

**FOR STUDENTS
ENTERING 9TH GRADE
IN 2008-2009
IT IS IMPORTANT
THAT THE STUDENT
KEEP
THIS CATALOG
UNTIL GRADUATION**



Dear Students and Parents:

On behalf of the Plano Independent School District's Board of Trustees and administration, we are pleased to provide this Course Catalog for the student population. This catalog has been prepared to assist students in making wise decisions concerning programs and course choices during their secondary years. The Plano ISD instructional staff has assembled information including a description of each course and its requirements in the secondary program to help in the decision-making process.

The goal of the Plano Independent School District is to prepare students as thoroughly as possible for a successful transition to attend college. To achieve this goal, 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.

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

Sincerely,



Dr. Douglas Otto
Superintendent of Schools

INTRODUCTION

Teamwork for Excellence



P L A N O
Independent School District

The Plano Independent School District *Course Catalog* lists the courses that our high schools and senior high schools generally make available to students. **It should be noted, however, that not all of the courses listed are scheduled every year.** Since it is not economically feasible to schedule classes in which only a few students enroll, the class may not be offered for the current year or on all campuses. Sufficient numbers of student requests for specific courses then become the determining factor as to whether or not a course is scheduled.

The *Course Catalog* provides a Table of Contents and an Index to assist in locating specific areas of information. The first section of the guide contains general information. The second section provides the specific description of courses by department and/or subject area. Descriptions, prerequisites, grade levels, and credits are listed for each course. The last section lists career and technical education courses and information.

The Course Catalog is also available online. The Plano ISD Web site address for the Course Catalog is as follows: <http://www.pisd.edu/students/courses/index.shtml>

MISSION

. . . statement of purpose and function

The Plano Independent School District
will provide an excellent education
for all students.



TABLE OF CONTENTS

GENERAL INFORMATION

2008-2011 GRADUATION REQUIREMENTS.....	2
GRADUATION REQUIREMENTS-STUDENTS ENTERING 9 TH GRADE 2007-08 SCHOOL YEAR AND AFTER.....	3
GRADE POINT AVERAGE (GPA) CHART.....	5
DISTINGUISHED ACHIEVEMENT PROGRAM.....	6
TOWARD EXCELLENCE, ACCESS, & SUCCESS (TEXAS) GRANT PROGRAM.....	7
COLLEGE PREPARATION TIMELINE.....	8
HIGH SCHOOL PROGRAM.....	9
PHYSICAL EDUCATION EQUIVALENT (WAIVERS).....	11
ADVANCED CLASSES IDENTIFIED FOR NO-PASS, NO-PLAY EXEMPTION.....	12
ADVANCED PLACEMENT PROGRAM.....	13
INTERNATIONAL BACCALAUREATE PROGRAM.....	14
PROCEDURE FOR ADMISSION TO & EXIT FROM GIFTED & TALENTED PROGRAM.....	15
SPECIAL EDUCATION SERVICES.....	16
HIGH SCHOOL COURSES THROUGH INDEPENDENT INTERNET STUDY.....	19

DESCRIPTIONS OF HIGH SCHOOL SENIOR HIGH SCHOOL COURSE OFFERINGS

ATHLETICS.....	22
CHEERLEADING/DRILL TEAM.....	23
ENGLISH LANGUAGE ARTS.....	24
ESOL (ENGLISH AS A SECOND LANGUAGE).....	24
FINE ARTS.....	28
ART EDUCATION.....	28
MUSIC EDUCATION.....	30
THEATER/DANCE EDUCATION.....	40
GIFTED EDUCATION (PACE/HUMANITIES).....	43
HEALTH AND PHYSICAL EDUCATION.....	44
INTERNATIONAL BACCALAUREATE.....	46
JOURNALISM.....	52
JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC).....	53
LANGUAGES OTHER THAN ENGLISH.....	55
MATHEMATICS.....	60
MISCELLANEOUS COURSES.....	63
SCIENCE.....	65
SOCIAL STUDIES.....	70
SPEECH.....	74

DESCRIPTIONS OF CAREER AND TECHNICAL EDUCATION COURSE OFFERINGS

CAREER & TECHNICAL EDUCATION.....	76
AGRICULTURE, FOOD & NATURAL RESOURCES.....	78
ARCHITECTURE & CONSTRUCTION.....	80
ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATIONS.....	81
BUSINESS, MANAGEMENT & ADMINISTRATION.....	83
EDUCATION AND TRAINING.....	84
FINANCE.....	85
HEALTH SCIENCE.....	86
HOSPITALITY & TOURISM.....	88
HUMAN SERVICES.....	89
INFORMATION TECHNOLOGY.....	91
LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY.....	93
MARKETING, SALES & SERVICES.....	94
SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS.....	95
TRANSPORTATION, DISTRIBUTION & LOGISTICS.....	96

COURSE CATALOG INDEX

INDEX BY COURSE NAME.....	97
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Legend for Course Catalog

H	Honors Credit
PreAP	Pre Advanced Placement Credit
IH	International Honors Credit
AP	Advanced Placement Credit
IB	International Baccalaureate Credit
CTE	Career & Technical Education
Co-op	Cooperative Education Credit
0.5	1-semester credit
1.0	One year credit or two semesters credit

2008-2011 Graduation Requirements
HIGH SCHOOL GRADUATION REQUIREMENTS for Years 2008-2011 Graduates
 (Entered 9th Grade in Fall, 2006 or Before)

SUBJECT AREA	MINIMUM PROGRAM △ Signature Required	STATE BOARD OF EDUCATION RECOMMENDED PROGRAM *	DISTINGUISHED ACHIEVEMENT PROGRAM *
ENGLISH	4 credits English I, II, III, IV	4 credits English I, II, III, IV	4 credits English I, II, III, IV
MATH	3 credits* MUST INCLUDE Algebra I, Geometry, 3 rd math	3 credits* MUST INCLUDE Algebra I, Geometry, Algebra II	3 credits* MUST INCLUDE Algebra I, Geometry, Algebra II
SCIENCE	3 credits to be completed by the end of 11 th grade: MUST INCLUDE Integrated Physics & Chemistry (IPC), Biology and a Science Elective OR Biology, Chemistry, and Physics	3 credits to be completed by the end of 11th grade: MUST INCLUDE EITHER Biology, Chemistry, and Physics OR IPC, Biology, and Chemistry OR IPC, Biology, and Physics	3 credits to be completed by the end of 11 th grade: MUST INCLUDE EITHER Biology, Chemistry, and Physics OR IPC, Biology, and Chemistry OR IPC, Biology, and Physics
SOCIAL STUDIES	4 credits World Geography, World History, US History, US Government, Economics	4 credits World Geography, World History, US History, US Government, Economics	4 credits World Geography, World History, US History, US Government, Economics
FINE ARTS	0.0 credit	1.0 credit in the same course Art, Music, Theater, Dance	1.0 credit in the same course Art, Music, Theater, Dance
SPEECH	0.5 Communication Applications	0.5 Communication Applications	0.5 Communication Applications
HEALTH	0.5 credit or 1.0 Medical Science Careers	0.5 credit or 1.0 Medical Science Careers	0.5 credit or 1.0 Medical Science Careers
COMPUTER TECHNOLOGY APPLICATIONS	1.0 credit from the following: Computer Science, Business Computer Information Systems, Computer Applications, Desktop Publishing, Multimedia, Video Technology or Web Mastering	1.0 credit from the following: Computer Science, Business Computer Information Systems, Computer Applications, Desktop Publishing, Multimedia, Video Technology or Web Mastering	1.0 credit from the following: Computer Science, Business Computer Information Systems, Computer Applications, Desktop Publishing, Multimedia, Video Technology or Web Mastering
FOREIGN LANGUAGE	0.0 credit	2.0 credits Foreign language must be 2 credits of the same language.	3.0 credits Foreign language must be 3 credits of the same language.
PHYSICAL EDUCATION	1.5 credits** MUST INCLUDE Foundations of Personal Fitness (0.5 credit) unless 3 PE/EQ waivers	1.5 credits** MUST INCLUDE Foundations of Personal Fitness (0.5 credit) unless 3 PE/EQ waivers	1.5 credits** MUST INCLUDE Foundations of Personal Fitness (0.5 credit) unless 3 PE/EQ waivers
ELECTIVES	6.5 credits	3.5 credits	2.5 credits
SPECIALIZATION COMPONENTS	N/A	N/A	In addition to the required credits, students must also complete 4 advanced measures for the Distinguished Achievement Program. For details regarding this program see page 5.
TOTAL	24 credits	24 credits	24 credits

NOTE: Bolded text indicates differences in graduation programs.

The College Board advanced placement courses and International Baccalaureate courses may be substituted for requirements in appropriate areas.

△ Students entering 9th grade in 2004-05 and thereafter are required to complete the Recommended Program unless the plan is signed and agreed upon indicating course selections that meet Minimum Program requirements for graduation.

In addition to credit requirements students must show mastery on ALL state EXIT LEVEL TESTS.

* Middle school credit is **NOT** granted until **BOTH** semesters are completed **AT** middle school. Students can **NOT** complete 1st semester at middle school and 2nd semester at summer school, re: Spanish, French, and Algebra I. If Algebra I is taken in 8th grade, it must be recorded on the transcript. **Three years of math above Algebra I must be completed.**

** Students who take marching band, upon successful completion of the fall semester, will receive a waiver of the physical education requirement. Athletics, Cheerleading, Drill Team, JROTC, and Career and Technical Education courses (two or three credit courses only) taken in the fall or spring semester may substitute for the physical education requirement. Three semesters of these waivers will exempt a student from taking Foundations of Personal Fitness. All students are required to complete 1.5 credits of physical education for graduation. Students may be classified for physical education on the basis of health as to unrestricted, restricted, and adapted and remedial instruction. Students may earn **ONLY ONE-HALF STATE CREDIT PER SEMESTER** in PE or PE EQUIVALENT. A student may not receive a PE credit and PE waiver during the same semester. Students may earn no more than 2.0 credits toward state graduation requirements in physical education. All physical education credits i.e., Athletics, Drill Team, Cheerleading, beyond these 2 credits must receive local credit only. These local credits **DO NOT** count toward state graduation requirements.

* Students graduating under the SBOE Recommended Program or the Distinguished Achievement Program may qualify for TEXAS Grant (See Page 7.)

The Plano ISD Web site address for the Course Catalog is as follows: <http://www.pisd.edu/students/courses/index.shtml> The Web site contains the current year and previous years for student/parent reference.

Graduation Requirements-Students Entering 9th Grade 2007-08 School Year and After

SUBJECT AREA	MINIMUM PROGRAM Δ Signature Required	STATE BOARD OF EDUCATION RECOMMENDED PROGRAM *	DISTINGUISHED ACHIEVEMENT PROGRAM *
ENGLISH	4 credits: English I, II, III, IV	4 credits: English I, II, III, IV	4 credits: English I, II, III, IV
MATH	3 credits* MUST INCLUDE Algebra I, Geometry, 3 rd math	<p style="text-align: center;">4 CREDITS TOTAL</p> <p>3 credits* must be completed before the 4th math credit (Note: See Mathematical Models with Applications below for an exception):</p> <ul style="list-style-type: none"> • Algebra I, Geometry, Algebra II <p style="text-align: center;">AND</p> <p>1 credit consisting of SBOE approved math course which could include:</p> <ul style="list-style-type: none"> • Mathematical Models with Applications (Note: If selected, this course must be taken <i>before</i> Algebra II. • Math Independent Study • Pre-Calculus or IB Pre-Calculus • IB Math Studies • AP Statistics • AP Calculus AB or IB Calculus SL • AP Calculus BC or IB Calculus HL • AP Computer Science*** • Concurrent enrollment in college courses • Additional courses, if identified by the SBOE, may be added 	<p style="text-align: center;">4 CREDITS TOTAL</p> <p>3 credits*</p> <ul style="list-style-type: none"> • Algebra I, Geometry, Algebra II <p style="text-align: center;">AND</p> <p>1 credit consisting of SBOE approved math course for which Algebra II is a prerequisite, which could include:</p> <ul style="list-style-type: none"> • Math Independent Study • Pre-Calculus or IB Pre-Calculus • IB Math Studies • AP Statistics • AP Calculus AB or IB Calculus SL • AP Calculus BC or IB Calculus HL • AP Computer Science • Concurrent enrollment in college courses • Additional courses, if identified by the SBOE, may be added
SCIENCE	3 credits to be completed by the end of 11 th grade: MUST INCLUDE Integrated Physics & Chemistry (IPC), Biology and a Science Elective OR Biology, Chemistry, and Physics	<p style="text-align: center;">4 CREDITS TOTAL</p> <p>3 credits To be completed by the end of 11th grade: MUST INCLUDE EITHER Biology, Chemistry, and Physics</p> <p style="text-align: center;">OR</p> <p>IPC, Biology, and Chemistry</p> <p style="text-align: center;">OR</p> <p>IPC, Biology, and Physics (Note: IPC cannot be taken as the 4th science credit.)</p> <p style="text-align: center;">AND</p> <p>1 credit After completing the first 3 credits from above, a student must take a 4th year of science, selected from one of the following:</p> <ul style="list-style-type: none"> • Anatomy and Physiology of Human Systems • AP Biology or IB Biology (second year) • AP Chemistry or IB Chemistry • AP Environmental Science • AP Physics or IB Physics • Environmental Systems • Geology, Meteorology, and Oceanography • Scientific Research and Design • Concurrent enrollment in college courses • Additional courses, if identified by the SBOE, may be added 	<p style="text-align: center;">4 CREDITS TOTAL</p> <p>3 credits</p> <ul style="list-style-type: none"> • Biology • Chemistry • Physics <p style="text-align: center;">AND</p> <p>1 credit After successful completion of biology, chemistry, and physics, a student may select the 4th required credit from any of the following lab-based courses:</p> <ul style="list-style-type: none"> • Anatomy and Physiology of Human Systems • AP Biology or IB Biology (second year) • AP Chemistry or IB Chemistry • AP Environmental Science • AP Physics or IB Physics • Environmental Systems • Geology, Meteorology, and Oceanography • Scientific Research and Design • Concurrent enrollment in college courses • Additional courses, if identified by the SBOE, may be added <p>Note: IPC CANNOT count for this program.</p>
SOCIAL STUDIES	4 credits World Geography, World History, US History, US Government, Economics	4 credits World Geography, World History, US History, US Government, Economics	4 credits World Geography, World History, US History, US Government, Economics
FINE ARTS	0.0 credit	1.0 credit in the same course Art, Music, Theater, Dance	1.0 credit in the same course Art, Music, Theater, Dance
SPEECH	0.5 Communication Applications	0.5 Communication Applications	0.5 Communication Applications

HEALTH	0.5 credit or 1.0 Medical Science Careers	0.5 credit or 1.0 Medical Science Careers	0.5 credit or 1.0 Medical Science Careers
COMPUTER TECHNOLOGY APPLICATIONS	1.0 credit from the following: Computer Science, Business Computer Information Systems, Computer Applications, Desktop Publishing, Multimedia, Video Technology or Web Mastering	1.0 credit from the following: Computer Science, Business Computer Information Systems, Computer Applications, Desktop Publishing, Multimedia, Video Technology or Web Mastering	1.0 credit from the following: Computer Science, Business Computer Information Systems, Computer Applications, Desktop Publishing, Multimedia, Video Technology or Web Mastering
FOREIGN LANGUAGE	0.0 credit	2.0 credits Foreign language must be 2 credits of the same language.	3.0 credits Foreign language must be 3 credits of the same language.
PHYSICAL EDUCATION	1.5 credits** MUST INCLUDE Foundations of Personal Fitness (0.5 credit) unless 3 PE/EQ waivers	1.5 credits** MUST INCLUDE Foundations of Personal Fitness (0.5 credit) unless 3 PE/EQ waivers	1.5 credits** MUST INCLUDE Foundations of Personal Fitness (0.5 credit) unless 3 PE/EQ waivers
ELECTIVES	6.5 credits	3.5 credits	2.5 credits
SPECIALIZATION COMPONENTS	N/A	N/A	In addition to the required credits, students must also complete 4 advanced measures for the Distinguished Achievement Program. For details regarding this program see page 5.
TOTAL	24 credits	26 credits	26 credits

NOTE: Bolded text indicates differences in graduation programs.

The College Board advanced placement courses and International Baccalaureate courses may be substituted for requirements in appropriate areas.

△ Students entering 9th grade in 2004-05 and thereafter are required to complete the Recommended Program unless the plan is signed and agreed upon indicating course selections that meet Minimum Program requirements for graduation.

In addition to credit requirements students must show mastery on ALL state EXIT LEVEL TESTS.

* Middle school credit is **NOT** granted until **BOTH** semesters are completed **AT** middle school. Students can **NOT** complete 1st semester at middle school and 2nd semester at summer school, re: Spanish, French, and Algebra I. If Algebra I is taken in 8th grade, it must be recorded on the transcript. **Three years of math above Algebra I must be completed.**

** Students who take marching band, upon successful completion of the fall semester, will receive a waiver of the physical education requirement. Athletics, Cheerleading, Drill Team, JROTC, and Career and Technical Education courses (two or three credit courses only) taken in the fall or spring semester may substitute for the physical education requirement. Three semesters of these waivers will exempt a student from taking Foundations of Personal Fitness. All students are required to complete 1.5 credits of physical education for graduation. Students may be classified for physical education on the basis of health as to unrestricted, restricted, and adapted and remedial instruction. Students may earn **ONLY ONE-HALF STATE CREDIT PER SEMESTER** in PE or PE EQUIVALENT. A student may not receive a PE credit and PE waiver during the same semester. Students may earn no more than 2.0 credits toward state graduation requirements in physical education. All physical education credits i.e., Athletics, Drill Team, Cheerleading, beyond these 2 credits must receive local credit only. These local credits **DO NOT** count toward state graduation requirements.

*****AP Computer Science may count as either a math requirement or a computer technology requirement but not both.**

* Students graduating under the SBOE Recommended Program or the Distinguished Achievement Program may qualify for TEXAS Grant (See Page 7.)

The Plano ISD Web site address for the Course Catalog is as follows: <http://www.pisd.edu/students/courses/index.shtml> The Web site contains the current year and previous years for student/parent reference.

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	AP / IB *	Pre-AP / IH / Honors*	Regular	Modified	Applied/Fundamental
97 & 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) for identified courses and grade points.

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

DISTINGUISHED ACHIEVEMENT PROGRAM

Purpose: The Distinguished Achievement Program recognizes students who demonstrate levels of performance equivalent to that of college students or work done by professionals in the arts, sciences, business, industry, or in community service. Student performance on advanced measures, other than Advanced Placement tests, may be assessed through an external review process.

Students must obtain approval prior to pursuing credits for college courses, products of professional quality, or original research/projects. Documentation of completion of the four advanced measures even if this documentation is received after graduation (in the case of AP or IB scores) must be provided.

Distinguished Achievement Program (26 Credits)
<p><u>Requirements:</u></p> <p>A student must achieve any combination of four of the following prior to graduation:</p> <p><u>Original research/project</u> (no more than two of the four advanced measures):</p> <ul style="list-style-type: none">▪ Individual product of professional quality as judged by a panel of professionals in the field that is the focus of the project. Students are limited to one advanced measure (individual product) from this category. Prior approval is required for this category.▪ Approved Individual Products/Original Research Projects<ul style="list-style-type: none">▪ International Baccalaureate extended essay▪ Award winning Science Fair Projects approved through Plano ISD Science Department▪ Mentor based projects completed through approved mentor courses <p>Students must be enrolled in an approved course or under the supervision of a Plano ISD teacher to complete an advanced measure in this category. External evaluation of a project must be maintained in the student's cumulative folder and documented on the student's permanent record card and counselor card.</p> <p><u>Test data:</u></p> <ul style="list-style-type: none">▪ A score of three or above on a College Board Advanced Placement examination;▪ A score of four or above on an International Baccalaureate examination;▪ A score on the Preliminary Scholastic Assessment Test (PSAT) that qualifies a student for recognition as a Commended Scholar or higher by the National Merit Scholarship Corporation; as part of the National Hispanic Scholar Program of The College Board; or as part of the National Achievement Scholarship Program for Outstanding Negro Students of the National Merit Scholarship Corporation. The PSAT score may count as only one advanced measure regardless of the number of honors received by the student. <p><u>College courses:</u></p> <ul style="list-style-type: none">▪ A grade of A or B in a college course. (Examples: advanced math, foreign language or concurrent enrollment in Plano ISD) Students are limited to one advanced measure from this category. Prior approval is required for this category.

❖ Students graduating under the SBOE Recommended Program or the Distinguished Achievement Program may qualify for TEXAS Grant (See Next Page.)



TOWARD EXCELLENCE, ACCESS, & SUCCESS (TEXAS) GRANT PROGRAM

www.COLLEGEFORTEXANS.COM

PROGRAM PURPOSE

The purpose of the program is to provide a grant of money to enable well-prepared eligible students to attend public and private nonprofit institutions of higher education in Texas. The priority in making awards is to provide continued funding to recipients already enrolled in the program who are in college and are making progress toward their degrees.

Who can compete for an award?

A student who meets one of the following two eligibility categories:

- Be a Texas resident;
- Have not been convicted of a felony or a crime involving a controlled substance*;
- Show financial need
- **AND**
 - Complete the Recommended High School Program or Distinguished Achievement Program in high school.
 - Enroll in a non-profit public college or university in Texas within 16 months of graduation from a public or accredited private high school in Texas.
 - Have accumulated no more than 30 semester credit hours, excluding those earned for dual or concurrent courses or awarded for credit by examination (AP, IB or CLEP).
- **OR**
 - Have earned an associates degree from a public technical, state or community college in Texas no earlier than May 1, 2001, and
 - Enroll in any public university in Texas no more than 12 months after receiving your associate degree.

Please note that funding in this program is limited. Though you may meet eligibility requirements, your financial aid package may not include this grant if funds are not available at your college.

*An individual convicted of a crime involving a controlled substance can compete for an award in this program two years after he/she has fulfilled his/her obligation to society.

When should students apply?

Because funding in this program is limited, students should apply as early as possible. Deadlines vary by institution, but fall and spring grants are generally awarded in the spring prior to enrollment.

How much can a student receive through the program?

The award amount depends on the tuition and fees to be paid by the student. In general, it is an amount equal to the student's tuition and required fees at public institutions. (For 2005-2006, the award is approximately: \$4,392 per year for public university students; \$1,552 per year for community college students; and \$2,295 per year for technical college students, based on enrollment of 15 semester credit hours, fall and spring semesters.) Private institution awards are based on the public university amount.

Is this a one-time award?

By the end of your first year in the program, you must meet academic standards set by your institution in order to receive a TEXAS Grant the following year. This usually means completing 75 percent of the hours you attempted (for example, nine of 12 semester credit hours) each semester with a 2.5 grade point average (GPA). As of the end of your second or later year in the program, you must have completed at least 24 semester credit hours each year with a 2.5 grade point average (GPA) and must have completed 75 percent of the hours you attempted.

If you were awarded a TEXAS Grant based on your high school performance, you may be eligible to continue to receive the TEXAS Grant for:

- Up to 150 semester credit hours;
- Up to five years (six years if you are in a five-year degree plan); or
- Until you receive a bachelor's degree (whichever comes first).

How do students apply?

Students must complete the [Free Application for Federal Student Aid \(FAFSA\)](#). Awards will be made by the financial aid office at the student's college or university. Persons interested in the program should contact the financial aid office at the student's college or university to find out about deadlines and additional procedures.

The TEXAS Grant program sponsored by the State of Texas does not require students to pay an application fee. To apply for this program, complete the FAFSA. Parents and students should be wary of companies requesting application fees for state and federal financial aid programs. If you have received an offer from such a company and are concerned about their business practices, you may wish to contact your local Better Business Bureau, the Consumer Protection Office of the Attorney General of Texas at 800-621-0508 or the Scholarship Scams Division of the Federal Trade Commission at 877-FTC-HELP.

The TEXAS Grant, a state program, should not be confused with the Texas National Grant offered by Consumer Grants U.S.A. of Florida.

Where can I get additional information?

Contact your college financial aid office for additional information on eligibility or availability of funds. To read more about this program, check out: [Texas Education Code, Chapter 56](#) and [Coordinating Board Rules, Chapter 22, Subchapter L](#).

¹The transcript for a student who graduated from an accredited private high school must include information indicating that the student has completed or is scheduled to complete the equivalent of the recommended or distinguished achievement curriculum. If the student was unable to complete the appropriate curriculum because the high school did not offer all the courses necessary to do so and the student has completed all courses that the high school did offer, the student may still be eligible for an award.

COLLEGE PREPARATION TIMELINE

Grades

Goals and Objectives

Grades 6 - 7

Begin to establish career goals and objectives.

