career clusters with a focus on human services careers, including counseling and mental health, early childhood development, family and community, personal care, and consumer 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.
55230Q SEMESTER Credit: 1.0	Child Development Grades: 10-12 Prerequisite: None CTSO: FCCLA	This course addresses knowledge and skills related to child development and growth from prenatal through school-aged children equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children.
553001 FULL YEAR 2 HR BLOCK Credit: 2.0	Instructional Practices (Intro to Teaching) Grades: 11-12 Prerequisite: Annual criminal background check required CTSO: FCCLA, TAFE	Instructional Practices is a field-based/internship course combined with classroom instruction designed to give students the opportunity to explore careers in teaching and occupations working directly with children and adolescents. Students explore the guidance and development of children physically, socially, emotionally, and intellectually through three days of classroom study per week and two days of internship experience per week at field site rotations. Internship sites include the educational preschool located on the senior high campus and nearby elementary and middle schools requiring students to travel independently. Students will plan and implement classroom activities while observing and recording development. This course offers training to students interested in professions related to human development, psychology, medicine, education, and childcare. Students are required to provide their own transportation.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.

Course Info	Course Name	Course Description
553051 FULL YEAR 2 HR BLOCK Credit: 2.0	Practicum in Education and Training Grades: 12 Prerequisite: Instructional Practices; Annual criminal background check required Certification: Educational Aide I CTSO: FCCLA, TAFE	This course is a continuation of Instructional Practices with increased field-based internship time designed to give students the opportunity to complete in-depth study of the physical, social, emotional, and intellectual growth and development of children and adolescents. In this advanced field-based internship course, students will experience two days of classroom study per week and three days of internship experience per week at field site rotations. Internship sites include the educational preschool located on the senior high campus and nearby elementary and middle schools requiring students to travel independently. This course offers advanced training to students interested in professions related to human development, psychology, medicine, education, and childcare. This is an Honors Level course. Students are required to provide their own transportation.

HEALTH SCIENCE

Program of Study: Health Informatics

Course Info	Course Name	Course Description
55420Q SEMESTER Credit: 1.0	Principles of Health Science Grades: 9-10 Prerequisite: None CTSO: HOSA	Principles of Health Science is an introductory course designed to provide students an overview of systems in the healthcare industry.
55410Q SEMESTER Credit: 1.0	Medical Terminology Grades: 9-12 Prerequisite: None CTSO: HOSA	This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining and singular/plural forms, as well as medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.
352001 FULL YEAR Credit: 1.0	Business Information Management (BIM) Grades: 9-12 Prerequisite: None Certification: Microsoft Office Specialist (MOS) CTSO: BPA	Business Information Management (BIM) 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.
554601 FULL YEAR Credit: 1.0	World Health Research Grades: 11-12 Prerequisite: Biology, Chemistry, and Medical Terminology or Principles of Health Science CTSO: HOSA	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 cultural, infrastructural, political, educational, and technological constraints and inspire ideas for appropriate technological solutions to global health care issues.

Program of Study: Healthcare Diagnostics

Course Info	Course Name	Course Description
55420Q SEMESTER Credit: 1.0	Principles of Health Science Grades: 9-10 Prerequisite: None CTSO: HOSA	Principles of Health Science is an introductory course designed to provide students an overview of systems in the healthcare industry.
55410Q SEMESTER Credit: 1.0	Medical Terminology Grades: 9-12 Prerequisite: None CTSO: HOSA	This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining and singular/plural forms, as well as medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.
554431 FULL YEAR Credit: 1.0 (health credit)	Health Science Theory Grades: 10-12 Prerequisite: Biology Certification: <i>American Heart Association First Aid and CPR</i> CTSO: HOSA	This course provides students the opportunity for comprehensive study of human anatomy and physiology, medical terms, introduction to basic patient care skills, as well as health career exploration.

Course Info	Course Name	Course Description
204101 FULL YEAR Credit: 1.0 (science credit)	Anatomy and Physiology Grades: 11-12 Prerequisite: Biology and Chemistry CTSO: HOSA	This course is a hands-on survey of the structures and functions of the human body, including investigating the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy processes. It includes laboratory investigation and fieldwork using appropriate scientific inquiry.
554531 FULL YEAR 2 HR BLOCK Credit: 2.0	Practicum in Health Science I (Clinical Rotation I) Grades: 11-12 Prerequisite: Biology, Health Science Theory, and qualification packet Certification: <i>American Heart Association Healthcare Provider CPR</i> CTSO: HOSA	This course 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 healthcare 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 are required to provide their own transportation.
554551 FULL YEAR 2 HR BLOCK Credit: 2.0	Practicum in Health Science II (Clinical Rotation II) Grades: 12 Prerequisite: Biology, Health Science Theory, Practicum in Health Science I, and qualification packet Certification: Patient Care Technician, Pharmacy Technician CTSO: HOSA	This course provides students the opportunity to participate in unpaid clinical rotation internships at local healthcare facilities. Classroom instruction may include content designed to prepare students for Patient Care Technician, Pharmacy Technician, or other healthcare certification exams. This is an Honors Level course. Students are required to provide their own transportation.

Program of Study: Healthcare Therapeutic

Course Info	Course Name	Course Description
55420Q SEMESTER Credit: 1.0	Principles of Health Science Grades: 9-10 Prerequisite: None CTSO: HOSA	Principles of Health Science is an introductory course designed to provide students an overview of systems in the healthcare industry.
55410Q SEMESTER Credit: 1.0	Medical Terminology Grades: 9-12 Prerequisite: None CTSO: HOSA	This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining and singular/plural forms, as well as medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.
554431 FULL YEAR Credit: 1.0 (health credit)	Health Science Theory Grades: 10-12 Prerequisite: Biology Certification: <i>American Heart Association First Aid and CPR</i> CTSO: HOSA	This course provides students the opportunity for comprehensive study of human anatomy and physiology, medical terms, introduction to basic patient care skills, as well as health career exploration.

Course Info	Course Name	Course Description
204101 FULL YEAR Credit: 1.0 (science credit)	Anatomy and Physiology Grades: 11-12 Prerequisite: Biology and Chemistry CTSO: HOSA	This course is a hands-on survey of the structures and functions of the human body, including investigating the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy processes. It includes laboratory investigation and fieldwork using appropriate scientific inquiry.
554531 FULL YEAR 2 HR BLOCK Credit: 2.0	Practicum in Health Science I (Clinical Rotation I) Grades: 11-12 Prerequisite: Biology, Health Science Theory, and qualification packet Certification: <i>American Heart Association Healthcare Provider CPR</i> CTSO: HOSA	This course 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 healthcare 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 are required to provide their own transportation.
554301 FULL YEAR Credit: 1.0	Pharmacology Grades: 12 Prerequisite: Biology, Chemistry, Health Science Theory, and qualification packet Certification: Pharmacy Technician CTSO: HOSA	This course provides opportunities for the student to complete in-depth advanced studies in pharmacology.
554551 FULL YEAR 2 HR BLOCK Credit: 2.0	Practicum in Health Science II (Clinical Rotation II) Grades: 12 Prerequisite: Biology, Health Science Theory, Practicum in Health Science I, and qualification packet Certification: Patient Care Technician, Pharmacy Technician CTSO: HOSA	This course provides students the opportunity to participate in unpaid clinical rotation internships at local healthcare facilities. Classroom instruction may include content designed to prepare students for Patient Care Technician, Pharmacy Technician, or other healthcare certification exams. This is an Honors Level course. Students are required to provide their own transportation.