Grade 8

Plan four-year high school academic program. Each student attends an academic conference with parents and a school counselor during which course selections are chosen for the high school years. Review college catalogs, publications and Web sites, which give college profiles and entrance requirements.

Grade 9

Re-evaluate career goals and objectives. Review academic four-year plan.

Grade 10

Review academic plan. Re-evaluate goals and objectives. Confer with parent(s) and the high school counselor to decide on courses for the 11th grade. Take a practice PSAT in October. Review college catalogs, publications, and Web sites which give college profiles.

Grade 11

Review academic plans and narrow college choices. Confer with parent(s) and the high school counselor to decide on courses for the senior year and to discuss post graduation plans. Attend College Night in September. Take PSAT in October (National Merit Qualifying Test). Take SAT or ACT in the late spring. Explore scholarship opportunities.

Grade 12

Finalize college choices. Confer with counselor in early fall. Attend college night in September. Take SAT and/or ACT in October or November. Send regular decision applications early in the fall semester. Send housing application in the early fall. Discuss financial aid programs in November or December. Send federal financial aid applications in January. Send local scholarship applications in spring.

“*University Ready* is designed to aid Plano students and parents as they prepare for all aspects of post-secondary experience.” Be sure to take time to investigate Plano ISD’s *University Ready* at www.ur.pisd.edu as a resource tool during your college preparation years.

HIGH SCHOOL PROGRAM

Textbooks

Textbooks are state-owned (the property of the state of Texas) and are issued to students in Plano ISD free of charge. Each student is responsible for his/her textbooks issued by their school and is responsible for payment for lost and/or damaged textbooks occurring in the school year. No textbooks are distributed from the campuses for the following: Credit by Exam, Correspondence Courses, eSchool courses, and Concurrent Enrollment Courses.

English as a Second Language (ESL)

All students who register in this school district will complete a home language survey form. If this survey indicates that a language other than English is spoken in the home or is spoken by the student most of the time, the student must be referred to the Language Assessment Center for evaluation. After the language evaluation, the LPAC Committee will make recommendations about ESL Services. Students who qualify for ESL services may enroll in ESL classes.

The English as a Second Language (ESL) program shall be an integral part of the regular educational program. State-adopted English as a second language instructional materials and supplementary materials are used as curriculum tools. This program is aligned with the district's general education literacy program. The English as a second language program shall address the affective, linguistic, and cognitive needs of limited English proficient students.

ESL classes, which focus on intensive development of listening, speaking, reading, and writing skills in English, are offered to English Language learners at all secondary campuses.

COURSES

Acceleration

Students may request to take examinations for acceleration in academic subjects. See the counselor for more information.

Concurrent Enrollment Courses

Plano ISD juniors and seniors may take certain courses with Collin County Community College for high school credit and college credit. These courses will be taught on the senior high school campuses. More information will be available through the high school and senior high school counseling departments.

Elective Courses

In addition to these required courses, students may choose other courses to complete their schedules. The number of elective courses that students may choose varies from year to year.

Honors/IH/PreAP Courses

Honors/IH/PreAP courses have specific entry criteria for highly motivated students. A differentiated honors curriculum includes a wider range and greater depth of subject matter than that of the regular course. Emphasis is placed on higher level and critical thinking skills, on creative, productive thinking, and on independent guided research.

Local/No State Credit Courses

Local credit courses are approved by the Board of Trustees for local credit only. **These courses do not count toward state graduation requirements.** Local credit courses cannot be used to fulfill the minimum number of credits on any graduation plan. Local credit courses are included in the calculation of the Grade Point Average (GPA) with the exception of all aide positions, Academic Decathlon, and courses repeated for local credit.

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.

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.)

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	Girls Sports
Baseball*	Basketball*
Basketball*	Cross Country
Cross Country	Diving*
Diving*	Golf*
Football	Soccer*
Golf*	Softball*
Soccer*	Swimming*
Swimming*	Tennis*
Tennis*	Track
Track	Volleyball*
Wrestling	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 Initial Eligibility Clearinghouse **after completion of the student's junior year**. The Clearinghouse was established as a separate organization by the NCAA member institutions in January 1993. The Clearinghouse ensures consistent interpretation of NCAA initial eligibility requirements for all prospective student athletes at all member institutions. See the Web site at www.ncaaclearinghouse.net for more information.

Cheerleading Program

Tryouts for cheerleading are held before judges and the student body during the spring semester of the preceding year. All students must meet the criteria set up by the PISD guidelines. Interested students should contact the individual school campus cheerleading sponsor/coach, as tryout packets are available as early as February. Tryouts are conducted during the 5th six weeks grading period if possible.

Drill Team Program

Tryouts for drill team are held during the spring semester of the preceding year. All students must meet the criteria set up by the PISD guidelines. Interested students should contact the individual school campus drill team sponsor. Tryout packets for drill team are available as early as January.

Gifted and Talented Program

The high school gifted student is served through the PACE Humanities I and II, honors, IH/PreAP, Advanced Placement, and International Baccalaureate courses. In addition, specific subject honors courses and fine arts electives provide challenge and enrichment for these students. Presentations and research projects are important components of all PACE classes.

Special Education Services Program

Special education services are provided for each student who meets eligibility requirements. Students eligible for special education services may have learning differences, emotional/behavioral concerns and/or physical challenges (i.e., vision or hearing impairments). Consideration of a student's eligibility for special education services is initiated by a referral to the Campus Assessment Team, which may be requested by parents, school personnel or outside agencies. Separate parental consents are required in order to conduct the evaluation and initiate services.

Four components best describe the special education process:

- Determining the needs of each student
- Preparing an Individualized Education Program (IEP) for each student based on needs
- Implementing the IEP in the least restrictive environment
- Annually evaluating the student's progress and developing the IEP to address the student's needs

Special Education services are provided under state and federal guidelines. Students receiving special education services can earn course credit through general education, special education, or a combination of both. The courses that a student takes will be determined by an Admission, Review, and Dismissal (ARD) Committee.

Physical Education Equivalent (Waivers)

One and one-half credits of physical education are required for graduation by the state of Texas; however, a student may earn up to two credits of PE toward graduation. Beyond these two credits, all physical education courses such as Athletics, Drill Team, and Cheerleading, MUST receive LOCAL CREDIT only. These local credits DO NOT count toward state graduation requirements; however, they do count toward the GPA (Grade Point Average).

Students must complete 3 semesters of waivable physical education courses to be exempt from Foundations of Personal Fitness. If they have one or two waivable semester physical education credits, they MUST take Foundations of Personal Fitness to complete their PE requirement. A good rule to remember is that students must have 3w's (three waivable semesters) to be exempt from Foundations of Personal Fitness.

In addition to the regular physical education courses, there are several ways to accumulate these 1 1/2 - 2 credits:

Athletics - A student who successfully completes athletics receives physical education equivalent credit for each semester of athletics. Four semesters of athletics or 2 credits may count toward state graduation requirements. Any additional participation in athletics will receive LOCAL CREDIT only and will NOT count toward state graduation requirements; however, they do count toward the GPA (Grade Point Average).

Drill Team and Cheerleading - A student who successfully completes drill team or cheerleading may receive one-half credit of physical education equivalent credit toward the physical education state graduation requirements. The student may receive up to four semesters of PE equivalent credit toward state physical education requirements. Any additional participation in drill team or cheerleading will receive LOCAL CREDIT only and will NOT count toward state graduation requirements; however, they do count toward the GPA (Grade Point Average).

Marching Band - A student who successfully completes marching band during the **FALL** semester may receive a waiver of one semester of the state physical education requirements. The student may receive a waiver of up to three semesters of physical education requirements through participation in marching band during the fall semester. This three-semester waiver meets the state graduation requirements for physical education. A student may not receive both physical education credit and a physical education waiver credit during the same semester. Also, a student may not receive two waiver credits during the same semester.

JROTC and Career and Technical Education - A student who successfully completes JROTC or a two or three credit career education course may receive a waiver of one semester of state-required PE for each semester of the JROTC or career education course. The student may waive up to three semesters of physical education credit through participation in JROTC or a two or three credit career and technical education course. A physical education credit and a physical education waiver credit cannot be earned during the same semester. However, this does not preclude receiving a PE credit and receiving a ROTC elective credit. Also, a student may not receive two waiver credits during the same semester. Any student that receives LESS THAN 1.5 CREDITS of "waiver" or "equivalent" physical education is required to have credit for the Foundations of Personal Fitness course before graduation.

The following career and technical education courses will satisfy the physical education waiver each semester for which the student is enrolled up to 3 semesters:

Advertising Design I	2 credit course
Advertising Design II	2 credit course
Automotive Collision Repair and Refinishing Technology I	2 credit course
Automotive Collision Repair and Refinishing Technology II	2 credit course
Automotive Technology I	2 credit course
Automotive Technology II	2 credit course
Business Education Career Preparation	3 credit course
Clinical Rotation I	2 credit course
Clinical Rotation II	2 credit course
Culinary Arts I	2 credit course
Culinary Arts II	2 credit course
Drafting I	2 credit course
Drafting II	2 credit course
Early Childhood Professions I	2 credit course
Early Childhood Professions II	2 credit course
Family and Consumer Sciences Career Preparation I	3 credit course
Family and Consumer Sciences Career Preparation II	3 credit course
Fashion Design II	2 credit course
Marketing Dynamics Co-op	3 credit course
Marketing Management Co-op	3 credit course
Trade and Industrial Career Preparation I	3 credit course
Trade and Industrial Career Preparation II	3 credit course
Veterinary Medical Assistant II	2 credit course

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 them to be involved in a program that provides training exceeding that offered in the school district. The student taking this course for physical education credit may NOT be enrolled in another physical education class or athletics while participating in the Off-Campus Physical Education Program. A maximum of 2 credits can be earned towards state high school graduation requirements. However, if a student has previously earned a maximum of two credits of physical education, the student receives NO CREDIT toward state high school graduation requirements; however, they do count toward the GPA (Grade Point Average). A student interested in this program should contact his/her campus counselor for application and guidelines concerning off-campus physical education.

Off-campus physical education, currently considers the following activities: **art skating, dance, equestrian, fencing, gymnastics, ice hockey, ice skating, lacrosse, martial arts, middle school golf, rock climbing, swimming, tennis, and track cycling**. There is a fee for participation in the off-campus physical education program. The student must participate in his/her activity, **under professional supervision, a minimum of 10 hours each week for Category 2 (cannot leave campus) OR a minimum of 15 hours for Category 1 (can leave campus one class period early) at one approved agency**. The student must participate in the sport at least a minimum of four (4) days during the week (Monday through Friday) plus one (1) additional day that may fall on either the weekend or during the week for a total of five (5) days per week.

ADVANCED CLASSES IDENTIFIED FOR NO-PASS, NO-PLAY EXEMPTION

Texas Education Agency/University Interscholastic League Academic Requirements (No Pass, No Play)

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

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

The list of waivable courses has changed from the 2006-2007 list. 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 7 Honors English 8 Honors PACE 6, 7, 8	Science Science Grade 7 Honors Science Grade 8 Honors
Mathematics Math Grade 6 Honors Math Grade 7 Honors Math Grade 8 Honors Algebra I Honors	Languages Other Than English Spanish III Honors Spanish IV AP
Social Studies PACE 6, 7, 8	

HIGH SCHOOL/SENIOR HIGH SCHOOL WAIVABLE COURSES

Advanced Placement Courses All	International Baccalaureate Courses All
English Language Arts English I Honors/IH/PreAP English II Honors/IH/PreAP English III Honors/IH/PreAP English IV Honors	Science Honors Biology I/IH/PreAP Honors Chemistry I/IH/PreAP Honors Physics I/PreAP Honors Research and Design
Mathematics Algebra I Honors Algebra II Honors Geometry Honors Pre-Calculus Honors	Social Studies Honors Sociology Honors World History Honors World Geography
Languages Other Than English French French II Honors/IH/PreAP French III Honors/IH/PreAP German German II Honors/PreAP German III Honors/PreAP Latin Latin II Honors/PreAP Latin III Honors/PreAP Spanish Spanish II Honors/IH/PreAP Spanish III Honors/IH/PreAP Chinese Chinese II Honors/PreAP Chinese III Honors/PreAP	Gifted and Talented Humanities I Honors/Gifted Humanities II Honors/Gifted
	Dual Credit Any dual credit course in English, mathematics, science, social studies, economics, or a language other than English.

ADVANCED PLACEMENT PROGRAM

COURSES FOR COLLEGE CREDIT

WHAT IS AP?

The Advanced Placement (AP) Program of the College Board enables students to complete college-level studies at Plano East Senior High, Plano Senior High and Plano West Senior High Schools. A limited number of Advanced Placement courses may be offered on the Grade 9-10 campuses. This "academic bridge" helps smooth the transition from high school to college. The primary goals of the AP Program are to enrich the secondary school experience of students ready to apply themselves to college-level courses and to provide the means by which colleges may grant credit or placement, or both, to students with satisfactory AP test scores.

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.

BENEFITS OF AP

The benefits of the AP Program extend beyond students receiving college credit, placement, or both, for exam performance. AP encourages critical and creative thought and fine-tunes analytical skills. It stretches students' reasoning ability. AP courses teach them how to manage their time while they learn how to deal with college-level work. The classes emphasize the development of independent study skills.

ENROLLING IN AP COURSES

Students entering high school need to plan with their counselors to insure that all prerequisite courses are scheduled early enough to allow them to take the AP course(s) of their choice at the senior high level. Most AP courses are one hour in length, the exceptions being AP Studio Art, AP Biology, and AP Chemistry, which require two-hour blocks of time. All AP courses earn advanced placement grade points.

Students pay an AP Examination fee per test in early spring.

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:

Art History	Macroeconomics
Art – Two-Dimensional Design	Microeconomics
Art – Three-Dimensional Design	European History
Art – Drawing Portfolio	Government - Comparative
Biology	Government and Politics - U.S.
Chemistry	United States History
Physics B	World History
Physics C	Human Geography
Environmental Science	Psychology
Computer Science A	Spanish Language
Computer Science AB	French Language
Calculus AB	German Language
Calculus BC	Latin – Vergil
Statistics	Latin – Catullus – Horace
English Language and Composition	Spanish Literature
English Literature and Composition	French Literature
Music Theory	Chinese Language and Culture

INTERNATIONAL BACCALAUREATE PROGRAM

The International Baccalaureate Program is a rigorous course of study designed to meet the needs of highly motivated secondary students and to promote international understanding. The effectiveness of the IB program is due not only to the depth of the individual courses, but also to the comprehensive nature of the program. Unlike other honors programs, the IB Program requires each student to take courses in six academic areas. To qualify for the International Baccalaureate Diploma, students must take examinations in six subject areas, participate in the Creativity, Action, and Service (CAS) program, and write an extended essay during the 11th and 12th grade years.

The diploma candidate must also take a unique course known as Theory of Knowledge. In this course, students explore the connections and similarities between the various subjects, learn to think, and apply interrelated concepts.

Many students earning the IB Diploma are awarded advanced college credit at prestigious universities around the world. Many highly competitive colleges and universities recognize the IB Diploma for admissions and/or advanced standing. Texas public universities award 24 credit hours for an IB diploma in which all tests have earned at least a grade of 4 (on a 1-7 scale). An increasing number of states are following suit by awarding significant credit for the IB diploma.

PISD students enter the International Honors Program at either Clark High School or Williams High School in the ninth-grade followed by the two-year IB Program at Plano East Senior High. IB students may also participate in the Advanced Placement (AP) Program in grades 11 and 12.

Certified as an IB school in July 1995, the Plano East program carefully screens students on the basis of academic potential. All students admitted to the International Honors and the IB programs are full diploma candidates.

The IB Curriculum:

Six subject groups comprise the core of the IB curriculum. The IB Diploma candidate is required to select one subject from each of the six areas.

Group 1: Language A	English
Group 2: Language B	French, Spanish
Group 3: Individuals and Societies	History, Economics
Group 4: Experimental Sciences	Biology, Chemistry, Physics
Group 5: Mathematics	Calculus, Mathematical Methods, Mathematical Studies
Group 6: Arts & Electives	Visual Arts, Environmental Systems, Computer Science, (or a second group 3 or 4)

At least three and not more than four of the six subjects are taken at the Higher Level (HL) (two-year course), the others at the Standard Level (SL) (one-year course). Each examined subject is graded on a scale of 1 (minimum) to 7 (maximum). The award of the Diploma requires a minimum total of 24 points.

IB DIPLOMA REQUIREMENTS

To be eligible for the award of the IB Diploma at the conclusion of the senior year, all candidates, during the 11th and 12th grades, must

- successfully complete prescribed course work and an examination from each of the above groups,
- submit an extended essay of 4000 words in one of the subjects of the IB curriculum,
- complete the Theory of Knowledge (TOK) course, and
- complete 150 Creativity, Action, and Service (CAS) hours.

ADMISSIONS AND SELECTION PROCESS

Students from throughout Plano ISD are eligible to apply for the International Honors programs at Clark High School and Williams High School and in the IB Program at Plano East Senior High School. Students must submit a completed application packet during the first semester of their eighth-grade year. Selection will be based on the following criteria:

- demonstrated excellence in academic performance,
- outstanding scores on standardized achievement tests,
- five teacher recommendations (from math, science, social studies, English, and one other to be chosen by the student),
- a graded essay, and
- parental consent and support.

Orientation sessions and applications will be made available to interested eighth-graders and their parents in October of each year. (A timetable for submission of the application, committee review, notification of committee results, and registration will be available at the same time.)

PROCEDURE FOR ADMISSION TO & EXIT FROM GIFTED & 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 – 10 through the Humanities class, with additional services for gifted students through Advanced Placement and International Baccalaureate classes serving grades 11 and 12.

- II. Procedure for Admission

All students new to PISD must follow the screening/selection procedures for possible program admission. PACE students who transfer within the district automatically continue program placement.

 - A. The referral form (available at school) is completed prior to the designated deadline. A student, parent, teacher, counselor, administrator, or other professionals may make referrals.

 - B. Screening data is collected. Data may include the following:
 1. Aptitude 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 and considers all students who meet criteria.

 - 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 are held.

 - C. The PACE Exit Form is completed and signed.

 - D. The campus placement committee meets.

SPECIAL EDUCATION SERVICES

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

- II. Procedures for Admission/Review/Dismissal/Transfer
 - A. New referrals
 1. Parents, school personnel or community agencies may make referrals for special education evaluations.
 2. All referrals are directed to the Campus Assessment Team.
 3. The Campus Assessment Team collects information from teachers and parents.
 4. The Campus Assessment Team requests a Full Individual Evaluation (FIE) if there is a suspicion of a disability **and** an educational need for special education services.
 5. A meeting may be held prior to the evaluation for the purpose of defining the specific areas to be assessed.
 6. Parents provide written consent for the evaluation. The evaluation must be completed within 60 calendar days from the date the district receives written consent from the parent.
 7. The Admission, Review, Dismissal / Individualized Education Program (ARD/IEP) Committee, which includes parents, will meet to consider eligibility, goals, objectives and placement.
 8. Parents provide written consent for the initial provision of special education services if eligibility is established and services are recommended.

 - B. Transfers from special education programs outside the district
 1. Parents/Students provide campus personnel with documentation of prior special education services at the time of registration.
 2. Campus staff confirms the provision of prior special education services.
 3. Services begin immediately. Within 30 school days, any changes determined necessary in the current IEP must be addressed by the ARD/IEP Committee.

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

 - D. Grading Procedures
 1. Students receiving special education services must achieve the grade or mastery level indicated in his/her IEP or report card for each course in order to pass and earn credit for the course. Grades should reflect progress toward completion of IEP goals and objectives as well as demonstrated mastery of course content. To promote a successful academic experience for the student, the ARD/IEP committee may modify course content by altering curriculum and/or adjusting mastery levels.
 2. General Education Credit: For courses in which the mastery of the Texas Essential Knowledge and Skills has not been modified, the report card/transcript reflects general education credit. In this case, accommodations can be made for the student (e.g., extended time for tests or assignments, shortened assignments, highlighted texts). The ARD/IEP committee determines needed accommodations.
 3. Modified Course Credit: Courses in which the Texas Essential Knowledge and Skills are modified, are coded with an "M (Modified), A (Adapted) or F (Fundamental)" on the report card and transcript to indicate that the course was modified. A general education teacher or special education teacher may assign grades.

E. Graduation Requirements (**§89.1070 Commissioner/SBOE Rules**)

- (a) Graduation with a regular high school diploma under subsection (b) or (d) of this section terminates a student's eligibility for special education services under this subchapter and Part B of the Individuals with Disabilities Education Act (IDEA), 20 United States Code, §§14.00 et seq. In addition, as provided in Texas Education Code (TEC), §42.003(a), graduation with a regular high school diploma under subsection (b) or (d) of this section terminates a student's entitlement to the benefits of the Foundation School Program.
- (b) A student receiving special education services may graduate and be awarded a high school diploma if:
 - 1) The student has satisfactorily completed the state's or district's (whichever is greater) minimum curriculum and credit requirements for graduation applicable to students in general education, including satisfactory performance on the exit level assessment instrument; or
 - 2) The student has satisfactorily completed the state's or district's (whichever is greater) minimum curriculum and credit requirements for graduation applicable to students in general education and has been exempted from the exit-level assessment instrument under TEC, §39.027(a) (2) (B).
- (c) A student receiving special education services may also graduate and receive a regular high school diploma when the student's admission, review, and dismissal (ARD) committee has determined that the student has successfully completed:
 - 1) the student's individualized education program (IEP) and met one of the following conditions:
 - A) Full-time employment, based on the student's abilities and local employment opportunities, in addition to sufficient self-help skills to enable the student to maintain the employment without direct and ongoing educational support of the local school district;
 - B) Demonstrated mastery of specific employability skills and self-help skills which do not require direct ongoing educational support of the local school district; or
 - C) Access to services, which are not within the legal responsibility of public education, or employment or educational options for which the student has been prepared by the academic program;
 - 2) the state's or district's (whichever is greater) minimum credit requirements for students without disabilities; and
 - 3) the state's or district's minimum curriculum requirements to the extent possible with modifications/substitutions only when it is determined necessary by the ARD committee for the student to receive an appropriate education.
- (d) A student receiving special education services may also graduate and receive a regular high school diploma upon the ARD committee determining that the student no longer meets age eligibility requirements and has completed the requirements specified in the IEP.
- (e) When considering a student's graduation under subsection (c) of this section, the student shall be evaluated prior to graduation as required by 34 CFR, §300.534(c), and the ARD committee shall consider the evaluation, the views of the parent and/or student as appropriate, and, when appropriate, seek in writing and consider written recommendations from adult service agencies.
- (f) Students who participate in graduation ceremonies but who are not graduating under subsection (c) of this section and who will remain in school to complete their education do not have to be evaluated in accordance with subsection (e) of this section.

- (g) Employability and self-help skills referenced under subsection (c) of this section are those skills directly related to the preparation of students for employment, including general skills necessary to obtain or retain employment.
- (h) Students with disabilities who are eligible to take the exit level assessment instrument but have not performed satisfactorily are eligible for instruction in accordance with the TEC, §39.024.
- (i) For students who receive a diploma according to subsection (c) of this section, the ARD committee shall determine needed educational services upon the request of the student or parent to resume services, as long as the student meets the age eligibility requirements.

High school courses through independent Internet study

<http://planoisdeshool.net>

Plano ISD offers students grades 9-12 a flexible learning option.

WEBSITE AND ENROLLMENT PROCEDURES

The Plano ISD eSchool website can be accessed at www.planoisdeshool.net. Course listings and descriptions can be found on the website. Students will enroll online through the Plano ISD eSchool website. Currently enrolled Plano ISD students must follow the approval process through their campus counselor.

CREDIT REPORTING FOR PLANO ISD STUDENTS

Credit reporting for online courses will follow existing correspondence course policies. Plano ISD students must follow similar course selection and approval procedures through their campus counselor.

- Students will have a minimum of six weeks and a maximum of 18 weeks to complete courses.
- Students currently enrolled in Plano ISD will be allowed to take two eSchool courses at one time.
- Students currently enrolled in Plano ISD may earn a total of two credits through correspondence and/or off-campus online courses.
- Grades earned in eSchool courses shall not be used in computing class rankings. [Reference Plano ISD School Board Policy EHDE Local]

TUITION

Payment options:

1. Online through PISD eSchool website. (Visa, MasterCard, American Express)
2. Through a cashier's check or money order mailed to: (no personal checks accepted)
 - Plano ISD
 - Student Services/eSchool
 - 3540 E. 14th Street
 - Plano, TX 75074
3. Reimbursement guidelines:
 - Within 15 days of the online registration, students may cancel enrollment and receive a reimbursement, as per enrollment agreement. A fee of \$50.00 will be retained for administrative expenses.
4. Some courses may require the purchase of additional materials, such as textbooks, not included in the tuition fee.