Program of Study: Medical Therapy

Course Info	Course Name	Course Description
55420Q SEMESTER Credit: 1.0	Principles of Health Science Grades: 9-10 Prerequisite: None CTSO: HOSA	Principles of Health Science is an introductory course designed to provide students an overview of systems in the healthcare industry.
55410Q SEMESTER Credit: 1.0	Medical Terminology Grades: 9-12 Prerequisite: None CTSO: HOSA	This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining and singular/plural forms, as well as medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Course Info	Course Name	Course Description
554431 FULL YEAR Credit: 1.0 (health credit)	Health Science Theory Grades: 10-12 Prerequisite: Biology Certification: <i>American Heart Association First Aid and CPR</i> CTSO: HOSA	This course provides students the opportunity for comprehensive study of human anatomy and physiology, medical terms, introduction to basic patient care skills, as well as health career exploration.
554531 FULL YEAR 2 HR BLOCK Credit: 2.0	Practicum in Health Science I (Clinical Rotation I) Grades: 11-12 Prerequisite: Biology, Health Science Theory, and qualification packet Certification: <i>American Heart Association Healthcare Provider CPR</i> CTSO: HOSA	This course 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 healthcare 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 are required to provide their own transportation.
554551 FULL YEAR 2 HR BLOCK Credit: 2.0	Practicum in Health Science II (Clinical Rotation II) Grades: 12 Prerequisite: Biology, Health Science Theory, Practicum in Health Science I, and qualification packet Certification: Patient Care Technician, Pharmacy Technician CTSO: HOSA	This course provides students the opportunity to participate in unpaid clinical rotation internships at local healthcare facilities. Classroom instruction may include content designed to prepare students for Patient Care Technician, Pharmacy Technician, or other healthcare certification exams. This is an Honors Level course. Students are required to provide their own transportation.

Program of Study: Nursing Science

Course Info	Course Name	Course Description
55420Q SEMESTER Credit: 1.0	Principles of Health Science Grades: 9-10 Prerequisite: None CTSO: HOSA	Principles of Health Science is an introductory course designed to provide students an overview of systems in the healthcare industry.
55410Q SEMESTER Credit: 1.0	Medical Terminology Grades: 9-12 Prerequisite: None CTSO: HOSA	This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining and singular/plural forms, as well as medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.
204101 FULL YEAR Credit: 1.0 (science credit)	Anatomy and Physiology Grades: 11-12 Prerequisite: Biology and Chemistry CTSO: HOSA	This course is a hands-on survey of the structures and functions of the human body, including investigating the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy processes. It includes laboratory investigation and fieldwork using appropriate scientific inquiry.

Course Info	Course Name	Course Description
554301 FULL YEAR Credit: 1.0	Pharmacology Grades: 12 Prerequisite: Biology, Chemistry, Health Science Theory, and qualification packet Certification: Pharmacy Technician CTSO: HOSA	This course provides opportunities for the student to complete in-depth advanced studies in pharmacology.

HOSPITALITY AND TOURISM

Program of Study: Culinary Arts

Course Info	Course Name	Course Description
55210Q SEMESTER Credit: 1.0	Principles of Hospitality and Tourism Grades: 9-10 Prerequisite: None CTSO: FCCLA	This course introduces students to the hospitality and tourism industry which encompasses lodging, travel and tourism, recreation, amusements, attractions, and food and beverage operations. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students will explore the history of the hospitality and tourism industry, examine characteristics needed for success, and learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards to function effectively in various positions within this multifaceted industry.
55550Q SEMESTER Credit: 1.0	Introduction to Culinary Arts Grades: 10-12 Prerequisite: None CTSO: FCCLA	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 including food production skills, various levels of industry management, and hospitality skills. This course is designed for students interested in pursuing a career in the food service industry. Food labs simulating restaurants are included on most campuses.
553201 FULL YEAR 2 HR BLOCK Credit: 2.0	Culinary Arts Grades: 11-12 Prerequisite: None Certification: <i>Texas Food Handlers</i> CTSO: FCCLA, Skills USA	This course is a laboratory class designed for students that have an interest in pursuing a career in the food service industry. The use of commercial kitchen equipment and the safety and sanitation factors involved in the food service industry are explored. Classroom and laboratory experiences will include basic skill development in quantity food preparation, beginning with the art of cooking and the science of baking including management as well as production skills and techniques. Experience is gained through preparation of meals for the onsite restaurant, East Side Bistro. Careers in the Hospitality and Tourism industry will be explored.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.
552251 FULL YEAR Credit: 1.0 (science credit)	Food Science Grades: 11-12 Prerequisite: Biology plus IPC or Chemistry CTSO: FCCLA	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.

Course Info	Course Name	Course Description
553251 FULL YEAR 2 HR BLOCK Credit: 2.0	Practicum in Culinary Arts Grades: 12 Prerequisite: Culinary Arts Certification: ServSafe Manager CTSO: FCCLA, Skills USA	In this course students will practice advanced techniques in quantity food preparation in the commercial laboratory classroom. Some field site experiences may be arranged requiring students to travel independently to food service operations in addition to experience gained at the East Side Bistro. Emphasis will be on food service management as well as planning, preparing, and serving various meals for school and community groups. This is an Honors Level course. Students are required to provide their own transportation.

Program of Study: Travel, Tourism, and Attractions

Course Info	Course Name	Course Description
55210Q SEMESTER Credit: 1.0	Principles of Hospitality and Tourism Grades: 9-10 Prerequisite: None CTSO: FCCLA	This course introduces students to the hospitality and tourism industry which encompasses lodging, travel and tourism, recreation, amusements, attractions, and food and beverage operations. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students will explore the history of the hospitality and tourism industry, examine characteristics needed for success, and learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards to function effectively in various positions within this multifaceted industry.
45350B SEMESTER Credit: 0.5 (speech credit)	Professional Communications Grades: 9-12 Prerequisite: None	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.
55500Q SEMESTER Credit: 1.0	Entrepreneurship Grades: 11-12 Prerequisite: None Certification: Entrepreneurship and Small Business (ESB) CTSO: BPA, DECA	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. 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, understanding financial reports, and developing a plan to organize and promote the business along with its products and services.
33540B SEMESTER Credit: 0.5	Global Business Grades: 11-12 Prerequisite: None CTSO: BPA	Global Business provides students with an understanding of how cultural issues and logistics affect international business. The content and activities of the course allow the student to analyze global trade theories in international monetary systems, trade, and politics. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs.

Course Info	Course Name	Course Description
55515B SEMESTER Credit: 0.5	Sports and Entertainment Marketing Grades: 11-12 Prerequisite: None CTSO: DECA	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. Students will understand how culture and diversity affect sports and entertainment markets.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.

HUMAN SERVICES

Program of Study: Family and Community Services

Course Info	Course Name	Course Description
55200Q SEMESTER Credit: 1.0	Principles of Human Services Grades: 9-10 Prerequisite: None CTSO: FCCLA	This course investigates career clusters with a focus on human service careers, including counseling and mental health, early childhood development, family and community, personal care, and consumer 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.
45350B SEMESTER Credit: 0.5 (speech credit)	Professional Communications Grades: 9-12 Prerequisite: None	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.
55230Q SEMESTER Credit: 1.0	Child Development Grades: 10-12 Prerequisite: None CTSO: FCCLA	This course addresses knowledge and skills related to child development and growth from prenatal through school-aged children equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children.
55240B SEMESTER Credit: 0.5	Dollars and Sense Grades: 10-12 Prerequisite: None CTSO: BPA, FCCLA	This vital course explores managing life independently focusing consumer practices and responsibilities, money-management processes, and decision-making skills. Areas of study include budgeting, banking, saving, borrowing, investing, housing, healthy living, clothing, transportation, insurance, consumer decisions, and careers.
55260B SEMESTER Credit: 0.5	Lifetime Nutrition and Wellness Grades: 10-12 Prerequisite: None CTSO: FCCLA	This interactive course allows students to use principles of lifetime wellness and nutrition to help make informed choices that promote wellness 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 while developing a nutritional plan which meets the needs of the individual.
55245B SEMESTER Credit: 0.5	Interpersonal Studies Grades: 11-12 Prerequisite: None CTSO: FCCLA	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 learning experience.

Course Info	Course Name	Course Description
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.