Special Offer!

Plano ISD eSchool: Expanded Course Offerings!

In an effort to meet our students' needs, Plano ISD eSchool has developed **eighteen (18)** online courses locally. We are able to offer these courses at a reduced tuition cost. The tuition for the following courses is **\$230 to \$260 per semester**.

English 1, Semester 1*	English 4, Semester 1	World Geography, Semester 1
English 1, Semester 2*	English 4, Semester 2	World Geography, Semester 2
English 2, Semester 1*	Economics	United States Government
English 2, Semester 2*	Health	PE Foundations
English 3, Semester 1	World History, Semester 1	BCIS, Semester 1
English 3, Semester 2	World History, Semester 2	BCIS, Semester 2

*courses offered to Plano ISD students for credit recovery

Tuition for the courses listed below is \$300 per semester course.

Plano ISD eSchool Courses Available At This Time

Refer to website for updated course offerings.

<u>Courses for Graduation Credit</u>		<u>Courses for Non-Credit/Enhancement</u>
Algebra II	Business Connections	Pre Algebra
Geometry I	Career Planning	Algebra 1
Precalculus	Spanish I and Spanish II*	Oceanography
Chemistry I	[*credit recovery]	Study Skills
Physics I		
Psychology		



Students interested in eSchool: Please Read and Note.

▪ **Seniors:**

In order to ensure an eSchool course credit for graduation,

- Students must register for a course before the mid point of the semester.
- Students must complete all course work 3 weeks before the end of the semester.
- Please check with the eSchool office or your counselor for the specific dates.

▪ **Sophomores-Juniors:**

In order to take a course on the senior high campus, students must have successfully completed all prerequisite courses, including eSchool courses, before the beginning of the school year.

- There are a limited number of “seats” in each eSchool course. Registration for each course closes when that course is full and opens again as places become available. Therefore, registration for an eSchool course may be open or closed at any time.
- Before you register for a course, please make sure that you read and understand the eSchool Guidelines and Policies. Adherence to these guidelines, for example those concerning academic integrity, will be expected and consequences enforced.
- Each student will have a specific schedule for completing and turning in assignments.

When you register for an eSchool course, please make sure that you provide the email address that you intend to use throughout your course. That email address must be an active, functional account that will handle large file attachments.

If you have any questions or concerns, please contact the eSchool office at:

469-752-8894

eschool@pisd.edu

DESCRIPTIONS OF
HIGH SCHOOL/
SR. HIGH SCHOOL
COURSES OFFERED
TO PLANO ISD
STUDENTS

Teamwork for Excellence



P L A N O
Independent School District

ATHLETICS

The Plano school system offers a wide range of University Interscholastic League competitive sports from which the student may choose. One and one-half credits of physical education credit are required for graduation by the state of Texas; however, a student may earn up to two credits of PE credit toward credits required for graduation. **All physical education credits beyond these two credits MUST receive LOCAL CREDIT only. These local credits DO NOT count toward state graduation requirements; however, they do count toward the GPA (Grade Point Average).** 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 COURSE NUMBERS AND ANY CLARIFICATION REGARDING CREDITS.

Plano ISD Subject

Baseball 1 – 4 (Boys) Baseball 5 – 8 (Boys)	*May be offered after School at Grade 9
Basketball 1 – 4 (Boys) Basketball 5 – 8 (Boys)	
Basketball 1 – 4 (Girls) Basketball 5 – 8 (Girls)	
Cross Country 1 – 4 (Boys) Cross Country 5 – 8 (Boys)	*Fall Semester and on Senior High Campuses Only *Fall Semester and on Senior High Campuses Only
Cross Country 1 – 4 (Girls) Cross Country 5 – 8 (Girls)	*Fall Semester and on Senior High Campuses Only *Fall Semester and on Senior High Campuses Only
Diving 1 – 4 (Co Ed)* Diving 5 – 8 (Co Ed)*	*Senior High Campuses Only *Senior High Campuses Only
Football 1 – 4 (Boys) Football 5 – 8 (Boys)	
Golf 1 – 4 (Co Ed)* Golf 5 – 8 (Co Ed)*	*Practices Held At Local Designated Golf Courses *Practices Held At Local Designated Golf Courses
Soccer 1 – 4 (Boys) Soccer 5 – 8 (Boys)	*Senior High Campuses Only *Senior High Campuses Only
Soccer 1 – 4 (Girls) Soccer 5 – 8 (Girls)	*Senior High Campuses Only *Senior High Campuses Only
Softball 1 – 4 (Girls) Softball 5 – 8 (Girls)	*Senior High Campuses Only *Senior High Campuses Only
Swimming 1 – 4 (Co Ed)* Swimming 5 – 8 (Co Ed)*	*Senior High Campuses Only *Senior High Campuses Only
Tennis 1 – 4 (Co Ed) Tennis 5 – 8 (Co Ed)	
Track 1 – 4 (Boys) Track 5 – 8 (Boys)	*Spring Semester and on Senior High Campuses Only *Spring Semester and on Senior High Campuses Only
Track 1 – 4 (Girls) Track 5 – 8 (Girls)	*Spring Semester and on Senior High Campuses Only *Spring Semester and on Senior High Campuses Only
Volleyball 1 – 4 (Girls) Volleyball 5 – 8 (Girls)	
Wrestling 1 – 4 (Boys) Wrestling 5 – 8 (Boys)	
Wrestling 1 – 4 (Girls) Wrestling 5 – 8 (Girls)	

***Will Require Personal Transportation**

Students can earn up to 2 credits of physical education over their high school career in any specific sport or any combination of sports taken during the school day. The sport must be reflected on their 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.

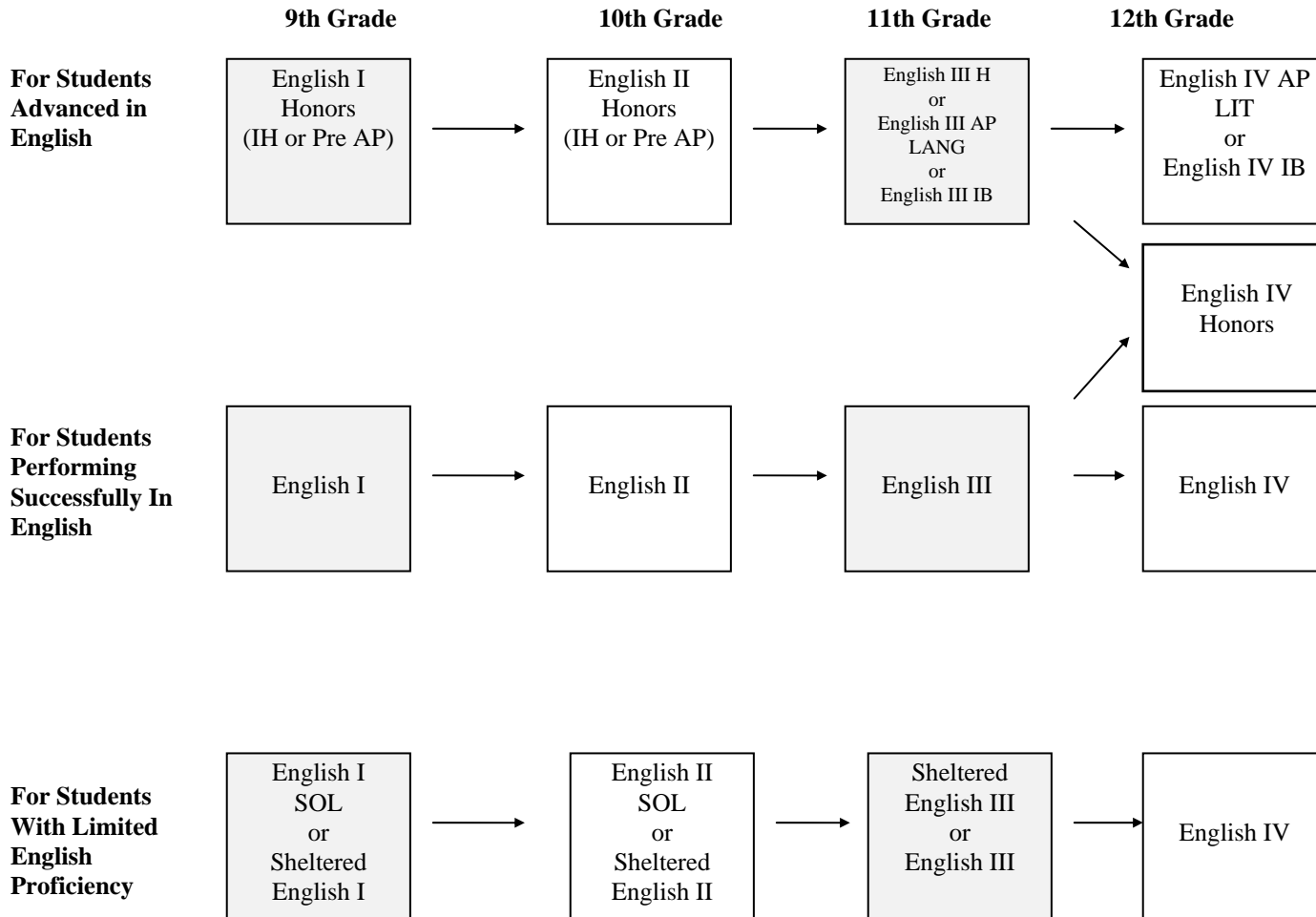
TEA regulations permit only 2.0 credits for cheerleading or drill team successfully completed, to be included in the total number of credits for graduation. Students must be cautious in the selection of local credit courses, checking each year to be certain that state requirements for graduation can be met. Four semesters of drill team or cheerleading may count toward state graduation requirements. All further participation in cheerleading, drill team, or PE/Fundamentals of Drill Team/Dance earns LOCAL CREDIT only and will NOT count toward state graduation requirements; however, they do count toward the GPA (Grade Point Average). The substitutions for physical education credit must be based upon physical activity involved in drill team, marching band, and cheerleading.

SEE YOUR SCHOOL COUNSELOR FOR COURSE NUMBERS AND ANY CLARIFICATION REGARDING CREDITS.

Plano ISD Subject	Grades 9 – 12	Credits
Cheerleading 1 – 4	9 – 12	.5 – 2
Cheerleading 5 – 8	11 – 12	0 – 0
Fundamentals of Drill Team 1 (Body Mechanics)	9 – 10	.5
Fundamentals of Drill Team 2	9 – 10	.5
Drill Team 1 – 4	10 – 12	.5 – 2
Drill Team 5 – 6	12	0 – 0

English/Language Arts ESOL (English as a Second Language)

Possible Selections for 9-12 English



Courses Offered At Level

9/10

English I
English I SOL
English I H/PreAP
English I H/IH
English II
English II SOL
English II H/PreAP
English II H/IH

11/12

English III
English III H
English III/AP LANG
English III/IB
English IV
English IV/H
English IV/AP LIT
English IV/IB

Graduation Requirements:

1 credit English I
1 credit English II
1 credit English III
1 credit English IV

ENGLISH

Plano ISD Course No.	Subject	Grade	Credits
101001	English I	9	1
101031	English I H/PreAP	9	1
101061	English I IH	9	1
051001	English I SOL (Speakers of Other Languages)	9 - 10	.5-1
052001	English II SOL	10	.5-1
105101	Reading I	9 - 12	.5-1
105201	Reading II	9 - 12	.5-1
105301	Reading III	9 - 12	.5-1
10127B	Technical Writing: Research Study Skills	9 - 10	.5
10320B	Reading Applications	10 - 12	.5
102001	English II	10	1
102031	English II H/PreAP	10	1
102061	English II IH	10	1
103001	English III	11	1
103031	English III H	11	1
103051	English III AP LANG	11	1
103061	English III IB	11	1
104001	English IV	12	1
104031	English IV - Honors	12	1
104051	English IV AP LIT	12	1
104061	English IV IB	12	1
10310B	Creative Writing	9 - 12	.5
10330B	World of Ideas	11 - 12	.5

101001	English I	9	1
Prerequisite:	None		

This course is designed to accommodate approximately 80% of the ninth grade students. Emphasis will be on fundamental language skills: reading, writing, speaking, listening, viewing and presenting. An emphasis on vocabulary and composition skills will be an on-going part of the program. The course includes studies of various literary genres: short story, poetry, novel, drama and non-fiction. The development of critical reading and critical writing skills is a major emphasis of the course.

What's next? English II or English II – H/IH/PreAP

101031	English I – H/PreAP	9	1
101061	English I - IH		
Prerequisite:	Teacher recommendation and appropriate test scores		

English I Honors is a course designed for approximately the upper twenty percent of the freshman class, the selection being based upon achievement test scores and teacher recommendation. Students will participate in a general review of grammar with emphasis upon usage. Strong attention will be given to the development of composition and critical reading skills. Vocabulary development and outside reading will complement each credit of study. All literature study will be supported by composition. Literary emphasis includes the short story, novel, drama and poetry.

What's next? English II H/IH/PreAP or English II

051001 **English I SOL** **9 - 10** **.5 - 1**

Prerequisite: **Placement in ESOL program and student must be an immigrant**

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

What's next? English II or English II SOL

052001 **English II SOL** **10** **.5 - 1**

Prerequisite: **Credit for English I or English I SOL and student must be an immigrant**

English II SOL is a course designed to provide instruction in the English II TEKS for beginner and intermediate level limited English proficient (LEP) students enrolled in ESL. It also works to build English language proficiency. Students are placed in this course according to their current level of English proficiency. This course does meet the graduation requirement for English II, so students who take this course **may not later take regular English II for credit**. It should be noted that some colleges and universities might not honor this course when considering a student's application for admission.

What's next? English III or English III - H

105101 **Reading I** **9 - 12** **1**

Prerequisite: **District qualifying criteria or teacher recommendation
(includes all students not meeting the state or district standard on Reading/ELA TAKS)**

Reading I (first year) involves practicing literacy strategies for students to build academic success and become proficient in the areas of word analysis, vocabulary, reading fluency, written response, and critical thinking, therefore, preparing students for college readiness and/or post-secondary success.

105201 **Reading II** **9 - 12** **1**

Prerequisite: **Reading I**

Reading II (second year) focuses on helping students grow into critical readers and develop different levels of literacy and inquiry for college readiness and/or post-secondary success.

105301 **Reading III** **9 - 12** **1**

Prerequisite: **Reading II**

Reading III (third year) emphasizes reading, writing, and critical inquiry, to further develop academic literacy for college readiness and/or post-secondary success. **Students may receive one to three state elective credits.**

10320B **Reading Applications** **10 - 12** **.5**

Prerequisite: **Test Scores at and above the 75 percentile on nationally normed reading and comprehension tests**

This course is designed to help the college-bound reader gain vocabulary growth, increase critical reading and thinking skills, master higher-level research-study skills, and adjust rate and purpose to type of reading. These skills will be applied on the higher levels demanded by the SAT and other college entrance examinations. Included will be development of reading comprehension skills on typical college test reading. **This course may not be offered on all campuses.**

10127B **Technical Writing: Research Study Skills** **9 - 10** **.5**

Prerequisite: **None**

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.**

102001 **English II** **10** **1**

Prerequisite: **English (1 credit)**

This course includes a review of language skills, the teaching of intermediate composition skills, and an examination of literary themes and forms. The course includes study of various literary genres, short story, poetry, drama, non-fiction, and the novel. Emphasis in both semesters will be placed on vocabulary development, composition skills, critical reading and critical writing skills.

What's next? English III or English III AP/IB

102031 **English II – H/PreAP** **10** **1**

102061 **English II - IH**

Prerequisite: **Teacher recommendation, appropriate test scores and English (1 credit)**

This course is designed for approximately the upper twenty percent of the sophomore class; the selection being based upon test scores, teacher recommendation, and performance in English I – H/IH/PreAP. Students will review writing skills and extend their study of vocabulary, the short story, novel, poetry, and drama. Strong attention will be given to the development of composition and critical reading skills. Composition will support all literature study. Outside reading assignments will continue for both PreAP and IH students. New areas of emphasis will be the development of research skills.

What's next? English III or English III – AP/IB

103001	English III	11	1
Prerequisite:	English (2 credits)		

This course continues emphasis on composition skills, vocabulary skills and literary analysis. The student will explore English as a developing and changing language. Students will study the development of American Literature and important American authors. All literary study is supported by composition. Students will also be engaged in writing the research paper.

What's next? English IV or English IV H or English IV AP/IB

104031	English III - Honors	12	1
Prerequisite:	English (2 credits)		

This course is designed for students with an honors background or above average ability in regular English III who are planning to enter a four-year university upon high school graduation. Reading requirements surpass those of English III and demand insightful analysis. This instruction provides the students with sophisticated techniques for success in writing on a college level. Students will also be engaged in writing the research paper. This course prepares the student to take the AP exam.

What's next? English IV or English IV H or English IV AP/IB

103051	English III – AP LANG	11	1
103061	English III – IB (See International Baccalaureate Program for description)		
Prerequisite:	Teacher recommendation, appropriate test scores and English (2 credits)		

This course is designed for the serious student of English who plans to take English IV - Honors - Advanced Placement or IB in his/her senior year. Selection for this course will be based upon test scores, teacher recommendation, and performance in English II - Honors. The curriculum includes a review of the conventions of English, composition, and research skills with a continued emphasis on outside reading and vocabulary building. Strong attention will be given to the development of composition and critical reading skills. Literary emphasis is on the chronological development of American culture and ideas. This course prepares the student to take the AP/IB exam.

What's next? English IV or English IV Honors or English IV AP/IB

104001	English IV	12	1
Prerequisite:	English (3 credits)		

This course includes a final review of all language skills together with a study of the ideas and culture presented in English literature. Students will receive continued composition practice including the critical literary paper. They will continue to learn critical reading strategies.

104031	English IV - Honors	12	1
Prerequisite:	English (3 credits)		

This course is designed for students with an honors background or above average ability in regular English IV who are planning to enter a four-year university upon high school graduation. Reading requirements surpass those of English IV and demand insightful analysis. This instruction provides the students with sophisticated techniques for success in writing on a college level. This course prepares the student to take the AP exam.

104051	English IV – AP LIT	12	1
104061	English IV – IB (See International Baccalaureate Program for description)		
Prerequisite:	Teacher recommendation and appropriate test scores and English (3 credits)		

This course is designed to give the superior student in English college level studies. A close study of a relatively small number of works in class will be supplemented with wide outside reading in world literature. Additionally, emphasis will be placed upon clear, analytical writing. The student will have the opportunity to take the advanced placement examination for literature /composition and/or language/composition. This course prepares the student to take the AP/IB exam.

10310B	Creative Writing	9 - 12	.5
Prerequisite:	None		

In this class, students will have the opportunity to read contemporary poetry, fiction, drama, and non-fiction and to use these as springboards for their own creative work. Unlike the literature courses, the emphasis will be placed upon the students' work and not upon the selections read as models. Students will be encouraged to submit their work to the campus literary magazine.

10330B	World of Ideas	11 – 12	.5
Prerequisite:	None		

This course is a combination philosophy and humanities class similar to the World of Knowledge course offered through the IB program. Units include 1) Mythology and Religion, 2) Philosophy and Scientific Enlightenment, 3) Human Nature and the Human Condition, 4) morality and ethics, e.g., individual v. society and natural v. human law, and 5) The Way of the Artist i.e., philosophy of art, art and aesthetics, beauty, censorship, history of art, history of music and passion as a motivation for art.

MUSIC EDUCATION

Plano ISD Course No.	Subject	Grade	Credits
451301,2	String Orchestra I	9 - 12	1
452301,2	String Orchestra II	10 - 12	1
453301,2	String Orchestra III	11 - 12	1
454301,2	String Orchestra IV	12	1
451361,2	Philharmonic Orchestra I	9 – 12	1
452361,2	Philharmonic Orchestra II	10 – 12	1
453361,2	Philharmonic Orchestra III	11 – 12	1
454361,2	Philharmonic Orchestra IV	12	1
451371,2	Symphony Orchestra I	9 - 12	1
452371,2	Symphony Orchestra II	10 - 12	1
453371,2	Symphony Orchestra III	11 - 12	1
454371,2	Symphony Orchestra IV	12	1
453331,2	Orchestra III - H	11 - 12	1
454331,2	Orchestra IV - H	12	1
451101,2	Concert Band I	9 - 12	1
452101,2	Concert Band II	10 - 12	1
453101,2	Concert Band III	11 - 12	1
454101,2	Concert Band IV	12	1
451121,2	Symphonic Band I	9 - 12	1
452121,2	Symphonic Band II	10 - 12	1
453121,2	Symphonic Band III	11 - 12	1
454121,2	Symphonic Band IV	12	1
451141,2	Wind Ensemble I	9 - 12	1
452141,2	Wind Ensemble II	10 - 12	1
453141,2	Wind Ensemble III	11 - 12	1
454141,2	Wind Ensemble IV	12	1
453131,2	Band III - H	11 - 12	1
454131,2	Band IV - H	12	1
451171,2	Instrumental Ensemble I-Percussion	9 - 10	.5-1
452171,2	Instrumental Ensemble II-Percussion	10	.5-1
453171,2	Instrumental Ensemble III-Percussion	11 - 12	.5-1
454171,2	Instrumental Ensemble IV-Percussion	12	.5-1
451191,2	Jazz Band 1	9 – 10	1
452191,2	Jazz Band II	10	1

Plano ISD Course No.	Subject	Grade	Credits
453191,2	Jazz Band III	11 - 12	1
454191,2	Jazz Band IV	12	1
451201,2	Concert Choir I	9 - 12	1
452201,2	Concert Choir II	10 - 12	1
453201,2	Concert Choir III	11 - 12	1
454201,2	Concert Choir IV	12	1
451221,2	Mixed Choir I	9 - 10	1
452221,2	Mixed Choir II	10	1
453221,2	Mixed Choir III	11 - 12	1
454221,2	Mixed Choir IV	12	1
451241,2	Tenor/Bass Choir I	9 - 10	1
452241,2	Tenor/Bass Choir II	10	1
453241,2	Tenor/Bass Choir III	11 - 12	1
454241,2	Tenor/Bass Choir IV	12	1
451261,2	Treble Choir I	9 - 10	1
452261,2	Treble Choir II	10	1
453261,2	Treble Choir III	11 - 12	1
454261,2	Treble Choir IV	12	1
451281,2	Vocal Ensemble I	9 - 10	.5-1
452281,2	Vocal Ensemble II	10	.5-1
453281,2	Vocal Ensemble III	11 - 12	.5-1
454281,2	Vocal Ensemble IV	12	.5-1
453231,2	Choir III - H	11 - 12	1
454231,2	Choir IV - H	12	1
451271,2	Jazz/Show Choir I	9 - 10	1
452271,2	Jazz/Show Choir II	10	1
453271,2	Jazz/Show Choir III	11 - 12	1
454271,2	Jazz/Show Choir IV	12	1
452401,2	Music History and Literature	11 - 12	1
453401,2	Music Theory	11 - 12	1
454451,2	Music Theory - AP	12	1

A student who successfully completes marching band during the **fall** semester may receive a **waiver** of one semester of the state physical education requirements. The student may receive a waiver of up to three semesters of physical education requirements through participation in marching band during the **fall** semester. This three-semester waiver meets the state graduation requirements for physical education.

A STUDENT MAY NOT RECEIVE BOTH PHYSICAL EDUCATION CREDIT AND A PHYSICAL EDUCATION WAIVER DURING THE SAME SEMESTER. ALSO, A STUDENT MAY NOT RECEIVE TWO CREDIT WAIVERS DURING THE SAME SEMESTER.

451301,2	String Orchestra I	9 – 12	1
Prerequisite:	Audition by instructor		

This orchestra provides an opportunity for students to continue instrumental development at an intermediate level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course.

What's next? String Orchestra II

452301,2	String Orchestra II	10 – 12	1
Prerequisite:	Audition by instructor, String Orchestra I		

This class is a continuation of String Orchestra I. This orchestra provides an opportunity for students to continue instrumental development at an intermediate level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course.

What's next? String Orchestra III

453301,2	String Orchestra III	11 – 12	1
Prerequisite:	Audition by instructor, String Orchestra II		

This class is a continuation of String Orchestra II. This orchestra provides an opportunity for students to continue instrumental development at an intermediate level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course.

What's next? String Orchestra IV

454301,2	String Orchestra IV	12	1
Prerequisite:	Audition by instructor, String Orchestra III		

This class is a continuation of String Orchestra III. This orchestra provides an opportunity for students to continue instrumental development at an intermediate level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course.

451361,2	Philharmonic Orchestra I	9 – 12	1
Prerequisite:	Audition by instructor		

This orchestra provides an opportunity for students to continue instrumental development at an intermediate/advanced level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course.