Program of Study: Health and Wellness

Course Info	Course Name	Course Description
55200Q SEMESTER Credit: 1.0	Principles of Human Services Grades: 9-10 Prerequisite: None CTSO: FCCLA	This course investigates career clusters with a focus on human service careers, including counseling and mental health, early childhood development, family and community, personal care, and consumer 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.
55260B SEMESTER Credit: 0.5	Lifetime Nutrition and Wellness Grades: 10-12 Prerequisite: None CTSO: FCCLA	This interactive course allows students to use principles of lifetime wellness and nutrition to help make informed choices that promote wellness 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 while developing a nutritional plan which meets the needs of the individual.
55245B SEMESTER Credit: 0.5	Interpersonal Studies Grades: 11-12 Prerequisite: None CTSO: FCCLA	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 learning experience.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.

INFORMATION TECHNOLOGY

Program of Study: Networking Systems

Course Info	Course Name	Course Description
401001 FULL YEAR Credit: 1.0	Computer Science I Grades: 9-12 Prerequisite: Algebra I CTSO: BPA	Computer Science I is an introduction to the automated processing of information, including computer programming. Students will apply their mathematical and logical reasoning to solve problems in the field of computer science. 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 explore various aspects of digital citizenship, including those affecting both users and programmers. The learning in this course equips students to read and write small programs using Java programming language in response to a given problem or scenario. No previous coding/programming experience is required.
403401 FULL YEAR Credit: 1.0	Principles of Information Technology Grades: 9-12 Prerequisite: None CTSO: BPA	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.
403701 FULL YEAR Credit: 1.0	AP Computer Science Principles Grades: 9-10 Prerequisite: None CTSO: BPA	AP Computer Science Principles is an introduction to the complete field of computer science. This course is focused on five computer science big ideas: Creative Development, Data, Algorithms and Programming, Computer Systems and Networks, and Impact of Computing. Students will broaden their understanding of computer science for use in a diversity of interests, majors, and careers. Programming is only one component of this course and is taught at an introductory level using JavaScript. No previous coding/programming experience is required. Students will submit their Create Performance Task as part of their College Board score. This course prepares students to take the Advanced Placement (AP) Computer Science Principles exam to possibly earn college credit.
556601 FULL YEAR Credit: 1.0	Internetworking Technologies I Grades: 11-12 Prerequisite: Algebra II CTSO: BPA	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 may continue this training at any Cisco Academy. This is a Distinguished Level course.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.

Course Info	Course Name	Course Description
556651 FULL YEAR Credit: 1.0	Internetworking Technologies II Grades: 12 Prerequisite: Internetworking Technologies I CTSO: BPA	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. This is a Distinguished Level course.

Program of Study: Web Development

Course Info	Course Name	Course Description
403401 FULL YEAR Credit: 1.0	Principles of Information Technology Grades: 9-12 Prerequisite: None CTSO: BPA	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.
401001 FULL YEAR Credit: 1.0	Computer Science I Grades: 9-12 Prerequisite: Algebra I CTSO: BPA	Computer Science I is an introduction to the automated processing of information, including computer programming. Students will apply their mathematical and logical reasoning to solve problems in the field of computer science. 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 explore various aspects of digital citizenship, including those affecting both users and programmers. The learning in this course equips students to read and write small programs using Java programming language in response to a given problem or scenario. No previous coding/programming experience is required.
403101 FULL YEAR Credit: 1.0	Web Design Grades: 9-12 Prerequisite: None CTSO: BPA	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 specific audiences.
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.

LAW AND PUBLIC SERVICE

Program of Study: Law Enforcement

Course Info	Course Name	Course Description
45350B SEMESTER Credit: 0.5 (speech credit)	<i>Professional Communications</i> Grades: 9-12 Prerequisite: None	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.
352001 FULL YEAR Credit: 1.0	<i>Business Information Management (BIM)</i> Grades: 9-12 Prerequisite: None Certification: Microsoft Office Specialist (MOS) CTSO: BPA	Business Information Management (BIM) 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.
55520Q SEMESTER Credit: 1.0	<i>Principles of Law, Public Safety, Corrections, and Security</i> Grades: 11-12 Prerequisite: None CTSO: Skills USA	This course introduces students to professions in law enforcement, protective services, corrections, and fire and emergency management services. Students will examine legal and ethical roles and responsibilities of the professions and will recognize the importance of interagency cooperation. Students will identify the roles and functions of police, court systems, the correctional system, private security, and protective agencies of fire emergency services.
555301 FULL YEAR Credit: 1.0	<i>Law Enforcement I</i> Grades: 11-12 Prerequisite: None Certification: Non-Commissioned Security Officer Level II CTSO: Skills USA	This course 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 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.
555401 FULL YEAR Credit: 1.0 (science credit)	<i>Forensic Science</i> Grades: 12 Prerequisite: Biology plus IPC or Chemistry, and Law Enforcement I CTSO: Skills USA	This course uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, and homicide. Students will learn terminology and investigative procedures related to crime scene, interviewing, criminal behavior characteristics, and scientific procedures used to solve crimes. Using scientific methods, students will perform fingerprint analysis, ballistics, hair and fiber analysis, DNA profiling, forensic toxicology, forensic entomology, 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.

Course Info	Course Name	Course Description
555501 FULL YEAR Credit: 1.0	Law Enforcement II Grades: 12 Prerequisite: Law Enforcement I CTSO: Skills USA	<p>This course 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 evaluate body language, gestures, verbal tone, and inflection and will facilitate field note taking and report writing. Students will prepare testimony for court and during a mock trial. Students will demonstrate the use of anger management techniques to resolve conflicts. 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 simulated motor vehicle accident.</p>

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS

Program of Study: Cybersecurity

Course Info	Course Name	Course Description
401001 FULL YEAR Credit: 1.0	Computer Science I Grades: 9-12 Prerequisite: Algebra I CTSO: BPA	Computer Science I is an introduction to the automated processing of information, including computer programming. Students will apply their mathematical and logical reasoning to solve problems in the field of computer science. 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 explore various aspects of digital citizenship, including those affecting both users and programmers. The learning in this course equips students to read and write small programs using Java programming language in response to a given problem or scenario. No previous coding/programming experience is required.
403401 FULL YEAR Credit: 1.0	Principles of Information Technology Grades: 9-12 Prerequisite: None CTSO: BPA	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.
403701 FULL YEAR Credit: 1.0	AP Computer Science Principles Grades: 9-10 Prerequisite: None CTSO: BPA	AP Computer Science Principles is an introduction to the complete field of computer science. This course is focused on five computer science big ideas: Creative Development, Data, Algorithms and Programming, Computer Systems and Networks, and Impact of Computing. Students will broaden their understanding of computer science for use in a diversity of interests, majors, and careers. Programming is only one component of this course and is taught at an introductory level using JavaScript. No previous coding/programming experience is required. Students will submit their Create Performance Task as part of their College Board score. This course prepares students to take the Advanced Placement (AP) Computer Science Principles exam to possibly earn college credit.
401051 FULL YEAR Credit: 2.0 (math credit)	AP Computer Science A Grades: 11-12 Prerequisite: Algebra I or a student should be comfortable with functions and the concepts found in the uses of functional notation such as $f(x)=x+2$ and $f(x)=g(h(x))$ CTSO: BPA	This course serves as an introduction to computers and the study of managing and processing information. Students apply algebraic and logical reasoning acquired in mathematics to develop robust programming solutions. The emphasis is on solving industry problems by means of computer programming (software engineering). Students will thoroughly learn 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. This course prepares students to take the Advanced Placement Computer Science A exam to possibly earn college credit. Note: One of two credits counts toward GPA.
556601 FULL YEAR Credit: 1.0	Internetworking Technologies I Grades: 11-12 Prerequisite: Algebra II CTSO: BPA	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 may continue this training at any Cisco Academy. This is a Distinguished Level course.

Course Info	Course Name	Course Description
556651 FULL YEAR Credit: 1.0	Internetworking Technologies II Grades: 12 Prerequisite: Internetworking Technologies I CTSO: BPA	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. This is a Distinguished Level course.