What's next? Philharmonic Orchestra II

452361,2	Philharmonic Orchestra II	10 – 12	1
Prerequisite:	Audition by instructor, Philharmonic Orchestra I		

This class is a continuation of Philharmonic Orchestra 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 is required. This is a full year course.

What's next? Philharmonic Orchestra III

453361,2	Philharmonic Orchestra III	11 – 12	1
Prerequisite:	Audition by instructor, Philharmonic Orchestra II		

This class is a continuation of Philharmonic Orchestra II. This orchestra provides an opportunity for students to continue instrumental development at an intermediate/advanced level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course.

What's next? Philharmonic Orchestra IV

454361,2	Philharmonic Orchestra IV	12	1
Prerequisite:	Audition by instructor, Philharmonic Orchestra III		

This class is a continuation of Philharmonic Orchestra III. This orchestra provides an opportunity for students to continue instrumental development at an intermediate/advanced level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course.

451371,2	Symphony Orchestra I	9 – 12	1
Prerequisite:	Audition by instructor		

This orchestra provides an opportunity for students to continue instrumental development at an advanced level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course.

What's next? Symphony Orchestra II

452371,2 **Symphony Orchestra II** **10 – 12** **1**
Prerequisite: **Audition by instructor, Symphony Orchestra I**

This class is a continuation of Symphony Orchestra 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 is required. This is a full year course.

What's next? Symphony Orchestra III

453371,2 **Symphony Orchestra III** **11 – 12** **1**
Prerequisite: **Audition by instructor, Symphony Orchestra II**

This class is a continuation of Symphony Orchestra II. This orchestra provides an opportunity for students to continue instrumental development at an advanced level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course.

What's next? Symphony Orchestra IV

454371,2 **Symphony Orchestra IV** **12** **1**
Prerequisite: **Audition by instructor, Symphony Orchestra III**

This class is a continuation of Symphony Orchestra III. This orchestra provides an opportunity for students to continue instrumental development at an advanced level. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full year course.

453331,2 **Orchestra III - H** **11 - 12** **1**
Prerequisite: **Audition and recommendation of instructor, Orchestra II**

Although encompassing the same performance expectations as the regular orchestra course, this class has an added emphasis on research and individualized study, leading to the development of comprehensive individual musicianship. This is a full-year course.

What's next? Orchestra IV - H

454331,2 **Orchestra IV - H** **12** **1**
Prerequisite: **Audition and recommendation of instructor, Orchestra III**

Although encompassing the same performance expectations as the regular orchestra course, this class has an added emphasis on research and individualized study, leading to the development of comprehensive individual musicianship. This is a full-year course.

451101,2 **Concert Band I** **9 - 12** **1**
Prerequisite: **Audition by instructor**

This band 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 is required. This is a full-year course.

What's next? Concert Band II

452101,2 **Concert Band II** **10 - 12** **1**
Prerequisite: **Audition by instructor, Band I**

This class is a continuation of Concert Band I. This band will perform as a part of the total band program at all designated football games, pep assemblies, parades, marching contests, concerts, and festivals. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full-year course.

What's next? Concert Band III

453101,2 **Concert Band III** **11 – 12** **1**
Prerequisite: **Audition by instructor, Band II**

This class is a continuation of Concert Band II. This band will perform as a part of the total band program at all designated football games, pep assemblies, parades, marching contests, concerts, and festivals. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full-year course.

What's next? Concert Band IV

454101,2 **Concert Band IV** **12** **1**
Prerequisite: **Audition by instructor, Band III**

This class is a continuation of Concert Band III. This band will perform as a part of the total band program at all designated football games, pep assemblies, parades, marching contests, concerts, and festivals. Time will be required outside of class for rehearsals, trips, and other engagements. Attendance at all outside of school rehearsals and performances is required. This is a full-year course.

453131,2	Band III - H	11 - 12	1
Prerequisite:	Audition and recommendation of instructor, Band II		

Although encompassing the same performance expectations as the regular band course, this class has an added emphasis on research and individualized study, leading to the development of comprehensive individual musicianship. This is a full-year course.

What's next? Band IV - H

454131,2	Band IV - H	12	1
Prerequisite:	Audition and recommendation of instructor, Band III		

Although encompassing the same performance expectations as the regular band course, this class has an added emphasis on research and individualized study, leading to the development of comprehensive individual musicianship. This is a full-year course.

451171,2	Instrumental Ensemble I-Percussion	9 - 10	. 5-1
Prerequisite:	Approval of Instructor		

This class is designed for the percussion student interested in small ensemble performance. Students will have the opportunity to perform music different from that of the standard band repertoire. This course must be taken in conjunction with Band I.

What's next? Instrumental Ensemble II-Percussion

452171,2	Instrumental Ensemble II-Percussion	10	. 5-1
Prerequisite:	Approval of Instructor		

This class is designed for the percussion student interested in small ensemble performance. Students will have the opportunity to perform music different from that of the standard band repertoire. This course must be taken in conjunction with Band II.

What's next? Instrumental Ensemble III-Percussion

453171,2	Instrumental Ensemble III-Percussion	11 - 12	. 5-1
Prerequisite:	Approval of Instructor		

This class is designed for the percussion student interested in small ensemble performance. Students will have the opportunity to perform music different from that of the standard band repertoire. This course must be taken in conjunction with Band III.

What's next? Instrumental Ensemble IV-Percussion

454171,2	Instrumental Ensemble IV-Percussion	12	. 5-1
Prerequisite:	Approval of Instructor		

This class is designed for the percussion student interested in small ensemble performance. Students will have the opportunity to perform music different from that of the standard band repertoire. This course must be taken in conjunction with Band IV.

451191,2	Jazz Band I	9 - 10	1
Prerequisite:	Audition by instructor and instrumental experience		

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. Membership in the parent organization will be required 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.

What's next? Jazz Band II

452191,2	Jazz Band II	10	1
Prerequisite:	Audition by instructor and instrumental experience		

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. Membership in the parent organization will be required 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.

What's next? Jazz Band III

453191,2	Jazz Band III	11 - 12	1
Prerequisite:	Audition by instructor and instrumental experience		

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. Membership in the parent organization will be required 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.

What's next? Jazz Band IV

454191,2 Jazz Band IV 12 1
Prerequisite: Audition by instructor and instrumental experience

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. Membership in the parent organization will be required 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.

451201,2 Concert Choir I 9 - 12 1
Prerequisite: Audition by instructor

This course is for students with 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 University Interscholastic League contests. Attendance at after school rehearsals and performances will be required. This is a full-year course.

What's next? Concert Choir II

452201,2 Concert Choir II 10 - 12 1
Prerequisite: Audition by instructor, Choir I

This course is for students with 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 University Interscholastic League contests. Attendance at after school rehearsals and performances will be required. This is a full-year course.

What's next? Concert Choir III

453201,2 Concert Choir III 11 - 12 1
Prerequisite: Audition by instructor, Choir II

This choir is for those students who wish to improve their vocal skills and techniques for participation in the concert choir. Students will perform in concert programs and participate in competitive contests. Attendance at after school rehearsals and performances will be required. This is a full-year course.

What's next? Concert Choir IV

454201,2 Concert Choir IV 12 1
Prerequisite: Audition by instructor, Choir III

This choir is for those students who wish to improve their vocal skills and techniques for participation in the concert choir. Students will perform in concert programs and participate in competitive contests. Attendance at after school rehearsals and performances will be required. This is a full-year course.

451221,2 Mixed Choir I 9 - 12 1
Prerequisite: Audition by instructor

This choir is for those students who are interested in choral performance and want to improve their skills and techniques for participation in the concert choir. Students will perform in concert programs and participate in University Interscholastic League contests. Students enrolled in this section are encouraged to enroll in the corresponding ensemble class. Attendance at after school rehearsals and performances will be required. This is a full-year course.

What's next? Mixed Choir II

452221,2 Mixed Choir II 10 - 12 1
Prerequisite: Audition by instructor, Choir I

This class is a continuation of Mixed Choir I. Students enrolled in this section are encouraged to enroll in the corresponding ensemble class. Attendance at after school rehearsals and performances will be required. This is a full-year course.

What's next? Mixed Choir III

453221,2 Mixed Choir III 11 - 12 1
Prerequisite: Audition by instructor, Choir II

This is the top performing choir in the senior high school. The course is designed to help students develop an appreciation for choral music and to develop desirable vocal skills through the performance of a variety of styles of music. Students will perform concerts periodically and participate in University Interscholastic League contests. Attendance at after school rehearsals and performances will be required.

What's next? Mixed Choir IV

454221,2 Mixed Choir IV 12 1
Prerequisite: Audition by instructor, Choir III

This is the top performing choir in the senior high school. The course is designed to help students develop an appreciation for choral music and to develop desirable vocal skills through the performance of a variety of styles of music. Students will perform concerts periodically and participate in University Interscholastic League contests. Attendance at after school rehearsals and performances will be required.

451241,2 Tenor/Bass Choir I 9 - 10 1
Prerequisite: Audition and approval of instructor

This course is designed to help the student develop vocal abilities through the use of music written for tenor and bass voices. Students will be instructed in both melodic and rhythmic reading. Students will perform in concerts and may participate in contests. Attendance at after school rehearsals and performances will be required. This is a full-year course.

What's next? Tenor/Bass Choir II

452241,2 Tenor/Bass Choir II 10 1
Prerequisite: Audition and approval of instructor, Choir I

This course is designed to help the student develop vocal abilities through the use of music written for tenor and bass voices. Students will be instructed in both melodic and rhythmic reading. Students will perform in concerts and may participate in contests. Attendance at after school rehearsals and performances will be required. This is a full-year course.

What's next? Tenor/Bass Choir III

453241,2 Tenor/Bass Choir III 11 - 12 1
Prerequisite: Audition and approval of instructor

This choir is for those students interested in performing the finest repertoire for tenor/bass voices from various historical periods. Performance in concert programs and University Interscholastic League contests will be required. Attendance at after school rehearsals and performances will be required. This is a full-year course.

What's next? Tenor/Bass Choir IV

452241,2 Tenor/Bass Choir IV 12 1
Prerequisite: Audition and approval of instructor, Choir I

This choir is for those students interested in performing the finest repertoire for tenor/bass voices from various historical periods. Performance in concert programs and University Interscholastic League contests will be required. Attendance at after school rehearsals and performances will be required. This is a full-year course.

451261,2 Treble Choir I 9 - 12 1
Prerequisite: Audition by instructor

This course is designed to help the student develop vocal techniques necessary for the performance of difficult music for treble voices. Students will be instructed in both melodic and rhythmic reading. Students will perform in concerts and may participate in contests. Attendance at after school rehearsals and performances will be required. This is a full-year course.

What's next? Treble Choir II

452261,2 Treble Choir II 10 1
Prerequisite: Audition by instructor, Choir I

This course is designed to help the student develop vocal techniques necessary for the performance of difficult music for treble voices. Students will be instructed in both melodic and rhythmic reading. Students will perform in concerts and may participate in contests. Attendance at after school rehearsals and performances will be required. This is a full-year course.

What's next? Treble Choir III

453261,2 Treble Choir III 11 - 12 1
Prerequisite: Audition by instructor, Choir II

This course is designed to help the student develop vocal techniques necessary for the performance of difficult music for treble voices. Students will be instructed in both melodic and rhythmic reading. Students will perform in concerts and may participate in contests. Attendance at after school rehearsals and performances will be required. This is a full-year course.

What's next? Treble Choir IV
454261,2 Treble Choir IV 12 1
Prerequisite: Audition by instructor, Choir III

This course is designed to help the student develop vocal techniques necessary for the performance of difficult music for treble voices. Students will be instructed in both melodic and rhythmic reading. Students will perform in concerts and may participate in contests. Attendance at after school rehearsals and performances will be required. This is a full-year course.

451281,2 Vocal Ensemble I 9 - 12 .5-1
Prerequisite: Approval of Instructor

This class is designed for the student interested in small ensemble performance. Students will have the opportunity to perform a varied selection of music different from that of the standard choral repertoire. This course must be taken in conjunction with a larger choral ensemble listed above.

What's next? Vocal Ensemble II

452281,2 **Vocal Ensemble II** **10 - 12** **. 5-1**
Prerequisite: **Approval of Instructor**

This class is designed for the student interested in small ensemble performance. Students will have the opportunity to perform a varied selection of music different from that of the standard choral repertoire. This course must be taken in conjunction with a larger choral ensemble listed above.

What's next? Vocal Ensemble III

453281,2 **Vocal Ensemble III** **10 - 12** **. 5-1**
Prerequisite: **Approval of Instructor**

This class is designed for the student interested in small ensemble performance. Students will have the opportunity to perform a varied selection of music different from that of the standard choral repertoire. This course must be taken in conjunction with a larger choral ensemble listed above.

What's next? Vocal Ensemble IV

454281,2 **Vocal Ensemble IV** **10 - 12** **. 5-1**
Prerequisite: **Approval of Instructor**

This class is designed for the student interested in small ensemble performance. Students will have the opportunity to perform a varied selection of music different from that of the standard choral repertoire. This course must be taken in conjunction with a larger choral ensemble listed above.

453231,2 **Choir III - H** **11 - 12** **1**
Prerequisite: **Audition or recommendation of instructor, Choir II**

Although encompassing the same performance expectations as the regular choir courses, this class has an added emphasis on research and individualized study, leading to the development of comprehensive individual musicianship. Attendance at after school rehearsals and performances will be required. This is a full-year course.

What's next? Choir IV – H

454231,2 **Choir IV - H** **12** **1**
Prerequisite: **Audition or recommendation of instructor, Choir III**

Although encompassing the same performance expectations as the regular choir course, this class has an added emphasis on research and individualized study, leading to the development of comprehensive individual musicianship. Attendance at after school rehearsals and performances will be required. This is a full-year course.

451261,2 **Jazz/Show Choir I** **9 - 10** **1**
Prerequisite: **Approval of Instructor**

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. Membership in the parent organization will be required 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.

What's next? Jazz/Show Choir II

452261,2 **Jazz/Show Choir II** **10** **1**
Prerequisite: **Approval of Instructor**

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. Membership in the parent organization will be required 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.

What's next? Jazz/Show Choir III

453261,2 **Jazz/Show Choir III** **11 - 12** **1**
Prerequisite: **Approval of Instructor**

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. Membership in the parent organization will be required 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.

What's next? Jazz/Show Choir IV

454261,2 **Jazz/Show Choir IV** **12** **1**
Prerequisite: **Approval of Instructor**

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. Membership in the parent organization will be required 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.

452401,2 Music History and Literature 11 - 12 1
Prerequisite: None

This course is a study of the major style periods in music history, significant composers, musical forms, and representative music compositions of major composers in each style period. Other art forms (theater, art, architecture, poetry, etc.) are studied as they relate to the development of the musical style periods. One unit of this course may serve as the required fine arts course for the recommended and distinguished achievement graduation programs. **This course may not be offered at all campuses.**

453401,2 Music Theory 11 - 12 1
Prerequisite: None

This course offers students opportunities to create, perform, listen to, and analyze music from various styles and genres (e.g. rock, pop, jazz and classical). Current technological developments are used in this class to provide "state of the art" learning opportunities. One unit of this course may serve as the required fine arts course for the recommended and distinguished achievement graduation programs.

What's next? Music Theory - AP

454451,2 Music Theory AP 11 - 12 1
Prerequisite: Knowledge of music fundamentals and/or Approval of instructor

This course will be 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. Current technological developments are used in this class to provide "state of the art" learning opportunities.

THEATER/DANCE EDUCATION

Plano ISD Course No.	Subject	Grade	Credits
451801	Theater Arts I	9 - 12	1
452801	Theater Arts II	10 - 12	1
453801	Theater Arts III	11 - 12	1
454801	Theater Arts IV	12	1
451901	Technical Theater I	9 - 12	1
452901	Technical Theater II	10 - 12	1
453901	Technical Theater III	11 - 12	1
454901	Technical Theater IV	12	1
455101	Theater Production I	11 - 12	1
455201	Theater Production II	12	1
455301	Theater Production III	11 - 12	1
455401	Theater Production IV	12	1
455131	Theater Production I-H	11 - 12	1
455231	Theater Production II-H	12	1
451871	Dance I	11 - 12	1
452871	Dance II	11 - 12	1
453871	Dance III	11 - 12	1
454871	Dance IV	12	1

451801	Theater Arts I	9 - 12	1
Prerequisite:	None		

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

What's next? Theater Arts II

452801	Theater Arts II	10 - 12	1
Prerequisite:	Theater Arts I (1 credit)		

This course is for the student who wishes to explore further his/her studies of theater. It is a continuation of Theater I, stressing basic production and acting techniques, technical theater, dramatic literature, and theater history. Students will be required to read plays and/or see local productions. **This course may not be offered at the senior high schools. If this course is not offered, the student may sign up to take Theatre Arts III.**

What's next? Theater Arts III

453801	Theater Arts III	11 - 12	1
Prerequisite:	Theater Arts I (1 credit)		

Students in this course will study technical theater, play production, and various forms of programming. Special emphasis is given to acting techniques. The study of great actors and playwrights and their contributions to the World Theater is explored. Students are expected to become involved in some play productions during the year. Students will be required to read plays and/or see local productions.

What's next? Theater Arts IV

454801	Theater Arts IV	12	1
Prerequisite:	Theater Arts I (1 credit)		

This course is also geared to production and is designed for the student interested in a concentrated study of all phases of theater. Participation in production is expected. Styles of acting will be studied with emphasis placed on the psychological aspect of performance. Students will be required to read plays and/or see local productions.

451901	Technical Theater I	9 - 12	1
Prerequisite:	An application may be required		

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

What's next? Technical Theater II

452901	Technical Theater II	10 - 12	1
453901	Technical Theater III	11 - 12	1
454901	Technical Theater IV	12	1
Prerequisite:	Technical Theater I (1 credit) and teacher or counselor approval and An application may be required		

This course is an advanced exploration of all areas of technical theater. Topics will include set design, set construction, lighting, sound, properties, costuming, and special effects. Students will study stage management, exploring various forms of leadership skills. Students will be required to attend play rehearsals and serve on production crews outside of class. Students will be required to read plays and/or see local productions. **This course may not be offered at all campuses.**

What's next? Theater Production I and III

455101	Theater Production I	11 - 12	1
455301	Theater Production III	11 - 12	1
Prerequisite:	Theater Arts (1 credit) and audition or recommendation of instructor		

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

What's next? Theater Production II and IV

455201	Theater Production II	12	1
455401	Theater Production IV	12	1
Prerequisite:	Theater Production I and III and audition or recommendation of instructor		

These courses may be scheduled as a 2-hour block in a student's day on some campuses. This course is an advanced exploration of theater. Students enrolled in this course will continue their theatrical study for their own enrichment and will explore the possibilities of a career in some phase of theater. Emphasis will be placed on performance techniques and the auditioning process. Other topics will include technical theater, play production, voice, acting, movement, and drama as literature. Students are required to participate in all productions on their campus either as a performer or technician. A research paper will be assigned, also. Students will be required to read plays and/or see local productions.

What's next? Theater Production I-H

455131	Theater Production I-H	11 - 12	1
Prerequisite:	Audition or recommendation of instructor		

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

What's next? Theater Production II-H

455231	Theater Production II-H	12	1
Prerequisite:	Audition or recommendation of instructor		

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

GIFTED EDUCATION (PACE/Humanities)

Plano ISD Course No.	Subject	Grade	Credits
101131	Humanities I Honors – Gifted (World Literature)	9 - 10	1
102131	Humanities II Honors – Gifted (Independent Study in English)	9 - 10	1
252041	World History – PACE/PreAP	9 - 10	.5
252041	World History – PACE/PreAP	9 - 10	.5
952401	Performance Standards Project - H	11 – 12	1

101131	Humanities I Honors – Gifted (World Literature)	9 - 10	1
Prerequisite:	Identification/Selection as Gifted		
102131	Humanities II Honors – Gifted (Independent Study in English)	9 - 10	1
Prerequisite:	Identification/Selection as Gifted		
252041	World History – PACE/PreAP	9 - 10	.5
252041	World History – PACE/PreAP	9 - 10	.5
Prerequisite:	Enrolled in Humanities I and/or II		

Humanities I and II (Gifted) are courses that provide gifted students with opportunities not available through regular or advanced classes. The basic content is an historical study of the commonalities of the fine arts, including literature, the visual arts, architecture, and music. Humanities I focuses on the period up to the Renaissance; Humanities II examines the period from the Renaissance to modern times. Students may take the course in either grade 9 or 10. Students may take both Humanities I and Humanities II, or they may elect either course. The courses alternate, so students may begin with either course. In addition to the humanities content, students engage in a variety of activities designed to develop their thinking skills in the contexts of reading, research, writing and speaking. Students also earn their required world history credit through the Humanities program over the two-year period.

Because the Humanities program is two courses studied simultaneously, students receive 1 honors elective English credit for the Humanities portion of the course each year and .5 honors World History credit for the World History portion of the course each year, for a total of 1.5 honors credits each year or 3 honors credits for both years. The Humanities credits are elective English credits and may not be substituted for required English credit. **Humanities I/II do NOT fulfill the fine arts requirement for graduation and are not recognized as fine arts courses by TEA.**

Humanities students who also enroll in AP World History receive local credit only for AP World History with no grade points awarded for AP World History.

What's next? Performance Standards Project

952401	Performance Standards Project - H	11 – 12	1
Prerequisite:	Identification/Selection as Gifted		

Identified gifted and talented student in grades 11 and/or 12 are allowed opportunities to explore areas of interest through an in-depth investigation and the development of a product. Students will complete research and independent study related to a topic of personal interest which concludes with a culminating creation. Together the student and the teacher design a topic to study, and the student develops a product and/or performance that reflects professional quality work. At the end of the year, a panel is invited to the student's presentation. **This course may not be offered on all campuses.**

30110B Foundations of Personal Fitness 9 - 12 .5
Prerequisite: None

THIS COURSE IS REQUIRED FOR GRADUATION. The course Foundations of Personal Fitness must be 0.5 of the 1.5 credits of physical education. Students may receive waived or equivalent credit for this course through 3 semesters of athletics, drill team, cheerleading, marching band, ROTC, dance or specific career education courses.

The purpose of Foundations of Personal Fitness is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. Knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class. The concepts of wellness and how to reach an optimal level of health are the cornerstones of this course. Students will design their own personal fitness program as one of the objectives of the class.

30240B Adventure/Outdoor Education 11 - 12 .5
Prerequisite: The recommended prerequisite for this course is Foundations of Personal Fitness.

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

Adventure/Outdoor Education includes activities such as archery, backpacking, camping, cycling, hiking, fishing, martial arts, orienteering, rollerblading, or new games. Knowledge of The National Parks Association, Endangered Species Information, Boating Safety and Hunting Safety are a part of the curriculum. Recreational pursuits include field experiences, navigation, water recreation, and recreational shooting. **This course may not be offered on all campuses.**

30220F, S, T Aerobic Activities 1, 2 and 3 9 - 12 .5 - 1.5
Prerequisite: The recommended prerequisite for this course is Foundations of Personal Fitness.

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

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

30260F, S, T Individual Sports 1, 2 and 3 9 - 12 .5 - 1.5
Prerequisite: The recommended prerequisite for this course is Foundations of Personal Fitness.

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

Individual Sports include activities such as archery, badminton, bicycling, bowling, golf, gymnastics, handball, new games as developed, pickle ball, self-defense, table tennis, tennis, track and field, and weight training.

30250F, S T Team Sports 1, 2 and 3 9 - 12 .5 - 1.5
Prerequisite: The recommended prerequisite for this course is Foundations of Personal Fitness.

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

Team sports include activities such as basketball, field hockey, flag football, floor hockey, kickball, lacrosse, new games as developed, soccer, softball, team handball, Ultimate Frisbee and volleyball.

30290F, S Weight Training 1 and 2 11 - 12 .5 - 1.0
Prerequisite: The recommended prerequisite for this course is Foundations of Personal Fitness.

Students enrolled in this course will be taught correct lifting form. Students will establish a personal program to include circuit training and/or individualized training programs. Aerobic fitness training will be incorporated into the course.

Students enrolled in Weight Training could experience activity levels of moderate to high intensity.

Students enrolled in Weight Training could earn up to 2 semesters of Individual Sports credit.

Counselor# Partners Physical Education 9 - 12 .5 - 1.0
Prerequisite: Recommendation and approval of counselor

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. This course does NOT replace or fulfill the Foundations of Personal Fitness course.

Students enrolled in Partners Physical Education could earn up to 2 semesters of Individual Sports credit.

30230F, S, T STEP 9 - 12 .5 - 1.5
Prerequisite: The recommended prerequisite for this course is Foundations of Personal Fitness.

This course is designed to create and produce dance and step rhythmic movements that embody the history of African dance. Students will develop a personal fitness program that uses aerobic activities as a foundation. Students enrolled in this course could experience activity levels of moderate to high intensity. Students enrolled in STEP could earn up to 3 semesters of Aerobic Activities credit. This course may include performances at pep rallies and some sports events. Other performances may include some district performances/activities.

INTERNATIONAL BACCALAUREATE

Path from IB Courses to IB Exams			
11th Grade Courses	12th Grade Courses	IB Exams	Year of Exam
Group 1: English			
IB English III + IB English IV		English A1 HL	12 th Grade
Group 2: Second Language			
IB Spanish IV + (No course)		Spanish B SL	11 th Grade
H/IH/AP Spanish III + IB Spanish IV		Spanish B SL	12 th Grade
IB Spanish IV + IB Spanish V		Spanish B SL or HL	12 th Grade
Group 3: Social Studies			
IB US History + IB World Area Studies		History of Americas HL	12 th Grade
*IB Economics 1 (either 11 th or 12 th grade)		Economics SL	11 th or 12 th Grade
Group 4: Science			
IB Biology 2 (Double Block)		Biology SL	11 th Grade
	IB Biology 2 (Double Block)	Biology HL	12 th Grade
IB Chemistry 2 (Double Block)		Chemistry SL	11 th Grade
	IB Chemistry 2 (Double Block)	Chemistry HL	12 th Grade
** IB Physics SL (either 11 th or 12 th grade)		Physics SL	*11 th or 12 th Grade
IB Physics SL	IB Physics HL	IB Physics HL	12 th Grade
Environmental Science SL (either 11 th or 12 th grade)		Environmental Science SL	11 th or 12 th Grade
(**Prerequisite: Alg. 1-H and Alg. 2 – H and Geometry H, 2 units of science, concurrent enrollment in Pre-Calculus)			
Since all IB students take IH Biology 1 in the 9 th grade and IH Chemistry 1 in the 10 th grade, regular Physics or Honor Physics or IB Physics must be taken in the 11 th or 12 th grade to meet PISD graduation requirements.			
* IB Physics is only necessary if a student wishes to take the IB Physics SL exam.			
Group 5: Mathematics			
Reg/H/IB/AP Pre-Calculus + IB Calculus SL		Mathematics SL	12 th Grade
H/IH/AP Pre-Calculus + IB Calculus HL		Mathematics HL	12 th Grade
IB Math Studies (either 11 th or 12 th grade) (Pre-requisite Algebra 2)		Math Studies SL	*11 th or 12 th Grade
Group 6: Arts and Electives			
IB Computer Science 1 + IB Computer Science 2		Computer Science HL	12 th Grade
IB Computer Science 1 (May be taken in either 11 th or 12 th grade) (Algebra I and Geometry are Pre-requisites)		Computer Science SL	*11 th or 12 th Grade
IB Art Design III + IB Art Design IV (Art I and Art II are Pre-requisites)		Art Design HL	12 th Grade
*11 th or 12 th Grade – Exam may be taken either year, BUT THE STUDENT MUST SIT FOR THE EXAM AT THE END OF THE YEAR THE COURSE IS TAKEN.			
“+” indicates that the student must take an 11 th grade PLUS a 12 th grade course before he/she sits for the exam.			

INTERNATIONAL BACCALAUREATE COURSES

GROUP 1: IB English

103061	English III – IB	11	1
Prerequisite:	IH/Honors English I and II		

Junior English in the IB program is a university level course which allows the student to test out of freshman English. The curriculum includes fiction and nonfiction selections in various genres, some of which are works in translation. Composition of the World Lit I paper is required during the fall semester. An oral presentation is required during the spring semester which is internally assessed. At the end of the year, students are eligible to take the AP Language and Composition Exam.

What's Next? English IV IB

952461	English IV – IB	12	1
Prerequisite:	IH/Honors English I and II, IB English III		

This course is designed to give the superior student in English college level studies. A close study of a relatively small number of works in class will be supplemented with wide outside reading in world literature. Additionally, emphasis will be placed upon clear, analytical writing. Students must submit two world literature papers for international evaluation. Students participate in oral examinations which are moderated by international educators. The student will have the opportunity to take the advanced placement examination for literature /composition and/or language/composition. This is course number 2 which is required study for the IB English HL exam taken at the end of the senior year.

GROUP 2: Second Language

504161	French IV – IB	11 - 12	1
Prerequisite:	French I, II, III, teacher recommendation, and appropriate scores		

French IV-IB may be taught together with French IV-AP (50415A). This course meets the requirements of an intermediate college course in French studies. It stresses the development of fluency in oral skills, comprehension of French literature and history, expository composition, and expanded use of grammar. This course utilizes higher level/critical thinking skills and focuses on the development of accuracy and fluency. The student will have the opportunity to take the advanced placement examination at the conclusion of this course. The focus of this course is an intermediate proficiency. Students participate in oral examinations which are moderated by international educators. This course prepares the student to take both the AP and IB French SL exams.

What's Next? French -V IB

505161	French V – IB	12	1
Prerequisite:	French I, II, III, IV, teacher recommendation, and appropriate scores		

French V-IB may be taught together with French V-AP (50515A). This course meets the requirements of an intermediate college course in French. It stresses the development of fluency in oral skills, comprehension of French literature and history, expository composition, and expanded use of grammar. It utilizes higher level/critical thinking skills and focuses on the development of accuracy and fluency. While French IV IB emphasizes oral skills and French V IB emphasizes written skills, the courses may be taken in any sequence. The student will have the opportunity to take the advanced placement examination at the conclusion of the course. The focus of this course is an intermediate to advanced proficiency. Students participate in oral examinations which are moderated by international educators. This course prepares the student to take the AP and IB French HL or SL exams.

504461	Spanish IV – IB	11 - 12	1
Prerequisite:	Spanish III or Spanish III H/PreAP/IH, teacher recommendation and appropriate scores		

Spanish IV-IB may be taught together with Spanish IV-AP (50445A). This course stresses the development of fluency in oral skills, comprehension of Spanish literature and history, expository composition, and expanded use of grammar. This course utilizes higher level/critical thinking and focuses on the development of accuracy and fluency. The student will have the opportunity to take the advanced placement/IB examination at the conclusion of this course. The focus of this course is an intermediate mid to high proficiency. Students participate in oral examinations which are moderated by international educators.

What's Next? Spanish V IB

505461	Spanish V-IB	12	1
Prerequisite:	Spanish IV-IB, teacher recommendation and appropriate scores		

Spanish V-IB may be taught together with Spanish V-AP (50545A). This course meets the requirements of Spanish collegiate studies. It stresses the development of fluency in oral skills, comprehension of Spanish literature and history, expository composition, and expanded use of grammar. It utilizes high level/critical thinking and focuses on the development of accuracy and fluency. Students participate in oral examinations which are moderated by international educators. This course prepares the student to take the AP and IB Spanish HL or SL exams.

GROUP 3: Individuals & Societies

251061 United States History- IB 11 1
Prerequisite: Honors/IH English 2, Honors/IH World History and World Geography

The course is designed for students who have demonstrated the ability and interest to study United States history on the college level. The content for this course emphasizes the Colonial-Revolutionary War Period, Constitutional Period, the Age of Jackson, the Civil War and Reconstruction, the Progressive Era, the New Deal, and the emergence of America as a world power after World War II. Cultural diversities and the role of minorities will be a major focus. Analytical and research skills will be used to study primary sources and scholarly works in an effort to discover the overall movement and fabric of United States history. This course also includes a study of the colonial period and independence movement in Latin America, which is tested on the senior History of Americas exam. The senior higher-level exam includes curriculum from the junior and senior courses. The student will have the opportunity to take the Advanced Placement examination at the conclusion of the course. The student may take this course for the required US History credit or for elective credit. This course prepares the student to take the Advanced Placement and is the first year preparation for the IB History HL exam.

What's Next? IB World Area Studies

253161 IB World Area Studies 12 1
Prerequisite: United States History- IB

This course concentrates on several topics relating to twentieth century history, such as the causes and effects of war, the rise of dictatorships, and the Cold War. Specific subjects studied include World Wars I and II, the Russian, the Mexican, and the Chinese Revolutions, Hitler, Stalin, Mao Tse-Tung, Fidel Castro, the Cuban Missile Crisis, and the Vietnam War. Because historiography is emphasized, students should anticipate substantial reading assignments from various noted historians of each period. The analysis of primary documents is promoted, along with high-level research skills. The Internal Assessment for this course is a 2000-word paper on a closely-defined historical question, which requires the use of the previously-mentioned research skills. This paper comprises 20% of the final IB History grade.

255061 Economics - IB 11-12 1
Requisite: Junior or Senior IB status

This two-semester course includes content equivalent to college level courses in Principles of Macroeconomics and Principles of Microeconomics. IB Economics has a pronounced international approach and considers the current and future problems of less developed countries and their impact on the world economy.

GROUP 4: Experimental Sciences

204161 Biology – IB SL/HL (second year) 11 – 12 1.5
Prerequisite: Biology (1 unit), Chemistry (1 unit) and approval of instructor

This double-blocked course may be taught together with AP Biology (second year) (20415A). The Biology-IB SL/HL course is designed to be the equivalent of an introductory college level course. At least half of the time will be spent in laboratory-oriented investigations. An examination will be available upon the conclusion of required material for possible advanced placement in college.

Biology IB SL/HL is the study of general biological principles as well as of the more specialized biological sciences. Cytology, biochemistry, developmental biology, genetics, ecology, taxonomy, and various aspects of adaptation are integrated within the course. Relationships and applications of concepts within and among the various sciences are explored. The student acquires data by using his senses and instrumentation. Student investigations emphasize accurate observations, collection of data, data analysis and the safe manipulation of laboratory apparatus and materials in the laboratory and field. As an advanced course, Biology IB SL/HL has as prerequisites Biology I and Chemistry I. IB Biology SL/HL second year students must keep a lab portfolio and submit it for external moderation. IB Biology second year students must also participate in the IB Group 4 Project. This course prepares the student to take the IB Biology SL and HL exams and the Advanced Placement exam.

205161 Chemistry IB SL/HL (second year) 11 - 12 1.5
Prerequisite: 1 unit Chemistry, 1 unit Biology, and approval of instructor

This double-blocked course is taught together with AP Chemistry (second year) (20515A). Chemistry-IB SL/HL is an in-depth study of chemical concepts and principles encountered in Chemistry. It also integrates the specialized areas of chemistry such as organic chemistry, quantitative and qualitative analysis, and nuclear chemistry. Chemistry is an advanced course with recommended prerequisites of Chemistry and Physics; the latter may be taken concurrently with Chemistry-AP or Chemistry IB SL/HL. Student investigations emphasize accurate observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials.

The laboratory program in Chemistry AP or Chemistry IB SL/HL will present both confirmatory activities and inquiry investigations. The student will have experience in glass-working, filtrating, titrating, weighing, collecting and handling gases, selecting and arranging apparatus, and designing some experiments. Through laboratory experiences, students will gain an operational definition of the concepts and principles of chemistry. Some of the laboratory work will include the analysis of unknowns through a variety of laboratory procedures. IB Chemistry SL/HL second year students must keep a lab portfolio and submit it for external moderation. IB Chemistry SL/HL second year students must also participate in the IB Group 4 Project. This course prepares the student to take the IB Chemistry SL and HL exams and the Advanced Placement exam.

206061 IB Physics SL (first year) 11 - 12 1
Prerequisite: Algebra I – H and II - H and Geometry H, 2 units of science, concurrent enrollment in Pre-Calculus

IB Physics is a two semester sequential 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. IB Physics students must keep a lab portfolio and submit it for external moderation. IB Physics students must also participate in the IB Group 4 Project. This course prepares the student to take the IB Physics SL exam.

401061	Computer Science 1 – IB SL	11 - 12	1
Prerequisite:	Algebra II		

This course may be taught together with Computer Science 1- AP (40105A). This course serves as an introduction to computers and the study of managing and processing information. The emphasis is on solving real world problems by means of computer programming (software engineering). Students will learn thoroughly the JAVA programming language and apply those skills in exploring how computers work. Some topics covered include structures programming techniques, file management, data structures, classes, objects, graphics, debugging, hardware components, and social implications. Upon completion of the course the student will have created software such as a database or an animated graphics display. This course represents college level computer science. Students will have the option of taking the AP exam for which many colleges will grant up to 3 hours of college credit. IB students must maintain a dossier and submit it for external moderation. This course prepares IB students for the IB Computer Science SL exam and it is the first course which prepares students for the IB Computer Science HL exam.

What's Next? IB Computer Science 2 HL (if preparing for the IB Computer Science HL exam)

402061	Computer Science 2 – IB HL	12	1
Prerequisite:	Algebra II, Computer Science I, and teacher approval		

This course may be taught together with Computer Science 2-AP (402061). This course has five main goals: develop advanced software engineering skills in the C++ programming language; teach advanced data structures such as linked lists, trees, classes, and data files; expose students to the development and analysis of classic computer algorithms such as sorting, searching, recursion, and numerical analysis; recognize the ethical and social implications of computer use. This course represents college-level achievement in computer science for which most colleges will grant up to six hours of credit. Students will develop major software projects over topics such as databases, sorting, business applications, and graphics. IB students must maintain a dossier and submit it for external moderation. This course prepares the student to take the Advanced Placement exam and is the second year course necessary for the IB Computer Science HL exam.

Unique Course

95246	IB Theory of Knowledge	12	1
Requisite:	Senior IB status		

This two-semester course is unique to the International Baccalaureate and mandatory for every candidate. In order to evaluate the validity of knowledge and ways of knowing, students are asked to look at each field of knowledge in the program and question both the process and product of their learning. While abstract discussion is certainly a part of such a course, the students are grounded in a brief scan of intellectual history as a part of their exploration. Assessment of student performance is based on oral presentation and written work.

JOURNALISM

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 Production I	11 - 12	1
106201	Newspaper Production II	11 - 12	1
106701	Independent Study/Journalism	12	1

106401 **Yearbook I** **9 - 12** **1**
Prerequisite: **Application may be required.**

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

106501 **Yearbook II** **10 - 12** **1**
Prerequisite: **Yearbook I and application may be required.**

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 annual. More extensive photographic work will be done.

What's next? Literary magazine Production III

106601 **Yearbook III** **11 - 12** **1**
Prerequisite: **Yearbook I and application may be required.**

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

106001 **Journalism** **11 - 12** **1**
Prerequisite: **None**

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.

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

106101 **Newspaper Production I** **11 - 12** **1**
Prerequisite: **Journalism I and/or application**

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

What's next? Newspaper Production II or III

106201 **Newspaper Production II** **11 - 12** **1**
Prerequisite: **Newspaper Production I and/or application**

Students in this course will receive practical experience in writing, investigative reporting, editing, advertising, and processing the student newspaper and yearbook. They will develop independent study projects and/or receive on-the-job training in a particular phase of the mass media.

What's next? Newspaper Production III

106701 **Independent Study/Journalism** **12** **1**
Prerequisite: **Approval of instructor**

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 CORPS (JROTC)

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

953101	JROTC 1	9 - 10	1
Prerequisite:	None		

This course is designed for students who want to develop inherent leadership abilities. The focus of all instruction is on the enhancement of responsible citizenship and leadership. Instructional concepts are explored through both classroom theory and practice in a Leadership Lab. The theory provides students an opportunity to study the principles and traits of leadership; to learn the importance of positive self-concept; to develop basic managerial and leadership skills; to identify personality/physiological needs; and to learn the dynamics of group interaction. The Leadership Lab practical work places the student in a position to respond to training in a variety of positions within the organizational levels of the cadet battalion.

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 the various physical training aspects of Cadet Challenge. The course also emphasizes the development of communication skills, teaches the student how to study and why, how to take notes, how to do homework and how to become more self-confident. These subjects are combined with hands-on training in a structured environment with academic preparation for the future. Students may participate in such extracurricular activities as color guard, marksmanship team, drill team, honor guard, physical fitness team, and orienteering team. Several extracurricular competitions and other activities involving all members of the Corps of Cadets are conducted during the year. Students do not incur any military obligation by participating in JROTC courses.

Elective credit is granted for each semester of JROTC unless the student chooses to use JROTC as a waiver for the state-required physical education requirement. See waiver policy at the conclusion of this section.

What's next? JROTC 2

953201	JROTC 2	9 - 10	1
Prerequisite:	JROTC 1		

This course is a continuation of JROTC 1 and is designed to place students in mid-level organizational leadership positions. It will reinforce all the previous leadership and citizenship training of course 953101 and further develops the students' abilities 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. Practical work places the student in a mid-level position of responsibility and leadership. It emphasizes taking charge of and training groups of other students ranging from squad size (6-9 individuals) to platoon level groups (15-20 cadets). Students may elect to participate in extracurricular activities, as mentioned in the 953101 course description. As before, students do not incur any military obligation by participating in the JROTC courses.

Elective credit is granted for each semester of JROTC unless the student chooses to use JROTC as a waiver for the state-required physical education requirement. See waiver policy at the conclusion of this section.

What's next? JROTC 3

953301	JROTC 3	11 - 12	1
Prerequisite:	JROTC 2 (can be waived)		

This course is a continuation of JROTC 2, and places the student in a higher leadership echelon with increased responsibility and authority. It continues to reinforce all previous instruction in leadership and citizenship, as well as other selected subjects listed in the 9th and 10th grade courses. In most cases, the depth of theory and practical application exercises have been increased and broadened to create a more definitive and challenging group of experiences for the students. Students in the 11th grade may take this course without completing either the two previous courses, but would find it more rewarding by having participated in one or both. Leadership training of JROTC 953301 includes managerial techniques; aspects of mutual leader/subordinate respect; duties of the leader/manager; the building of teamwork, team spirit, and organizational morale; communication channels and flow; the problem solving process; staff supervision; staff functions and preparation for evaluations, inspections, and ceremonies. Students will be required to attend periodic officer and staff meetings, after school, to gain experience in the conduct of Corps organizational functions and business, as well as participate in the planning of upcoming functions. All extra-curricular activities and field trips are available to enrolled students. No form of military obligation is incurred.

Elective credit is granted for each semester of JROTC unless the student chooses to use JROTC as a waiver for the state-required physical education requirement. See waiver policy at the conclusion of this section.

What's next? JROTC 4

953401 **JROTC 4**
Prerequisite: **JROTC 3 (can be waived)**

12

1

This course is a continuation and culmination of all previous leadership training and places students in the highest leadership positions of the cadet organization. Enrollees are placed in senior level command or staff positions commensurate with their previously demonstrated potential and abilities. They are required to perform the functions of their position assignments in support of the designated corps commander and the cadet organization. All senior level students must be able to work independently, or as part of a command/staff team on the many tasks assigned to them. Practical "hands-on" training is emphasized and includes assuming command; planning, organizing, and delegating responsibilities and tasks to subordinates through operations orders, training outlines/schedules, and memorandums; developing all echelons of subordinates; developing systems of rewards/corrective actions; counseling; and building and nourishing teamwork. Enrolled students are eligible to participate in all extra-curricular activities and selected field trips. Senior cadets will be required to periodically conduct officer calls and staff meetings after school hours. Leadership and managerial experiences gained from participation in this course of instruction can easily be applied to the student's personal, academic, business and professional interactions. The course is designed to assist them in their next step in life, regardless of the particular path chosen. Additionally, emphasis is placed on applying to colleges, applying for scholarships, and understanding the process of college admittance. No form of military obligation is incurred.

Elective credit is granted for each semester of JROTC unless the student chooses to use JROTC as a waiver for the state-required physical education requirement. See waiver policy at the conclusion of this section.

JROTC Waiver Policy:

A student, who successfully completes JROTC, may receive a waiver of one semester of state-required physical education up to three semesters, or 1.5 credits. This three-semester waiver meets the state graduation requirements for physical education. A student may not receive both physical education credit and a physical education waiver credit during the same semester. Also a student may not receive two waiver credits during the same semester.

LANGUAGES OTHER THAN ENGLISH

Plano ISD Course No.	Subject	Grade	Credits
500101	American Sign Language I	9 – 12	1
500201	American Sign Language II	10 – 12	1
501601	Chinese I	9 – 10	1
502601	Chinese II	9 – 12	1
502631	Chinese II H/PreAP	9 – 12	1
503631	Chinese III H/PreAP	11 – 12	1
504651	Chinese IV AP	11 – 12	1
501101	French I	9 - 10	1
502101	French II	9 - 12	1
502131	French II – H/PreAP	9 – 12	1
502161	French II – IH	9 - 12	1
503131	French III – H/PreAP	10 – 12	1
503161	French III – IH	10 – 12	1
504151	French IV – AP	11 - 12	1
505151	French V – AP	12	1
501201	German I	9 - 10	1
502201	German II	10 - 12	1
502231	German II – H/PreAP	10 - 12	1
503231	German III – H/PreAP	11 - 12	1
504251	German IV - AP	12	1
501301	Latin I	9 - 10	1
502331	Latin II – H/PreAP	10 - 12	1
503351	Latin III – H/PreAP	11 - 12	1
504351	Latin IV - AP	12	1
501401	Spanish I	9 - 12	1
502401	Spanish II	9 - 12	1
502431	Spanish II – H/PreAP	9 – 12	1
502461	Spanish II - IH	9 - 12	1
503401	Spanish III	9 - 12	1
503431	Spanish III – H/PreAP	10 – 12	1
503461	Spanish III – IH	10 - 12	1
504401	Spanish IV	11 -12	1
504451	Spanish IV – AP	10 - 12	1
505451	Spanish V – AP	12	1
501471, 502471, 503471	Spanish for Native Speakers I, II, III, IV	9 - 10	1-3

500101	American Sign Language I	9 – 12	1
Prerequisite:	None		

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 focus of this course will be on novice proficiency. **This course may not be offered on all campuses.**

What's next? American Sign Language II

500201	American Sign Language II	10 – 12	1
Prerequisite:	American Sign Language I		

American Sign Language II continues to develop communicative skills. The focus is on mid-to high-novice proficiency. Expansion of vocabulary and grammatical structures continues. Contrast between English and sign language strengthens the language learning process. Culturally related activities will be explored. **This course may not be offered on all campuses.**

501601	Chinese I	9 – 10	1
Prerequisite:	None		

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 focus of the course is on novice proficiency.

What's next? Chinese II

502601	Chinese II	9 – 12	1
Prerequisite:	Chinese I		

Chinese II continues to develop the oral skills with added emphasis on reading and writing skills. The focus is on the development of mid-to high-novice proficiency. Expansion of vocabulary and grammatical structures continues. Contrast between English and Chinese will strengthen the language learning process. Culturally related activities of selected Chinese speaking countries or regions will be explored.

What's next? Chinese III

502631	Chinese II H/PreAP	9 – 12	1
Prerequisite:	Chinese I		

Chinese II continues to develop the oral skills with added emphasis on reading and writing skills. The focus is on the development of mid-to high-novice proficiency. Expansion of vocabulary and grammatical structures continues. Contrast between English and Chinese will strengthen the language learning process. Culturally related activities of selected Chinese speaking countries or regions will be explored.

What's next? Chinese III H

503631	Chinese III H/PreAP	11 – 12	1
Prerequisite:	Chinese II/Chinese II H/PreAP		

Chinese III H continues to develop the oral and writing skills with added emphasis on reading. The focus is on the development of novice mid-to intermediate-low proficiency in speaking with increased emphasis on Advanced Placement exam preparation. Expansion of vocabulary and grammatical structures continues. Culturally-related activities of selected Chinese regions will be explored.

504651	Chinese IV AP	11 – 12	1
Prerequisite:	Chinese III/Chinese III H/PreAP		

Chinese IV AP prepares students to demonstrate Intermediate 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 goal of this course is to prepare students to take the AP Chinese Language and Culture exam. This course is conducted predominately in Chinese.

501101	French I	9 - 10	1
Prerequisite:	None		

French I is an introduction to the French 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 languages and will develop a cultural appreciation of the Francophone world. The focus of this course is on novice proficiency.

What's next? French II or French II Honors

502101	French II	9 - 12	1
Prerequisite:	French I		

French II continues to develop the oral skills with added emphasis on reading and writing skills. The focus is on the development of mid-to high-novice proficiency. Expansion of vocabulary and grammatical structures continues. Contrast between English and French strengthens the language-learning process. Culturally related activities of selected French-speaking countries or regions will be explored.

What's next? French III H/IH/PreAP

502131	French II-H/PreAP	9 - 12	1
501161	French II – IH		
Prerequisite:	French I		

French II Honors is an expansion of French II. It is designed to provide opportunities for talented language students beyond those available in the regular French II Class. The course extends the Texas Essential Knowledge and Skills (TEKS). It stresses the development of low intermediate proficiency in oral skills, accurate comprehension of contemporary and cultural reading passages; it expands the use of grammatical constructions and vocabulary, and begins the development of expository composition. Culturally related activities of selected regions or countries will be explored.