Program of Study: Engineering

Course Info	Course Name	Course Description
556101 FULL YEAR Credit: 1.0	Introduction to Engineering Design (PLTW) Grades: 9-10 Prerequisite: Algebra I or concurrent enrollment in Algebra I	This is the foundation course in a series of Project Lead The Way (PLTW) courses designed to introduce students to the field of 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. Students will use state of the art 3-D design software to create solutions to different projects. Working in teams, students will learn about documenting solutions, solving problems, and communicating solutions to other students and members of the professional engineering community. This is a Distinguished Level course.
556201 FULL YEAR Credit: 1.0 (science credit)	Engineering Science (PLTW) Grades: 10-12 Prerequisite: Geometry or concurrent enrollment required; Chemistry or concurrent enrollment required; Successful completion of Introduction to Engineering Design is recommended	This Project Lead The Way (PLTW) course applies the principles of physics to various technology systems and manufacturing processes which 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 programs for robotics and machine control. This is a Distinguished Level course.
556301 FULL YEAR Credit: 1.0	Aerospace Engineering (PLTW) Grades: 11-12 Prerequisite: Algebra II or concurrent enrollment required; Physics or concurrent enrollment required; Successful completion of PLTW Introduction to Engineering Design required; Engineering Science is preferred	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. This is a Distinguished Level course.
556351 FULL YEAR Credit: 1.0 (math credit)	Digital Electronics (PLTW) Grades: 11-12 Prerequisite: Algebra I and Geometry required; Successful completion of Introduction to Engineering Design or Engineering Science required; Engineering Science is preferred	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, teamwork, communication methods, engineering standards, and technical documentation. This is a Distinguished Level course.

Course Info	Course Name	Course Description
208001 FULL YEAR Credit: 1.0 (science credit)	Honors Scientific Research and Design 1 Grades: 9-12 Prerequisite: Concurrent enrollment in an advanced level science course and approval of instructor through application CTSO: FFA	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. Students in this course may not concurrently enroll in Honors Scientific Research and Design 2 or 3. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
208131 FULL YEAR Credit: 1.0 (science credit)	Honors Scientific Research and Design 2 Grades: 9-12 Prerequisite: Honors Scientific Research and Design 1, concurrent enrollment in an advanced level science course, and approval of instructor through application	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. Students in this course may not concurrently enroll in any other Honors Scientific Research and Design course. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
208231 FULL YEAR Credit: 1.0 (science credit)	Honors Scientific Research and Design 3 Grades: 9-12 Prerequisite: Honors Scientific Research and Design 1, Honors Scientific Research and Design 2, concurrent enrollment in an advanced level science course, and approval of instructor through application	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. Students in this course may not concurrently enroll in any other Honors Scientific Research and Design course. *Students enrolling in Biology Dual Credit as seniors can only have two credits of Honors Scientific Research and Design prior to their senior year.
556501 FULL YEAR Credit: 1.0	Engineering Design and Development (PLTW) Grades: 12 Prerequisite: Algebra II; Physics or concurrent enrollment; Introduction to Engineering Design; Engineering Science; or teacher recommendation in lieu of prerequisites	The knowledge and skills students acquire throughout their PLTW coursework come together in Engineering Design and Development 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. This is a Distinguished Level course.

Program of Study: Programming and Software Development

Course Info	Course Name	Course Description
401001 FULL YEAR Credit: 1.0	Computer Science I Grades: 9-12 Prerequisite: Algebra I CTSO: BPA	Computer Science I is an introduction to the automated processing of information, including computer programming. Students will apply their mathematical and logical reasoning to solve problems in the field of computer science. 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 explore various aspects of digital citizenship, including those affecting both users and programmers. The learning in this course equips students to read and write small programs using Java programming language in response to a given problem or scenario. No previous coding/programming experience is required.
403701 FULL YEAR Credit: 1.0	AP Computer Science Principles Grades: 9-10 Prerequisite: None CTSO: BPA	AP Computer Science Principles is an introduction to the complete field of computer science. This course is focused on five computer science big ideas: Creative Development, Data, Algorithms and Programming, Computer Systems and Networks, and Impact of Computing. Students will broaden their understanding of computer science for use in a diversity of interests, majors, and careers. Programming is only one component of this course and is taught at an introductory level using JavaScript. No previous coding/programming experience is required. Students will submit their Create Performance Task as part of their College Board score. This course prepares students to take the Advanced Placement (AP) Computer Science Principles exam to possibly earn college credit.
402001 FULL YEAR Credit: 1.0	Computer Science II Grades: 10-12 Prerequisite: Computer Science I, Algebra I CTSO: BPA	This course continues to build student learning from Computer Science I. The learning in this course equips students to read and write complex programs using Java programming language. Students apply algebraic and logical reasoning acquired in mathematics to develop robust programming solutions. Upon completion of this course, the student will have created software such as an interactive program and/or an animated graphics display.
401051 FULL YEAR Credit: 2.0 (math credit)	AP Computer Science A Grades: 11-12 Prerequisite: Algebra I or a student should be comfortable with functions and the concepts found in the uses of functional notation such as $f(x)=x+2$ and $f(x)=g(h(x))$ CTSO: BPA	This course serves as an introduction to computers and the study of managing and processing information. Students apply algebraic and logical reasoning acquired in mathematics to develop robust programming solutions. The emphasis is on solving industry problems by means of computer programming (software engineering). Students will thoroughly learn 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. This course prepares students to take the Advanced Placement Computer Science A exam to possibly earn college credit. Note: One of two credits counts toward GPA.