What's next? French III H/IH/PreAP

503131	French III – H/PreAP	10 - 12	1
503161	French III – IH		
Prerequisite:	French I and II		

French III Honors is an expansion of Language III. It is designed to provide tenth, eleventh and twelfth grade talented language students some opportunities beyond those offered in other language classes. The course extends the Texas Essential Knowledge and Skills (TEKS). It utilizes higher-level/critical thinking skills and focuses on the development of mid-intermediate proficiency in oral skills, comprehension of French literature and history, expository composition, and expanded use of grammar and vocabulary. The focus of this course is an intermediate proficiency.

What's next? French IV/V – AP

504151	French IV – AP	11 - 12	1
Prerequisite:	French I, II, III		

This course meets the requirements of an intermediate college course in French studies. It stresses the development of fluency in oral skills, comprehension of French literature and history, expository composition, and expanded use of grammar. This course utilizes higher-level/critical-thinking skills and focuses on the development of accuracy and fluency. The student will have the opportunity to take the advanced placement examination at the conclusion of this course. French IV AP/IB and French V AP/IB may alternate, so the student may begin with either course. The focus of this course is an intermediate proficiency. This course prepares the student to take the French Language AP exam. This course is conducted predominantly in French.

What's next? French -V – AP

505151	French V – AP	12	1
Prerequisite:	French I, II, III		

This course meets the requirements of an intermediate college course in French. It stresses the development of fluency in oral skills, comprehension of French literature and history, expository composition, and expanded use of grammar. It utilizes higher-level/critical-thinking skills and focuses on the development of accuracy and fluency. French IV AP/IB and French V AP/IB alternate so students may begin with either course. The courses may be taken in any sequence. The focus of this course is an intermediate to advanced proficiency. This course prepares the student to take the French Language or Literature AP exam. This course is conducted predominantly in French.

501201	German I	9 - 10	1
Prerequisite:	None		

German I is an introduction to the German 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 languages and will develop a cultural appreciation of the German-speaking world. The focus of this course is on low novice proficiency.

What's next? German II or German II H

502201	German II	10 - 12	1
Prerequisite:	German I		

German II continues to develop the oral skills with added emphasis on reading and writing skills. The focus is on the development of mid-to high-novice proficiency. Expansion of vocabulary and grammatical structures continues. Contrast between English and German strengthens the language learning process. Culturally related activities of selected German speaking countries or regions will be explored.

What's next? German III H/PreAP

502231	German II – H/PreAP	10 - 12	1
Prerequisite:	German I		

German II H is an expansion of German II. It is designed to provide opportunities for talented language students beyond those offered in the regular German II class. The course extends the Texas Essential Knowledge and Skills (TEKS). It stresses the development of novice proficiency in oral skills, accurate comprehension of contemporary and cultural reading passages; it expands the use of grammatical constructions and vocabulary and begins the development of expository composition. Culturally related activities of selected regions or countries will be explored.

What's next? German III H/PreAP

503231	German III – H/PreAP	11 - 12	1
Prerequisite:	German I, and II		

German III H is an expansion of German III. It is designed to provide eleventh and twelfth grade talented language students' opportunities beyond those offered in other language classes. The course extends the essential elements. It utilizes high-level/critical thinking and focuses on the development of mid-intermediate proficiency in oral skills, comprehension of German literature and history, expository composition, and expanded use of grammar and vocabulary. The focus of this course is a novice to an intermediate proficiency.

What's next? German IV - AP

504251	German IV - AP	12	1
Prerequisite:	German I, II, III		

This course meets the requirements of an intermediate college course in German Studies. It stresses the development of fluency in oral skills, comprehension of German literature and history, expository composition, and expanded use of grammar. This course utilizes higher-level/critical thinking and focuses on the development of accuracy and fluency. The focus of this course is an intermediate proficiency. This course prepares the student to take the German Language AP exam. This course is conducted predominantly in German.

501301	Latin I	9 – 10	1
Prerequisite:	None		

Latin I is an introduction to the language and to the Romans who spoke it. Basic grammar, syntax, and vocabulary are discussed in connection with their Latin root forms; however, contemporary meanings and correct usage are emphasized. Mythology is viewed as an example of ancient religious beliefs, a reflection of Roman lifestyles, and a form of literature. The focus of this course is a novice proficiency in reading comprehension.

What's next? Latin II H/PreAP

502331	Latin II – H/PreAP	10 - 12	1
Prerequisite:	Latin I		

Latin II H is designed to provide opportunities for talented language students beyond those available in the regular Latin II class. It extends the Texas Essential Knowledge and Skills (TEKS). It stresses the development of accurate reading of Latin literature and history. It expands the use of grammatical constructions and vocabulary, and begins the development of accurate translation. Language learning techniques will be developed. Culturally related activities of selected regions/countries will be explored. The focus of this course is a novice proficiency in reading comprehension.

What's next? Latin III H

503331	Latin III – H/PreAP	11 - 12	1
Prerequisite:	Latin II H/PreAP		

This course utilizes higher-level/critical-thinking skills, stresses the development of oral skills, comprehension and interpretation of authentic Latin texts and expands the use of grammar and vocabulary. It emphasizes stylistic analyses and comprehension of literacy techniques, and accurate reading and translation of original Latin literature. The focus of this course is an intermediate proficiency in reading comprehension.

What's next? Latin IV AP

504351	Latin IV - AP	11 - 12	1
Prerequisite:	Latin III H		

This course utilizes higher-level/critical-thinking skills, stresses the development of oral skills, comprehension and interpretation of Virgil's Aeneid, comprehension and interpretation of the poetry of Catullus and Ovid, and expands the use of grammar and vocabulary. It emphasizes stylistic analyses, comprehension of literary techniques, and accurate reading and translation of original Latin literature. This course prepares the student to take the Latin AP exam.

501401	Spanish I	9 - 12	1
Prerequisite:	None		

Spanish I is an introduction to the Spanish world, its language and its people. The main emphasis is on oral skills while developing reading and writing skills. The student will recognize the interrelationships of languages and will develop a cultural appreciation of the Hispanic world. The focus of this course is on low novice proficiency.

What's next? Spanish II or Spanish II H/IH/PreAP

502401	Spanish II	9 - 12	1
Prerequisite:	Spanish I		

Spanish II continues to develop the oral skills with added emphasis on reading and writing skills. The focus is on the development of mid novice to high-novice proficiency. Expansion of vocabulary and grammatical structures continues. Contrast between English and Spanish strengthen the language learning process. Culturally related activities of selected Hispanic countries or regions will be explored.

What's next? Spanish III or Spanish III IH/PreAP

502431	Spanish II H/PreAP	9 - 12	1
502461	Spanish II IH		
Prerequisite:	Spanish I		

Spanish II H/IH/PreAP is an expansion of Spanish II. The course extends the Texas Essential Knowledge and Skills (TEKS). It stresses the development of low-intermediate proficiency in oral skills, accurate comprehension of contemporary and cultural reading passages; it expands the use of grammatical constructions and vocabulary, and begins the development of expository composition. Culturally related activities of selected regions or countries will be explored. The focus of this course is novice proficiency.

What's next? Spanish III or Spanish III IH/PreAP

503401	Spanish III	9-12	1
Prerequisite:	Spanish II or Spanish II H/IH/PreAP		

Spanish III continues to develop the oral skills with added emphasis on reading and writing skills. The focus is on the development of novice mid-to-intermediate-low proficiency. Expansion of vocabulary and grammatical structures continues. Contrast between English and Spanish strengthen the language learning process. Culturally related activities of selected Hispanic countries and regions will be explored.

What's next? Spanish IV or Spanish IV/V AP

503431	Spanish III PreAP	10 - 12	1
503461	Spanish III IH		
Prerequisite:	Spanish I and II H/IH/PreAP		

Spanish III H/IH/PreAP is an expansion of Spanish III. The course extends the Texas Essential Knowledge and Skills (TEKS). It utilizes high-level/critical thinking and focuses on the development of mid-intermediate proficiency in oral skills, comprehension of Spanish literature history, expository composition, and expands the use of grammar and vocabulary.

What's next? Spanish IV or Spanish IV AP

504401	Spanish IV	11 - 12	1
Prerequisite:	Spanish III or Spanish III IH/PreAP		

Spanish IV continues to develop the oral skills with added emphasis on reading and writing skills. The focus is on the development of intermediate-low proficiency. Expansion of vocabulary and grammatical structures continues. Contrast between English and Spanish strengthen the language learning process. Culturally related activities of selected Hispanic countries and regions will be explored. **This course may not be offered on all campuses.**

504451	Spanish IV – AP	10 - 12	1
Prerequisite:	Spanish III or Spanish III H/IH/PreAP		

This course stresses the development of fluency in oral skills, expository composition, and expanded use of grammar. This course utilizes higher-level/critical thinking and focuses on the development of accuracy and fluency. This course prepares students to take the Spanish Language AP exam. This course is conducted predominantly in Spanish.

What's next? Spanish V AP

505451	Spanish V AP	12	1
Prerequisite:	Spanish IV or Spanish IV AP/IB		

This course meets the requirements of Spanish collegiate studies. It stresses the development of fluency in oral skills, comprehension of Spanish literature and history, expository composition, and expanded use of grammar. It utilizes high-level/critical thinking and focuses on the development of accuracy and fluency. This course prepares the student to take the Spanish Literature AP exam. This course is conducted predominantly in Spanish.

501471, 502471, 503471	Spanish for Native Speakers I, II, III	9 - 10	1-3
Prerequisite:	Intermediate high proficiency in listening and speaking, teacher recommendation		

Spanish for Native Speakers is designed for students who already have an intermediate high proficiency in listening and speaking. This course compacts Spanish I, Spanish II and Spanish III. The focus of this course is to standardize and improve existing skills in reading and writing. Specific attention is paid to grammatical and spelling accuracy. Students completing any combination of this course and/or CBE will be awarded three credits. This course employs higher-level/critical thinking and focuses on the development of accuracy and fluency in reading and writing. **This course may not be offered on all campuses.** This course is conducted in Spanish.

What's next? Spanish IV or Spanish IV AP

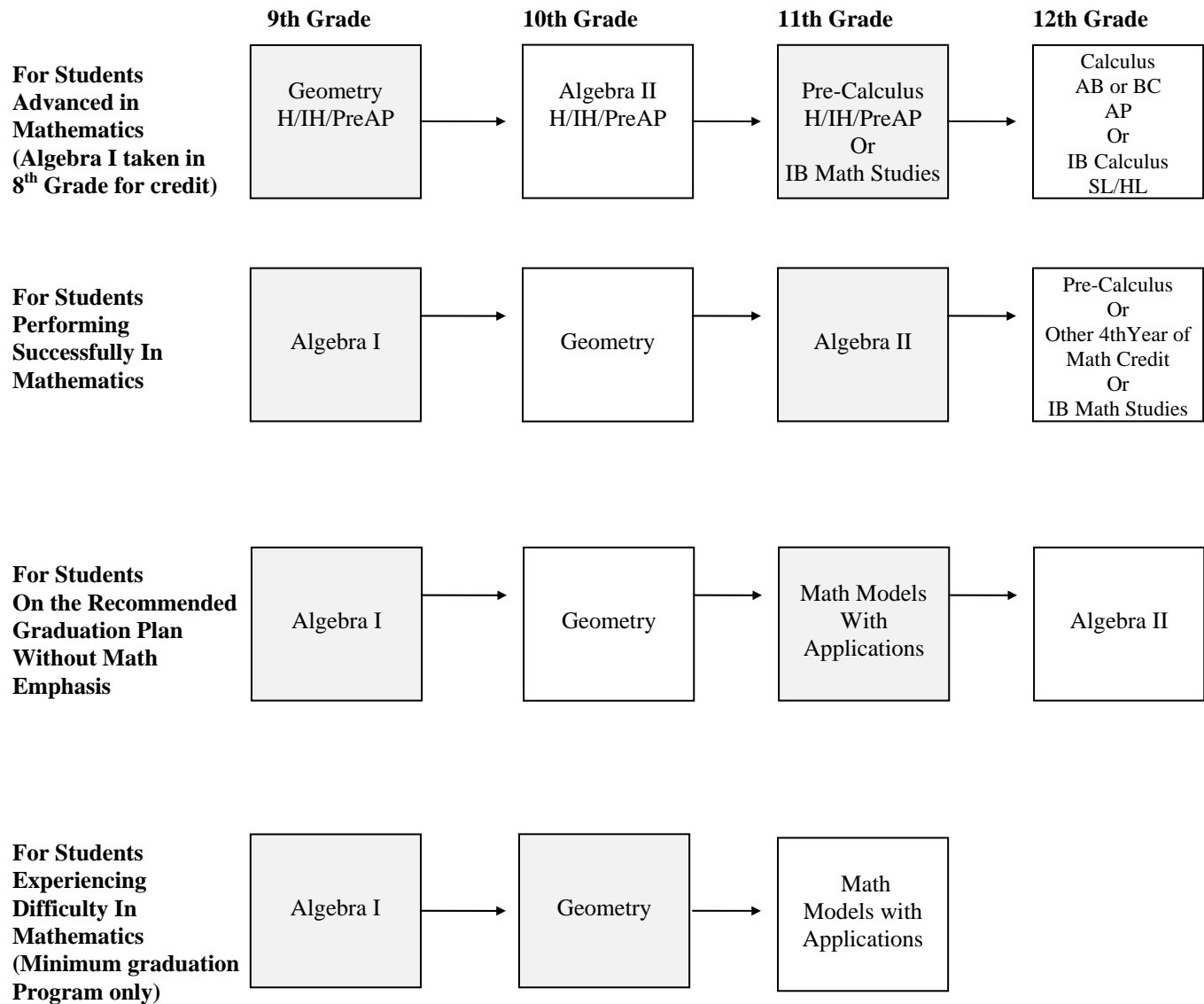
504471	Spanish for Native Speakers IV AP	9 - 10	1
Prerequisite:	Intermediate high proficiency in listening and speaking, teacher recommendation		

This course stresses the development of expository composition and expanded use of grammar. This course utilizes higher-level/critical thinking and focuses on the development of accuracy and fluency. This course prepares students to take the Spanish Language AP exam. This course is conducted in Spanish. **This course may not be offered on all campuses.**

What's next? Spanish V AP

MATHEMATICS

Possible Selections for 9-12 Mathematics



Courses Offered At Level

9/10

Algebra I
Algebra I H/IH/PreAP
Geometry
Geometry H/IH/PreAP
Algebra II
Algebra II H/IH/PreAP
Pre-Calculus H

11/12

Geometry
Algebra II
Algebra II H/IH/PreAP
Math Independent Study
Pre-Calculus
Pre-Calculus H/IH/PreAP
Math Models with Applications
IB Math Studies
Calculus AB - AP
Calculus BC – AP
IB Calculus SL
IB Calculus HL
Statistics AP

NOTE: Middle school credit is **NOT** granted until **BOTH** semesters are completed **AT** middle school.

Students can **NOT** complete 1st semester at middle school and 2nd semester at summer school. **IF ALGEBRA I IS TAKEN IN MIDDLE SCHOOL, 3 additional MATH CREDITS ARE REQUIRED ABOVE ALGEBRA I.**

MATHEMATICS

Plano ISD Course No.	Subject	Grade	Credits
152001	Algebra I	9 - 10	1
152031	Algebra I H/PreAP	9 - 10	1
152061	Algebra I IH	9 - 10	1
153001	Geometry	9 - 12	1
153031	Geometry – H/PreAP	9 - 10	1
153061	Geometry – IH	9 - 10	1
154001	Algebra II	10 - 12	1
154031	Algebra II H/PreAP	10 - 12	1
154061	Algebra II IH	10 - 12	1
153501	Mathematical Models with Applications	11 - 12	1
156001	Math Independent Study	11 - 12	1
155001	Pre-Calculus	11 - 12	1
155031	Pre-Calculus – H/PreAP	10 - 12	1
155061	Pre-Calculus – IH	10 - 12	1
159151	Calculus -AB -AP	12	1
159251	Calculus -BC –AP	12	1
158051	Statistics AP	11 -12	1

152001 Algebra I **9 - 10** **1**
Prerequisite: **Eighth grade mathematics (for ninth grade students)**

This course is the study of the real number system and its various subsystems; algebraic representation, solution, and evaluation of problem situations; graphing as a tool to interpret linear representation, solution, and evaluation of problem situations; graphing as a tool to interpret linear relations, functions, and inequalities; quadratic equations; polynomials; rational expressions; and properties of an operations with square roots.

What's next? Geometry

152031 Algebra I – H/PreAP **9 - 12** **1**
152061 Algebra I – IH
Prerequisite: **Teacher approval, a mastery of eighth grade mathematics Texas Essential Knowledge and Skills (TEKS)**

This course is designed for students who have exhibited superior mathematical ability and are ready to study high school level work. The content of this Algebra I course will include a study of the real numbers and their operations, the language of algebra, linear equations and inequalities, ratio, proportion and variations, polynomials, rational expressions, radicals, and quadratic relations. Students will receive high school credit and high school grade points.

What's next? Geometry or Geometry – H/IH/PreAP (high school)

153001 Geometry **9 - 12** **1**
Prerequisite: **Algebra I**

The course is the study of axiomatic systems; lines, segments, and angles; triangles; other polygons; circles; solid geometry; and measurement.

What's next? Algebra II

153031 Geometry – H/PreAP **9 - 10** **1**
153061 Geometry – IH
Prerequisite: **Algebra I H/IH/PreAP**

The student will study the same topics as defined for Geometry plus advanced topics in space geometry. Since this is an advanced course, students will be discussing problems and concepts not normally covered in a regular course. Higher levels of understanding such as relationships of ideas, analysis, synthesis, and evaluation will be stressed.

What's next? Algebra II H/IH/PreAP or Algebra II

154001	Algebra II	10 - 12	1
Prerequisite:	Algebra I and Geometry		

This course is the study of mathematical structure, quadratic functions, quadratic relations, conic sections, systems of equations, and numerical methods and higher degree polynomials.

What's next? Pre-Calculus

154031	Algebra II- H/PreAP	10 - 12	1
154061	Algebra II – IH		
Prerequisite:	Algebra I H/IH/PreAP, Geometry H/IH/PreAP, and teacher approval		

Students will study the same topics as defined in Algebra II plus additional topics in sequences, series, and probability. In addition, more emphasis will be given to algebraic proof of theorems. Higher levels of understanding such as relationship of ideas, analysis, synthesis, and evaluation will be stressed. Since this is an Honors course, teachers and students will be discussing problems normally not covered in a regular course.

What's next? Pre-Calculus H/IH/PreAP or Pre-Calculus

153501	Mathematical Models with Applications	11 - 12	. 5-1
Prerequisite:	Algebra I and Geometry		

Students will continue to build on Algebra I foundations as they expand their understanding through other mathematical experiences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Students use mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Students use mathematical models from algebra, geometry, probability, and statistics and connections among these to solve problems from a wide variety of advanced applications in both mathematical and nonmathematical situations. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including calculators with graphing capabilities, data collection devices, and computers) to link modeling techniques and purely mathematical concepts and to solve applied problems. **This course may not be offered on all campuses.**

What's next? Geometry, Algebra II

156001	Math Independent Study	11 – 12	1
Prerequisite:	Algebra II		

This course will concentrate on the following concepts: the three major trigonometry functions, statistics, probability, functions, logic, and data analysis. This course will provide a 4th year of math alternative to pre-calculus for students who experience limited success in Algebra II.

155001	Pre-Calculus	11 - 12	1
Prerequisite:	Algebra II and Geometry		

This course is the study of relations, functions, and their graphs; polynomial functions; rational functions and functions involving radicals; exponential and logarithmic functions; circular trigonometric functions, their properties, and applications; complex numbers and polar coordinates; vectors and parametric equations; sequences and series; and second degree relations. Graphing calculators will be used extensively in this course. This course fulfills all the objectives of a traditional trigonometry course. In addition, this course prepares the students for calculus.

What's next? Calculus AB - AP

155031	Pre-Calculus – H/IH/PreAP	10 - 12	1
155061	Pre-Calculus – IH		
Prerequisite:	Algebra II H/IH/PreAP and Geometry H/IH/PreAP		

Pre-Calculus is an honors course, which combines the elements of Trigonometry, Elementary Analysis, and Analytic Geometry. This course is an in-depth study of the real and complex numbers, functions (polynomial, rational, exponential, logarithmic, circular, and trigonometric), vectors, sequences and series, and second-degree relations. Students who satisfactorily complete this course may take calculus.

What's next? Calculus BC - AP

159151	Calculus AB - AP	12	1
159251	Calculus BC - AP		
Prerequisite:	Pre-Calculus		

Calculus AB - AP: 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.

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

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

158051	Statistics – AP	11 - 12	1
Prerequisite:	Pre-Calculus or concurrently enrolled in Pre-Calculus		

Statistics AP is built around four main topics: exploring data, planning a study, understanding probability theory, and acquiring critical inferential reasoning skills. Students will actively participate in both short and long-term "hands-on" projects. TI-83 calculators and various computer programs will be used on a regular basis. This course prepares the student to take the Advanced Placement exam.

MISCELLANEOUS COURSES

Plano ISD Course No.	Subject	Grade	Credits
951501	Mapping for Academic and Personal Success {MAPS}	9 – 10	.5 – 1
951601	AVID I	9	1
951701	AVID II	10	1
951801	AVID III	11	1
952691	Library Aide* (LOCAL CREDIT, NO STATE CREDIT, NO GPA)	9 - 12	.0
952791	Office Aide* (LOCAL CREDIT, NO STATE CREDIT, NO GPA)	9 - 12	.0
952301	Student Senate (Government & Leadership)	11 - 12	.5 - 1
952391	Student Senate (LOCAL CREDIT, NO GPA)	11 – 12	.0
952501	(PAL) Peer Assistance and Leadership (State Credit)	9 - 12	1
952591	(PAL) Peer Assistance and Leadership (LOCAL CREDIT, NO GPA)	9 – 12	.0
952491	Academic Decathlon (LOCAL CREDIT, NO GPA)	11 – 12	.0

*Student Aides receive no credit, and grades **are not** calculated in the Grade Point Average (GPA).

951501	Mapping for Academic and Personal Success {MAPS}	9 – 10	.5 - 1
Prerequisite:	None		

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. Students will develop the specific strategies necessary to achieve their personal and professional goals. The course 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.

951601	AVID I	9	1
Prerequisite:	Recommendation, Application, Interview Required		

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. **This course may not be offered on all campuses.**

951701	AVID II	10	1
Prerequisite:	AVID I or Recommendation, Application, Interview Required		

The AVID course is designed to prepare students for success in postsecondary education. This is the 10th grade course which when combined with AVID 1, 3 and 4, will provide the 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. **This course may not be offered on all campuses.**

951801	AVID III	11	1
Prerequisite:	AVID II		

The AVID course is designed to prepare students for success in postsecondary education. This is the 11th grade course which when combined with AVID 1, 2 and 4, will provide the 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. **This course may not be offered on all campuses.**

952691	Library Aide* (LOCAL CREDIT, NO STATE CREDIT, NO GPA)	9 - 12	.0
Prerequisite:	Interview/selection		

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* (LOCAL CREDIT, NO STATE CREDIT, NO GPA)	9 - 12	.0
Prerequisite:	Interview/selection		

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)	11 - 12	.5 - 1
952391	Student Senate (LOCAL CREDIT, NO STATE CREDIT, NO GPA)	11 - 12	0
Prerequisite:	Student body election		

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.**

952501	(PAL) Peer Assistance and Leadership	9 - 12	1
952591	(PAL) Peer Assistance and Leadership (LOCAL CREDIT, NO STATE CREDIT, NO GPA)	9 - 12	.0
Prerequisite:	None		

This course provides selected students an opportunity to work in a helping role with students on their own campus and/or with students from feeder middle schools and elementary schools, in order to facilitate a more positive school experience and more informed and responsible decision-making. PAL students will receive training in areas such as communication and listening skills, tutoring, group dynamics and other means of helping younger students deal with issue of concern to them. **Students can only earn one credit in four years.**

952491	Academic Decathlon (LOCAL CREDIT, NO STATE CREDIT, NO GPA)	11 - 12	.0
Prerequisite:	Approval of instructor		

Academic Decathlon is a unique national scholastic competition designed for high school students in a broad scope of academic areas. It provides an opportunity for students to experience the challenges of rigorous academic competition through participation in ten academic areas. Teamwork, communication, and self-assurance are attributes that are all essential elements found in Academic Decathlon. The purposes of the program are to encourage students to develop a greater respect for knowledge, to promote wholesome inter-school competition in academic areas of study and interest, to stimulate intellectual growth and achievement, and to encourage public interest and awareness of outstanding programs in our schools. The United States Academic Decathlon format includes students from all academic backgrounds. The final team to represent each of Plano's senior high schools 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.

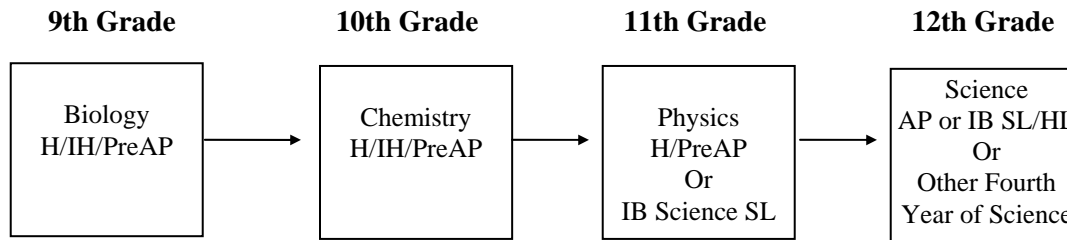
Plano ISD's talent pool from the three senior high schools participates in two district practice meets at a senior high school. The coaches work with students on a daily basis and at specified times after school. In late November/early December the final nine-member team from each senior high is selected. Team competition levels are regional, state, and national.

Academic Decathlon class – 7th period
Each senior high school's Academic Decathlon coaches and counselors work with students to rearrange students' class schedules, if possible. Other arrangements are handled on a per campus basis. Students are required to spend some weeknights and weekends for preparation for competition.

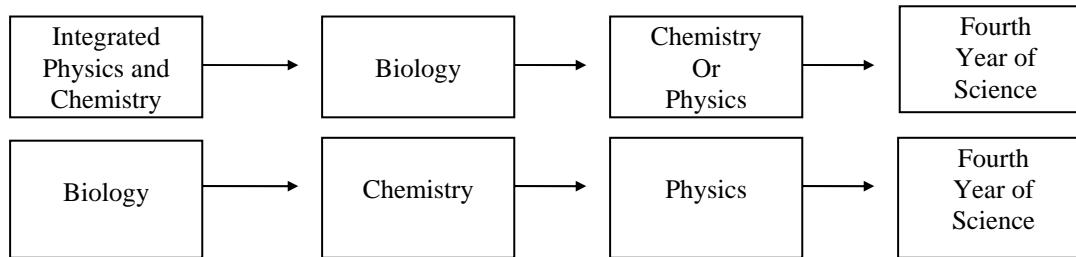
SCIENCE

Recommended Selections for 9-12 Science

For students advanced in science and math following the Recommended Program.



For students following the Recommended Program.



Courses Offered At Level

9/10

Biology
Biology H/PreAP/IH
Integrated Physics and Chemistry
Chemistry
Chemistry H/PreAP/IH
Scientific Research and Design H

11/12

Biology
Biology AP or Biology IB SL/HL
Integrated Physics and Chemistry
Environmental Systems
Environmental Science AP/IB
Anatomy and Physiology
Chemistry
Chemistry H/IB/PreAP
Chemistry AP or Chemistry IB SL/HL
Scientific Research and Design - H
Physics
Physics IB SL/HL
Physics H/PreAP
Physics B - AP
Physics C - AP
Geology, Meteorology, and Oceanography

**TO BE COMPLETED
BY THE END OF 11TH GRADE**

**THREE (3) CREDITS MUST
INCLUDE EITHER**

Sequence 1:

Integrated Physics and Chemistry (IPC)
Biology
Chemistry or Physics

OR

Sequence 2:

Biology, Chemistry, and Physics.

Biology is required for **ALL** students.

It is required that students pass the science TAKS to graduate, therefore students must complete one of the above course sequences.

Those science courses, which offer dissection as a means of instruction, will provide alternative assignments for those students and parents who have justifiable objections to dissection. Depending upon personal career and college goals, students may choose a three-year or four-year science progression.

SCIENCE

Plano ISD

Course No.	Subject	Grade	Credits
201001	Integrated Physics and Chemistry	9 – 12	1
204001	Biology	9 – 12	1
204031	Biology H/PreAP	9 – 10	1
204061	Biology IH	9	1
204101	Anatomy and Physiology of Human Systems	11 – 12	1
204151	Biology AP	11 – 12	1.5
204161	Biology IB SL/HL	11 – 12	1.5
205001	Chemistry	10 – 12	1
205031	Chemistry - H/PreAP	10 – 12	1
205061	Chemistry - IH	10	1
205151	Chemistry AP	11 – 12	1.5
205161	Chemistry IB SL/HL	11 – 12	1.5
206001	Physics	11 – 12	1
206031	Physics – H/PreAP	11 – 12	1
206061	Physics – IB SL	11 – 12	1
206161	Physics – IB HL	12	1
206151	Physics B - AP	12	1
206251	Physics C - AP	12	1
208201	Environmental Systems	11 – 12	1
208251	Environmental Science AP	11 – 12	1
208261	Environmental Science IB SL	11 – 12	1
207001	Geology, Meteorology, and Oceanography	11 – 12	1
208001	Scientific Research and Design - H	10 – 12	1

201001 Integrated Physics and Chemistry

9 - 12

1

Prerequisite: None

This course integrates the disciplines of physics and chemistry in topics such as the following: motion, waves, energy, transformations, properties of matter, changes in matter, and solution chemistry. The use of technology and laboratory investigation will be a primary focus in instruction. Student investigations will emphasize accurate observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials in the laboratory.

What's next? Biology or Biology Honors/IH/PreAP

204001 Biology (first year)

9 - 12

1

Prerequisite: None

Biology is the study of the structure, growth, and function of the life systems of selected organisms. This study will encompass historical contributions to biological concepts; energy production, transfer, and use in living systems; and the relationships of organisms with each other and with their environments. Students acquire data using their senses and instrumentation. Observations are made of living organisms in the environment, prepared specimens, various ecosystems, and inherited traits. Student investigations emphasize accurate observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials in the field and the laboratory.

What's next? Integrated Physics and Chemistry (IPC), Chemistry, or Physics

204031	Biology H/PreAP (first year)	9 - 10	1
204061	Biology IH	9	
Prerequisite:	Teacher recommendation and appropriate test scores		

The biology H/IH/PreAP course offers students an in-depth study and observation of living organisms in the environment, prepared specimens, various ecosystems, and inherited traits. Student investigations emphasize accurate observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials in the field and the laboratory. **Students will complete an independent research project.**

What's next? Chemistry or Chemistry – H/IH/PreAP

204151	Biology – AP (second year)	11 - 12	1.5
204161	Biology – IB SL/HL		
Prerequisite:	Biology (1 credit), Chemistry (1 credit) and approval of instructor		

The Biology-AP or Biology IB SL/HL course is designed to be the equivalent of an introductory college-level course. At least half of the time will be spent in laboratory-oriented investigations. An examination will be available upon the conclusion of required material for possible advanced placement in college.

Biology AP or Biology IB SL/HL is the study of general biological principles as well as of the more specialized biological sciences. Cytology, biochemistry, developmental biology, genetics, ecology, taxonomy, and various aspects of adaptation are integrated within the course. Relationships and applications of concepts within and among the various sciences are explored. The student acquires data by using his senses and instrumentation. Student investigations emphasize accurate observations, collection of data, data analysis and the safe manipulation of laboratory apparatus and materials in the laboratory and field. As an advanced course, Biology AP/IB has as prerequisites Biology and Chemistry. This course prepares the student to take the Advanced Placement/IB exam.

205001	Chemistry (first year)	10 - 12	1
Prerequisite:	Algebra I Credit Required and completion of IPC (Integrated Physics and Chemistry) or Biology		

Only those ninth grade students who are on level and have strong math and reading skills should enter biology in 9th grade and chemistry in 10th grade. Chemistry is the study of the structure, composition, and behavior of matter. The course of study emphasizes the investigation of matter, its interactions, and the factors affecting the interactions. Chemistry is a laboratory-oriented course that stresses the observation of matter and its behavior, classification of matter, communication of data, measurement of chemical quantities, prediction of chemical phenomena, and manipulation of chemical investigations. Students acquire data by using their senses and instrumentation. Student investigations emphasize accurate observations, collection of data, data analysis and the safe manipulation of laboratory apparatus and materials in the laboratory and field.

What's next? Biology AP/IB or Physics or Physics-H/IH/PreAP or Chemistry AP/IB

205031	Chemistry H/PreAP (first year)	10 - 12	1
205061	Chemistry IH	10	
Prerequisite:	Teacher approval and appropriate test scores – Algebra I (1 credit), Biology (1 credit), and Geometry (1 credit) are required.		

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

What's next? Physics or Physics H/PreAP or Biology-AP/IB or Chemistry-AP or Chemistry IB SL/HL

205151	Chemistry – AP (second year)	11 - 12	1.5
205161	Chemistry – IB SL/HL		
Prerequisite:	Chemistry (1 credit), Biology (1 credit) , and approval of instructor		

Chemistry-AP or Chemistry IB SL/HL is an in-depth study of chemical concepts and principles encountered in Chemistry. It also integrates the specialized areas of chemistry such as organic chemistry, quantitative and qualitative analysis, and nuclear chemistry. Chemistry is an advanced course with recommended prerequisites of Chemistry and Physics; the latter may be taken concurrently with Chemistry-AP or Chemistry IB SL/HL. Student investigations emphasize accurate observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials.

The laboratory program in Chemistry AP or Chemistry IB SL/HL will present both confirmatory activities and inquiry investigations. The student will have experience in glass working, filtrating, titrating, weighing, collecting and handling gases, selecting and arranging apparatus, and designing some experiments. Through laboratory experiences, students will gain an operational definition of the concepts and principles of chemistry. Some of the laboratory work will include the analysis of unknowns through a variety of laboratory procedures. This course prepares the student to take the Advanced Placement/IB exam.

206001	Physics (first year)	11 - 12	1
Prerequisite:	Algebra I (1 credit) and Geometry (1 credit), 2 credits of science		

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. Students acquire information using the senses and instrumentation. Observations of the laws of force and motion, the nature of light, wave phenomena, and properties of electricity and magnetism are integral components of the course. Student investigations emphasize accurate observations, collection of data, analysis of data, and the safe manipulation of laboratory apparatus and materials.

What's next? Physics B -AP or Chemistry AP/IB or Biology AP/IB

207001 **Geology, Meteorology, Oceanography** **11 - 12** **1**
Prerequisite: **Integrated Physics and Chemistry (IPC) (1 credit) and Biology (1 credit)**

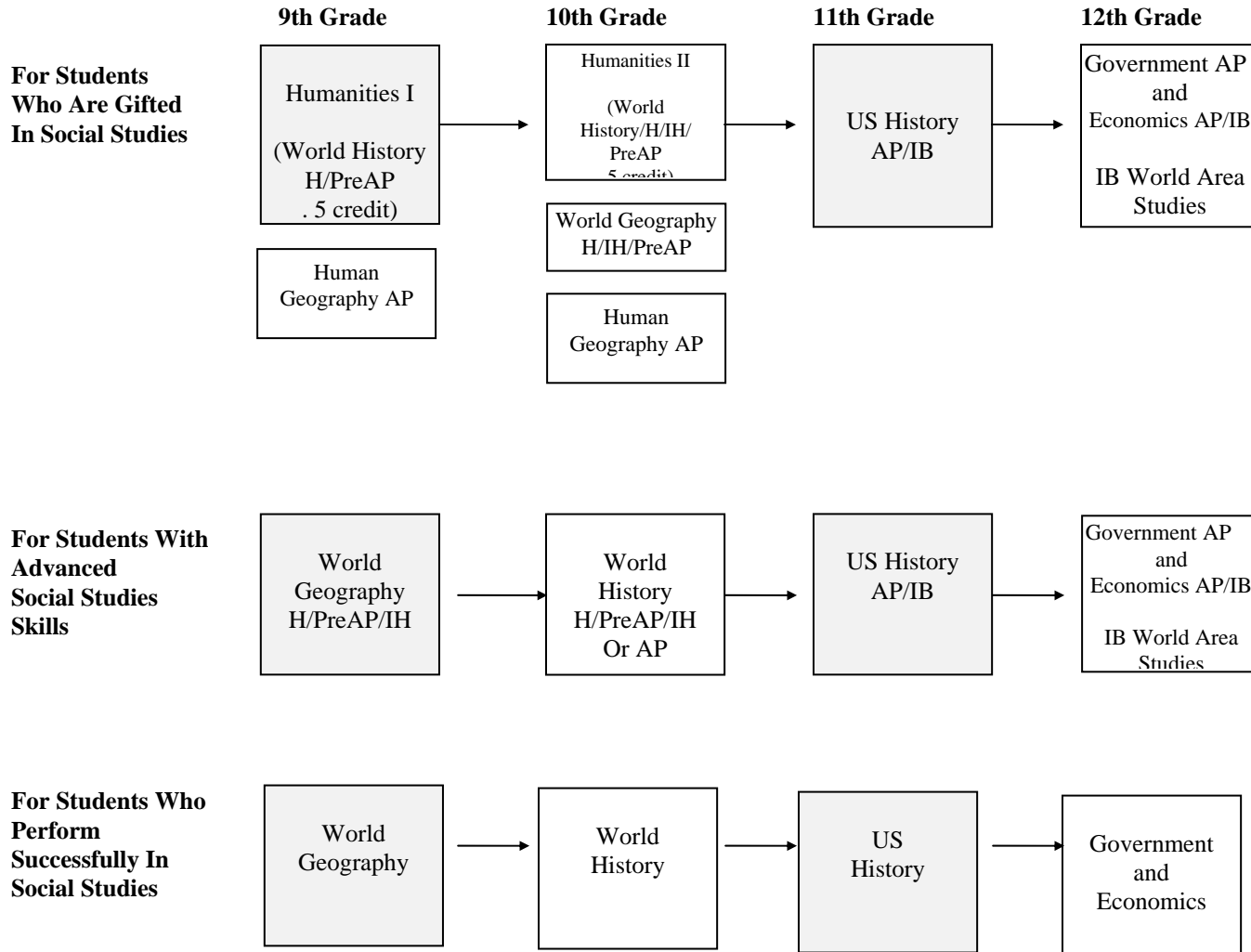
In Geology, Meteorology, Oceanography, students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Geology, Meteorology, Oceanography study a variety of topics that include: characteristics and conditions of the Earth; formation and history of the Earth; plate tectonics; origin and composition of minerals and rocks and the rock cycle; processes and products of weathering; natural energy resources; interactions in a watershed; characteristics of oceans; characteristics of the atmosphere; and the role of energy in weather and climate.

208001 **Scientific Research and Design Honors** **10 - 12** **1**
Prerequisite: **Approval of instructor through application, one credit of biology or**
 Biology Honors/IH/PreAP (1 credit), concurrent enrollment in an honors science course suggested

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.**

SOCIAL STUDIES

Recommended Selections for 9-12 Social Studies



Students may take two social studies courses simultaneously.

COURSES OFFERED AT LEVEL

9/10

World History
 World History H/PreAP/IH
 World History AP
 World Geography
 World Geography H/PreAP/IH
 Human Geography AP
 Humanities I
 Humanities II
 European History AP

11/12

US History
 US History AP/IB
 World History
 World Geography
 Contemporary World Issues
 US Government
 US Government AP
 Comparative Governments AP
 Economics
 Economics AP - MACRO
 Economics AP - MICRO
 Economics IB
 European History AP
 Psychology
 Psychology AP
 Sociology
 Sociology H
 IB World Area Studies

Graduation Requirements:

1 credit World Geography
 1 credit World History
 1 credit US History
 .5 credit Government
 .5 credit Economics

SOCIAL STUDIES

Plano ISD Course No.	Subject	Grade	Credits
253001	World Geography Studies	9 - 12	1
253031	World Geography Studies-H/IH/PreAP	9 – 10	1
25325B	Human Geography – AP	9 - 10	1
252001	World History Studies	9 - 12	1
252031	World History Studies-H/IH/PreAP	9 – 10	1
252151	World History – AP	10	1
25220B	Contemporary World Issues	11 - 12	.5
251001	United States History	11 - 12	1
251051	United States History – AP	11 - 12	1
25400B	United States Government	11 - 12	.5
25405B	United States Government - Government and Politics - AP	11 - 12	.5
25415B	Government - Comparative - AP	11 - 12	.5
25500B	Economics, with Emphasis on the Free Enterprise System and its benefits	11 - 12	.5
25505B	Economics, with Emphasis on the Free Enterprise System and its Benefits-AP (MACRO)	11 - 12	.5
25515B	Economics, with Emphasis on the Free Enterprise System and its Benefits-AP (MICRO)	11 - 12	.5
25700B	Psychology	11 - 12	.5
25705B	Psychology-AP	11 - 12	.5
25800B	Sociology	11 - 12	.5
25803B	Sociology - H	11 – 12	.5
256051	European History-AP	10 - 12	1

253001 World Geography Studies 9 - 12 1
Prerequisite: None

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

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

253031 World Geography Studies-Honors/PreAP 9 – 10 1
253061 World Geography Studies-IH 9 – 10 1
Prerequisite: None

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

253251 Human Geography AP 9 - 10 1
Prerequisite: None

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

252001	World History Studies	9 - 12	1
Prerequisite:	None		

This course includes a survey of ancient medieval and modern times with an emphasis placed upon modern times. A background of world events will be presented to the student to help understand current events and world problems. Both Western and Non-Western areas of the world will be studied.

252031	World History Studies-H/IH/PreAP	9 – 10	1
Prerequisite:	None		

Honors/IH/PreAP World History is designed for mastery of the Texas Essential Knowledge and Skills as well as extension beyond this mastery. The Honors student will be expected to use primary source materials extensively. Additionally, emphasis will be given to the study of prehistoric times and the modern era. Research, critical thinking, and writing skills will be developed through creative projects and activities.

What's next? US Government or Economics or US Government-H or Economics-H

252151	World History - AP	10	1
Prerequisite:	None		

This course may be taken to fulfill the World History requirement for graduation. This course focuses primarily on the past thousand years of the global experience. It emphasizes the empires of China and Mesoamerica; the expansion of Islam; the period of new political credits in Africa and Europe; and social, cultural, and economic developments around the world. This course prepares the student to take the Advanced Placement examination. If a student has earned a credit in World History Studies or World History Studies H/IH/PreAP, enrollment in World History AP course will not count as a credit.

What's next? US History – AP

25220B	Contemporary World Issues	11 - 12	.5
Prerequisite:	None		

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. (This course is not appropriate for students with reading difficulties.) **This course may not be offered on all campuses.**

251001	United States History	11 - 12	1
Prerequisite:	None		

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

251051	United States History- AP	11 - 12	1
Prerequisite:	None		

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

25400B	United States Government	11 - 12	.5
Prerequisite:	None		

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.

25405B	United States Government - Politics - AP	11 - 12	.5
Prerequisite:	None		

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

25415B	Comparative Government - AP	11 - 12	5
Prerequisite:	None		

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.**

25500B	Economics, with Emphasis on the Free Enterprise System and Its Benefits	11 - 12	.5
Prerequisite:	None		

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.

25505B	Economics, with Emphasis on the Free Enterprise System and its Benefits-AP	Macro - 11 - 12	.5
25515B	Economics, with Emphasis on the Free Enterprise System and its Benefits-AP	Micro - 11 - 12	.5
Prerequisite:	None		

AP Macroeconomics

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.

AP Microeconomics

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.

25700B	Psychology	11 - 12	.5
Prerequisite:	None		

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.

25705B	Psychology-AP	11 - 12	.5
Prerequisite:	None		

Psychology AP is designed to meet the requirements of a college level course in psychology. Many topics explored in the regular course will be developed to a higher level. This course prepares the student for the Advanced Placement exam which they will be given the opportunity to take in May. Students may take Psychology and Psychology AP and be awarded state elective credit for each course.

25800B	Sociology	11 - 12	.5
Prerequisite:	None		

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

25803B	Sociology- H	11 - 12	.5
Prerequisite:	None		

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

256051	European History-AP	10 - 12	1
Prerequisite:	None		

The course is for the advanced social studies student who demonstrates 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.

SPEECH

Plano ISD Course No.	Subject	Grade	Credits
45350B	Communication Applications	9 - 12	.5
45250B	Introduction to Radio and Television	11 - 12	.5
451601	Debate I	9 - 12	1
452601	Debate II	10 - 12	1
453601	Debate III	11 - 12	1
453631	Debate III H	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 H	11 - 12	1
454731	Independent Study/Speech H	11 - 12	1

45350B **Communication Applications** **9 - 12** **.5**
Prerequisite: **None**

This required state-designed speech course is a mandatory communication course for all high school students. The goal is for students to learn effective interpersonal skills, verbal and non-verbal messages, presentation skills, and interview skills in order to be successful in the workplace. Students will give informal presentations and one formal speech. **All students must complete this course for the .5-speech credit required for graduation.**

What's next? Any Speech elective

45250B **Introduction to Radio and Television** **11 - 12** **.5**
Prerequisite: **None**

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.

What's next? Any Speech elective

451601 **Debate I** **9 - 12** **1**
Prerequisite: **None**

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 participate in the debate process in the roles of witness, questioner, and auditor, and they will make evaluations of arguments. They will make debate presentations in classroom and tournament situations.

What's next? Debate II

452601 **Debate II** **10 - 12** **1**
Prerequisite: **Debate I**

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 as they prepare briefs and cases. They will participate in the debate process in the roles of witness, questioner, and auditor, and they will make evaluations of arguments. They will make debate presentations in classroom and tournament situations.

What's next? Debate III

453601 **Debate III** **11 - 12** **1**
Prerequisite: **Debate II**

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 participate in the debate process in the roles of witness, questioner, and auditor, and they will make evaluations of arguments. They will make debate presentations in classroom and tournament situations.

453631 **Debate III H** **11 - 12** **1**
Prerequisite: **Debate II H, Teacher Approval**

This is the third course for those students wishing to continue their study of debate. 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. This course requires a contract for completion of course requirements in order to receive honors credit.

451701	Oral Interpretation I	9 - 12	1
Prerequisite:	None		

Students in this course 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.

What's next? Oral Interpretation II

452701	Oral Interpretation II	10 - 12	1
Prerequisite:	Oral Interpretation I		

This is the second course for those students wishing to continue their study of oral interpretation. Students in this course 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.

What's next? Oral Interpretation III

453701	Oral Interpretation III	11 - 12	1
Prerequisite:	Oral Interpretation II		

This is the third course for those students wishing to continue their study of oral interpretation. Students in this course 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.

453731	Oral Interpretation III H	11 - 12	1
Prerequisite:	Oral Interpretation II H, Teacher Approval		

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.

454701	Independent Study/Speech H	11 - 12	1
Prerequisite:	Oral Interpretation or Debate and Teacher Approval		

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) offers an opportunity for students to learn skills they may use in high school, in college, in a career after graduation and/or as a financial means to help further their education. CTE blends academics and career preparation to produce well-rounded graduates ready for the opportunities of the world.

The Plano Independent School District has begun implementation of *Achieve Texas* which is an education initiative/system designed to prepare all students for a lifetime of success through wise education choices. The initiative is based on the belief that the curricula of the 21st century should combine *rigorous* academics with *relevant* Career & Technical Education, which enables students to see the “usefulness” of what they are learning. The system facilitates a seamless transition (beginning in 8th grade) from secondary to postsecondary opportunities utilizing the sixteen federally defined Career Clusters. There are models (Plans of Study) within each Career Cluster that recommend the sequence of coursework based on a student’s interest or career goal.

View Plano ISD’s Plans of Study for each Career Cluster at <http://k-12.pisd.edu/achievetexas>

Plano ISD offers CTE courses in the following Career Clusters:

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



Read more about *Achieve Texas* at <http://www.achievetexas.org>.

It is the policy of Plano ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its career 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 the lack of English language skills will not be a barrier to admission and participation in all educational and career programs.

CAREER & TECHNICAL EDUCATION (continued)

Career Preparation (Co-op) Courses & Internships

A first-year student planning to enroll in a Career Preparation program (Co-op) or a 2 - 3 hour intern program is expected to complete a student information form. This form may be obtained from the counselor's office.

Physical Education Waiver

A student who successfully completes a two or three hour CTE course may receive a waiver of one semester of state required physical education for each semester of the course. The student may receive up to three semesters of physical education credit through participation in a two or three hour CTE course. This three-semester waiver meets the state graduation requirements for physical education. A student may not receive both physical education credit and a physical education waiver credit during the same semester. Also, a student may not receive two waiver credits during the same semester.

Health Credit

The state health credit required for graduation may be fulfilled by successful completion of both semesters of Medical Science Careers.

Tech Prep Credit

Tech Prep courses offer college credit through Collin County Community College at no cost to the student. Course descriptions will identify which CTE courses may award Tech Prep credit.