Course Info	Course Name	Course Description
553801 FULL YEAR Credit: 3.0	Career Preparation I and Extended Career Preparation Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.
403531 FULL YEAR Credit: 1.0	Computer Science III Honors Grades: 11-12 Prerequisite: Computer Science II or AP Computer Science A Certification: Oracle Certified Associate, JAVA SE 8 Programmer CTSO: BPA	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 implication of computer use. Students will develop major software projects over topics such as databases, sorting, business applications, and graphics. This course may provide instruction and training necessary for an industry based certification.

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

Program of Study: Automotive

Course Info	Course Name	Course Description
45350B SEMESTER Credit: 0.5 (speech credit)	<i>Professional Communications</i> Grades: 9-12 Prerequisite: None	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.
352001 FULL YEAR Credit: 1.0	<i>Business Information Management (BIM)</i> Grades: 9-12 Prerequisite: None Certification: Microsoft Office Specialist (MOS) CTSO: BPA	Business Information Management (BIM) 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.
557101 FULL YEAR 2 HR BLOCK Credit: 2.0	<i>Collision Repair</i> Grades: 11-12 Prerequisite: Qualification packet may be required Certification: Automotive Service Excellence CTSO: Skills USA	Students receive training in the fundamental and manipulative skills related to auto body repair 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.
557201 FULL YEAR 2 HR BLOCK Credit: 2.0	<i>Automotive Technology I: Maintenance and Light Repair</i> Grades: 11-12 Prerequisite: Qualification packet may be required Certification: Automotive Service Excellence CTSO: Skills USA	This course offers students theory and experience in all phases of automotive drive-train repair. Students spend approximately 75 percent of their time with hands-on training with the remaining time devoted to classroom instruction. Shop management and youth leadership are also incorporated into the course of study.
553801 FULL YEAR Credit: 3.0	<i>Career Preparation I and Extended Career Preparation</i> Grades: 11-12 Prerequisite: 16 years of age CTSO: BPA, DECA, FCCLA	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 will earn 3.0 credits for successful completion of this course which includes one class period per school day on campus and two class periods per school day allocated for early release for off campus work experience. Students are required to provide their own transportation.

Course Info	Course Name	Course Description
557251 FULL YEAR 2 HR BLOCK Credit: 2.0	Automotive Technology II: Automotive Service Grades: 12 Prerequisite: Automotive Technology I; Qualification packet may be required Certification: Automotive Service Excellence CTSO: Skills USA	This course is a continuation of Automotive Technology I, including new concepts and innovations, new engine types, studies of anti-pollutant equipment on automobile engines, and computerized engine analysis. This is an Honors Level course.
557151 FULL YEAR 2 HR BLOCK Credit: 2.0	Paint and Refinishing Grades: 12 Prerequisite: Collision Repair; Qualification packet may be required Certification: Automotive Service Excellence CTSO: Skills USA	This course is a continuation of Collision Repair. Students receive advanced training in the processes, technologies, and materials used in the reconstruction of vehicles, including concepts and theory related to automotive paint and refinishing. This is an Honors Level course.