To receive Tech Prep credit, students must

1. Enroll at Collin County Community College and declare an associate degree major within 24 months of graduating high school. This major may include your Tech Prep classes in the degree plan.
2. Complete 6 non-developmental credit hours at Collin County Community College (two 3-credit courses).
3. Complete a Petition for Tech Prep Credit.
4. Bring the petition and your high school transcript to the Global Edge office on the Central Park Campus in McKinney.

55175B	Floral Design II	11 - 12	. 5
Prerequisite:	Floral Design and Interior Landscape Development		

This advanced course in floral design will allow students to demonstrate skills in making contemporary designs. Students will learn business practices as they relate to the floral industry. Advanced design techniques and creativity with floral materials will be emphasized. This course will allow students interested in floral design to increase their knowledge of floral design and the floral industry. After the completion of Floral Design I and II, student will be eligible to take the Texas State Florist Association High School certification exam. Students are given the opportunity to develop leadership skills through the FFA organization. **This course may not be offered on all campuses.**

55115B	Introduction to Horticulture Science	9 - 10	. 5
Prerequisite:	None		

This course develops knowledge and skills pertaining to the maintenance and care of horticulture crops. Included in the course will be areas such as the introduction to home gardening, greenhouse nursery crop production, turf management, landscaping, and floral design. Students are given the opportunity to develop leadership skills through the FFA organization. **This course may not be offered on all campuses.**

55170	Introduction to Veterinary Technician	9 – 12	. 5
Prerequisite:	Canine Science suggested		

This course provides training in the unlicensed veterinary assistant field. The course includes, but is not limited to, animal handling and restraint, health and safety, sanitation, surgical preparation, anatomy, physiology, medical terminology, infectious diseases, instrument and equipment identification, vaccine preparation and injection techniques, laws and ethics, and veterinary office procedures. As part of the instruction, reinforcement of basic skills is provided to assist students in practicing communication skills, utilizing listening skills to follow directions, practicing basic math skills as applied to a medical setting, and reading to gain information and to perform assignments and tasks as directed. Students are given the opportunity to develop leadership skills through the FFA organization. **This course may not be offered on all campuses.**

55155B	Landscape Design, Construction and Maintenance	9 - 12	. 5
Prerequisite:	None		

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. An individual or class project may be required as assigned by the instructor. Students are given the opportunity to develop leadership skills through the FFA organization. **This course may not be offered on all campuses.**

55195B	Personal Skill Development in Agriculture	9 – 10	. 5
Prerequisite:	None		

This course is designed to help develop agricultural leadership, citizenship, and cooperation. It includes topics in personal development, employee/employer relations, and group and interpersonal communication skills. Instructional units address topics on safety, entrepreneurship, record keeping, career opportunities, leadership styles, personal leadership potential, motivation and influence, preparing resumes and applications, job interviews, employer expectations, business related ethics, decision making, problem solving, setting personal goals, time management, professional image, employer obligations, complaints and appeals, barriers to communication, written and verbal communication, listening, working with diverse groups, organizing groups, working with co-workers, and more. **This course may not be offered on all campuses.**

55125B	Plant and Animal Production	9 - 12	. 5
Prerequisite:	None		

This course includes principles of animal and plant production and the management of soils as related to agriculture. The course will include: determining the importance of soil and identifying the physical and chemical properties of soil; explaining the conservation of soil and water; recognizing methods of improving soil fertility; determining the importance of plants and animals; describing and explaining plant anatomy, physiology and reproduction; managing records of soil, plant and animal related enterprises; and exploring career opportunities in animal and plant production. Student leadership, FFA, and entrepreneurship will also be studied. An individual or class student project is required, as assigned by the instructor. **This course may not be offered on all campuses.**

552801	Veterinary Medical Assistant I	11 - 12	1
Prerequisite:	Introduction to Veterinary Technician suggested		

This course includes the academic background for entry-level positions as a veterinary assistant. In class students will learn about basic animal anatomy, disease transmission, treatment techniques, lab procedures, parasitology, basic clinical pathology, radiology, emergency procedures, medical and surgical nursing skills, client interaction, and clinic operations. Students are given the opportunity to develop leadership skills through the FFA organization. **This course provides instruction and training necessary for the TVMA Level I certification.**

552901	Veterinary Medical Assistant II	12	2
Prerequisite:	Veterinary Medical Assistant I		

This course prepares students for careers in the field of veterinary science. Instruction for this course may be delivered through arrangements such as cooperative education, preceptorships, mentoring, and job shadowing. This course would also provide an additional minimum of 160 hours of on-the-job training required for the TVMA Level II certification. Students are given the opportunity to develop leadership skills through the FFA organization. Students enrolled in this course must provide their own transportation. **This course qualifies for a physical education waiver.**

55160B	Wildlife and Recreation Management	9 - 12	. 5
Prerequisite:	None		

This course is designed to examine the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources. Also included in the course are sections covering boater education, angler education, and hunter education. Students are also given the opportunity to develop leadership skills through the FFA organization. **This course may not be offered on all campuses.**

CAREER & TECHNICAL EDUCATION
Architecture & Construction

Plano ISD Course No.	Subject	Grade	Credits
55250B	Home Maintenance & Improvement	11 – 12	.5
55235B	Interior Design	11 - 12	.5

55250B	Home Maintenance & Improvement	11 – 12	.5
Prerequisite:	None		

This classroom/laboratory course develops skills and competencies needed to maintain a safe and economical home. Students will be able to identify, select, purchase, and maintain items found on the exterior and interior of residential structures. Students will learn how to use both woodworking and metal working tools and equipment safely. Specific areas studied will be home plumbing, electrical, and heating/cooling systems. Students are given the opportunity to develop leadership skills through the FFA organization. **This course may not be offered on all campuses.**

55235B	Interior Design (Housing, Design, and Furnishings)	11 - 12	.5
Prerequisite:	None		

This course focuses on the significance of lifestyle and basic needs of an individual in order to select a home and its decor to reflect one's personality or the personalities of the family. Emphasis is placed on housing alternatives, basic home construction, the elements and principles of design, styles of furniture, and quality furniture construction. Background areas of home (wall, window, ceiling, and floor treatments), floor plans, furniture arrangements, and accessories will be analyzed for selection and use. Career opportunities in housing and interior design are examined. A career connection experience completed outside the classroom is required of all students.

CAREER & TECHNICAL EDUCATION
Arts, Audio/Visual Technology & Communications

Plano ISD Course No.	Subject	Grade	Credits
557301	Advertising Design I	11 - 12	2
557351	Advertising Design II	12	2
403001	Desktop Publishing	9 - 12	1
553101	Fashion Design I (Textile and Apparel Production, Management, and Services I)	11 – 12	1
553401 (1-hr) 553151 (2-hr)	Fashion Design II (Textile and Apparel Production, Management, and Services II) Fashion Design II	12	1 – 2
556801	Introduction to Advertising	11 – 12	1
403051	Multimedia	9 - 12	1
403101	Web Mastering	9 - 12	1
403201	Video Technology	11 - 12	1

557301	Advertising Design I	11 - 12	2
Prerequisite:	None		

This is the first year of a two-year course that offers the training and technical information for entry-level employment in advertising design careers. The first semester will include lecture and practical experience, gesture and contour drawing, texture, tone stipple dot drawing, perspective, crow quill, scratch board, color wheel, color illustration and three-color silk-screen. The second semester will include colored-pencil techniques, watercolor technique, design and color, integrated color design utilizing one letter of the alphabet; simple advertising layout, mechanical art preparation, and album cover illustration. The student will meet in class two hours daily for instruction. Students participating in optional internships must provide their own transportation. **This course qualifies for a physical education waiver. This course may not be offered on all campuses.**

What's next? Advertising Design II

557351	Advertising Design II	12	2
Prerequisite:	Advertising Design I		

This course is a continuation of Advertising Design I and includes mechanical preparation with one-and two-color overlays, full color separation, full color texture rendering, logo design, stationery package, business cards, color design, using positive and negative space, silk-screen (four or more colors with photographic stencil), and designers colors (magazine cover). The student will meet in class two hours daily for instruction. The second semester includes the following: billboard art, corporate image, airbrush, animation, television art, multi-media presentation, and introduction to computer generated art. Students participating in optional internships must provide their own transportation. **This course qualifies for a physical education waiver. This course may not be offered on all campuses.**

403001	Desktop Publishing	9 - 12	1
Prerequisite:	Proficiency in keyboarding and computer file management		

In this project-based course, students will learn the design theory and technology skills for producing effective print communications. While developing skills in page layout, editing, and graphic design, students will plan and produce documents such as newsletters, brochures, posters, marketing materials, and magazines. **This course satisfies the state technology credit required for graduation.**

553101	Fashion Design I (Textiles and Apparel Production, Management, and Services I)	11 – 12	1
Prerequisite:	None		

In this **one-hour**, full-year course, students will be introduced to the exciting world of the fashion industry. Course content will include the history of costume, garment styles, textiles, clothing construction, principles and elements of design, fashion merchandising and promotion, and careers in fashion. **This one-hour course may not be offered on all campuses.**

553401 (1-hr) 553151 (2-hr)	Fashion Design II (Textiles and Apparel Production, Management, and Services II)	12	1 - 2
Prerequisite:	Fashion Design I (Textiles and Apparel Production, Management, and Services I)		

In this **one or two hour**, full-year course, students will build upon the skills acquired in Fashion Design I. Activities will include designing and marketing a collection, clothing construction, fashion merchandising, business concepts, and formulation of a fashion show. **Students enrolled in the 2 credit Fashion Design II qualify for a physical education waiver. This course may not be offered on all campuses.**

556801	Introduction to Advertising	11 - 12	1
Prerequisite:	None		

This is a one-hour introductory course that consists of technical instruction and advertising design practice. Introduction to Advertising includes the knowledge and application of creative design, theory, principles and practices related to communication media. **This course may not be offered on all campuses.**

What's next? Advertising Design I

403051	Multimedia	9 - 12	1
Prerequisite:	Proficiency in keyboarding and computer file management		

Students will develop an understanding of the multimedia project process, from planning and design, research and development, to presentation and evaluation. Students will develop proficiency in the use of text, graphics, audio, video, and multimedia authoring tools. Students will utilize these skills to produce a variety of projects and presentations. **This course satisfies the state technology credit required for graduation.**

403101	Web Mastering	9 - 12	1
Prerequisite:	Proficiency in keyboarding and computer file management		

The student will develop an understanding of the structure, functions and technical foundations of the World Wide Web, the Internet, and intranets. After developing basic proficiency in creating Web pages using traditional HTML coding, visual HTML editors and graphics production software, students will plan and develop functional and aesthetically pleasing Web sites targeting appropriate audiences. **This course satisfies the state technology credit required for graduation.**

403201	Video Technology	11 - 12	1
Prerequisite:	1 credit in High School or Senior High School Multimedia or Web Mastering, or Video teacher recommendation		

This course includes an introduction to digital video production and hands-on use of a variety of applications and hardware ranging from simple to more sophisticated. Video production is not only instructional and analytical, but also artistic. Students will learn video basics as well as participate in pre-production, production, and post-production stages of video creation. Students enrolled in this course will be computer literate and have experience with basic electronic productivity. A prerequisite for this course is one-year of high school or senior high Multimedia or Web Mastering, or Video teacher recommendation. Students will work in seven main areas: project process, design and layout, graphics, audio/video media, lighting, presentation/delivery, and evaluation. The goal will be to develop increased understanding and proficiency in each area as the school year progresses. Students will participate in minor and major projects for a variety of purposes and audiences. **This course satisfies the state technology credit required for graduation.** **This course may not be offered on all campuses.**

CAREER & TECHNICAL EDUCATION
Business, Management & Administration

Plano ISD Course No.	Subject	Grade	Credits
35100B	Business Connections (Introduction to Business)	9 - 10	.5
355801	Business Education Career Preparation (Co-op)	12	3
35530B	Business Law	11 - 12	.5
33540B	International Business	11 – 12	.5

35100B **Business Connections (Introduction to Business)** **9 - 10** **.5**
Prerequisite: **None**

Business Connections is a one-semester course to help students become wise consumers of business products and services. This course describes the place of business in modern life and contributes to an understanding of economics and the free enterprise system. Topics of study include banking, credit, insurance, taxes, marketing, money, consumerism, career investigation, plus the personal skills needed to become a successful, effective member of the business world. **This course may not be offered on all campuses.**

355801 **Business Education Career Preparation** **12** **3**
 (Office Administration Co-op)
Prerequisite: **Must be 16 years old**

This course offers instruction based on the students' needs and interests in business occupations. Students attend classes in the mornings and work in a business environment in the afternoons. This full-year class gives students a working knowledge of technology and prepares them to be proficient in business applications using advanced computer software. Classroom instruction includes activities using word processing, database, spreadsheet, and multimedia software. Students are placed in a business environment and receive training in areas including accounting, medical, banking, legal, and computer-related fields. The students are required to be employed a minimum of 15 hours per week. Wages are paid to the student commensurate with wages to other beginning employees in similar occupations within the community. Students enrolled in this course must provide their own transportation. **This course qualifies for a physical education waiver. This course may not be offered on all campuses.**

35530B **Business Law** **11 - 12** **.5**
Prerequisite: **None**

Business Law provides practical information such as how to help students effectively handle certain legal situations. Students will have the opportunity to develop a better understanding of our legal system as it pertains to minors, family law, contracts, bankruptcy, sales warranties, employment laws, criminal law, wills, and the court system. **This course may not be offered on all campuses.**

33540B **International Business** **11 – 12** **.5**
Prerequisite: **None**

International Business provides students with an understanding of cultural diversity, the global economy, and international business organizations. The content and activities of the course allow the student to develop the appreciation, knowledge, skills, and abilities needed to work in a global marketplace. During this one semester course, each student will also have many opportunities to work in teams, and give presentations based on the research done on international business projects. **This course may not be offered on all campuses.**

CAREER & TECHNICAL EDUCATION Education and Training

Plano ISD Course No.	Subject	Grade	Credits
55230B	Child Development (Advanced Child Development)**	11 - 12	.5
553001	Early Childhood Professions I*	11 - 12	2
553051	Early Childhood Professions II*	12	2

*Tech Prep college credit may be awarded for these courses by Collin County Community College. See page 77 for details.

55230B	Child Development (Advanced Child Development)	11 - 12	.5
Prerequisite:	Annual Criminal Background Check		

This course the knowledge and skills related to the development and care of children. The content begins with the impact of parenting on the individual(s). It develops concepts related to prenatal and postnatal care, the development of children, childcare guidance techniques, and the causes and prevention of child abuse. The course emphasizes special parenting techniques for guiding children with special needs such as those who are handicapped, gifted and talented. Career opportunities in child related fields are also explored. Some classes will have the opportunity to observe in the campus early learning center preschool. A career connection activity completed outside the classroom is required of all students.

What's next? Early Childhood Professions I

553001	Early Childhood Professions I	11 - 12	2
Prerequisite:	Annual Criminal Background Check		

Early Childhood Professions is a two-hour laboratory class designed to give students the opportunity to explore careers in teaching and in occupations working directly with children. Students experience the guidance of children physically, socially, emotionally, and intellectually six hours per week in the classroom and four hours per week at field sites, including the Early Learning Center preschool located on campus. Field site experience requires students to travel independently to elementary schools, preschools, and area community facilities to plan and carry through with activities while observing and recording development. The course offers training to persons interested in professions related to human development, psychology, medicine, education, and childcare.

This course is eligible for Tech Prep credit. See page 77 for details. Students enrolled in this course must provide their own transportation. **This course qualifies for a physical education waiver.**

What's next? Early Childhood Professions II

553051	Early Childhood Professions II	12	2
Prerequisite:	Early Childhood Professions I Annual Criminal Background Check		

Early Childhood Professions is a two-hour laboratory class designed to provide students the opportunity to do an in-depth study of the physical, social, emotional, and intellectual growth and development of children through four hours classroom study per week and six hours field site experience per week. Field sites include the Early Learning Center preschool located on campus and other field sites requiring students to travel independently to elementary schools and area community facilities. The course offers students training in fields related to human development, teaching, psychology, medicine, education and childcare with career exploration in these areas as students' interests and goals are reviewed. Child development theories are studied, evaluated, and related to care, teaching, and guidance of children. **This course is eligible for Tech Prep credit.** See page 77 for details. Students enrolled in this course must provide their own transportation. **This course qualifies for a physical education waiver.**

CAREER & TECHNICAL EDUCATION

Finance

Plano ISD Course No.	Subject	Grade	Credits
355001	Accounting I *	11 - 12	1

*Tech Prep college credit may be awarded for these courses by Collin County Community College. See page 77 for details.

355001	Accounting I	11 - 12	1
Prerequisite:	None		

Accounting will help students prepare for college as well as entry-level jobs. Students will apply basic accounting principles to "real world" situations through the use of computers and business simulations. Students are encouraged to take this course in grade 11 in order to progress to Advanced Accounting in grade 12. **This course is eligible for Tech Prep credit.** See page 77 for details.

Prerequisite:**Medical Science Careers**

The Patient Care Technician course is designed to develop knowledge of the aging process and the physical, psychosocial, and nutritional needs of the patient. Students will develop skills to provide quality assessment and care for the patient. Both classroom instruction and on-site training will be provided to assure the student's eligibility for the Texas Department of Health certified nurse aide certification. This will include 24 hours of training at local patient care facilities during out-of-school hours. Students enrolled in this course must provide their own transportation. **This course may not be offered on all campuses.**

CAREER & TECHNICAL EDUCATION
Hospitality & Tourism

Plano ISD Course No.	Subject	Grade	Credits
553201	Culinary Arts I* (Food Production Management and Services I)	11 - 12	2
553251	Culinary Arts II* (Food Production Management and Services II)	12	2

*Tech Prep college credit may be awarded for these courses by Collin County Community College. See page 77 for details.

553201	Culinary Arts I (Food Production Management and Services I)	11 - 12	2
Prerequisite:	None		

This course is a two-hour full-year laboratory class designed for students that have a special interest in food service employment and for those students planning to pursue advanced education in hotel and restaurant management. This course will orient students in the use of commercial kitchen equipment and the safety and sanitation factors involved in the food service industry. Classroom instruction and laboratory experiences will include basic skill development in quantity food preparation. Careers in the food service industry will also be explored during the year. **This course is eligible for Tech Prep credit.** See page 77 for details. **This course qualifies for a physical education waiver. This course may not be offered on all campuses.**

What's next? Culinary Arts II (Food Production Management and Services II)

553251	Culinary Arts II (Food Production Management and Services II)	12	2
Prerequisite:	Culinary Arts I (Food Production Management and Services I)		

This course is a two-hour full-year laboratory class designed for students who have completed Culinary Arts I. Advanced techniques in quantity food preparation will be practiced in the commercial laboratory classroom. Some field site experiences may be arranged requiring students to travel independently to food service operations. Emphasis will be on food service management as well as planning, preparing, and serving various meals for school and community groups. Students will gain first-hand knowledge through intern sites such as restaurants, supermarkets and hospitals. Students participating in field site experiences and internships must provide their own transportation. **This course is eligible for Tech Prep credit.** See page 77 for details. **This course qualifies for a physical education waiver. This course may not be offered on all campuses.**

CAREER & TECHNICAL EDUCATION
Human Services

Plano ISD Course No.	Subject	Grade	Credits
55220B	Apparel	10 - 12	.5
55000B	Career Studies	11 – 12	.5
553801	Family & Consumer Sciences Career Preparation I/Co-op	11 - 12	3
553851	Family & Consumer Sciences Career Preparation II/Co-op	12	3
55225B	Food Science & Technology (Advanced Food Science and Nutrition)	11 - 12	.5
55240B	Management (Independent Living)	11 - 12	.5
55210B	Nutrition and Food Science (Food Science and Nutrition)	10	.5
552001	Personal and Family Development 1 st Semester - Personal Family Life, Child Development, and Apparel 2 nd Semester - Food Science and Nutrition, Independent Living, and Housing	9 - 10	1
55215B	Preparation for Parenting (Parenting and Child Development)**	10	.5
55245B	Relationships (Individual and Family Life/Family Living)*	12	.5
55260B	Sports Nutrition	11 – 12	.5

*Tech Prep college credit may be awarded for these courses by Collin County Community College. See page 77 for details.

55220B	Apparel	10 - 12	.5
Prerequisite:	None		

This course emphasizes the role of clothing for individuals and society, the fashion industry, personal appearance, planning and budgeting for clothing for the individual and family, buying clothing, using sewing equipment, garment construction, clothing care and storage, clothing repair and renovation, clothing alteration, and relating clothing and textiles to career and job opportunities. A career connection experience completed outside the classroom is required of all students. **This course may not be offered on all campuses.**

What's next? Fashion Design

55000B	Career Studies	11 - 12	.5
Prerequisite:	None		

This course provides opportunities to explore factors influencing career choices and teaches employability skills that lead to career success. Content will address the diversity of specific career fields and will also focus on interpersonal skills, conflict resolution, negotiation, teamwork, leadership, and community service. Procedures involved in networking, resume writing, interviewing and pre-employment testing will also be addressed. Students will learn to assess potential employers based on opportunities for advancement, training, and benefits that will affect their future lifestyle. **This course is recommended for grades 11-12. This course may not be offered on all campuses.**

553801	Family & Consumer Sciences Career Preparation I/Co-op	11 - 12	3
Prerequisite:	16 years old		

This course is designed to familiarize the students with the world of work through classroom instruction and a minimum of fifteen hours per week of paid on-the-job training. Classroom learning experiences include the following: job acquisition, job management, money management, business communication, occupational safety and health, effective consumer practices, and career planning. Training will occur in family and consumer sciences related occupations such as childcare, clothing, food production, home furnishings, institutional home management, hotel management, fashion design, and geriatrics. Students enrolled in this course must provide their own transportation. **This course qualifies for a physical education waiver.**

What's next? Family & Consumer Sciences Career Preparation II/Co-op

553851	Family & Consumer Sciences Career Preparation II/Co-op	12	3
Prerequisite:	Family & Consumer Sciences Career Preparation I/Co-op		

This course is designed to introduce various new areas of study to the second year student as well as to review vital areas from FCSCPI. The course includes learning experiences in business management, job entry and exit skills, safety and health, economics, financial planning, consumer education and transitions to adulthood. Students will have daily classroom study and a minimum of 15 hours of paid on-the-job training during the week in various family and consumer sciences related occupations. Students enrolled in this course must provide their own transportation. **This course qualifies for a physical education waiver.**

55225B Food Science and Technology (Advanced Food Science and Nutrition) 11 - 12 . 5
Prerequisite: None

This course is a technical laboratory course designed to provide an in-depth study of the significance of nutrition in food science, including the knowledge and skills needed to study food science, processing, marketing, and technology involved in food/nutrition. The opportunities in food and nutrition occupational areas are explored as well as the concepts and skills related to managing the dual roles of homemaker and wage earner. **This course may not be offered on all campuses.**

What's Next: Culinary Arts

55240B Management (Independent Living) 11 - 12 . 5
Prerequisite: None

This independent living course explores the following areas: management of everyday living skills, selection of a career, selection of an apartment, home care, clothing selection and care, food and nutrition, and healthy living practices. This course will assist the student in identifying all available resources. Concepts and skills related to career options and in preparation for careers are also addressed. A career connection experience completed outside the classroom is required of all students.

55210B Nutrition and Food Science (Food Science and Nutrition) 10 . 5
Prerequisite: None

This interactive course encourages the students to utilize current nutrition information in meeting personal and family needs. It also provides guidance for planning and preparing meals and snacks, buying food, observing safety and sanitation standards, selecting and using equipment, using recipes, retaining nutritive value of food during preparation and service, understanding food processing and preservation, and relating food and nutrition to career and job opportunities. A career connection experience completed outside the classroom is required of all students. **This course may not be offered on all campuses.**

What's next? Any Family and Consumer Sciences elective

552001 Personal and Family Development 9 - 10 1
Prerequisite: None

1st Semester – Personal & Family Life, Child Development, and Apparel

In this full-year course, students will explore ways to help prepare to live on their own. The first semester will focus on self-awareness, goal-setting, decision-making, exploring personal and family relationships, positive communication skills and how to relate to family life and the world of work. Students will also study basic child development with emphasis on the care and guidance of young children. Basic consumer skills relating to clothing, fashion, maintenance of clothing, and purchases will also be included.

2nd Semester – Housing, Food Science and Nutrition, Independent Living

In the second semester, students will focus on good nutrition and the relationship between wellness and eating habits. Basic survival, meal planning, food sanitation, and preparation techniques will also be covered. Learning to be a wise consumer, preparing for independent living, money management, and making wise housing choices are also a part of this curriculum. The student will select and complete an outside learning experience in addition to class assignments. **This course may not be offered on all campuses.**

What's next? Any Family and Consumer Sciences elective

55215B Preparation for Parenting (Parenting and Child Development) 10 . 5
Prerequisite: None

This course is directed toward concerns of the family and the resolutions of those concerns. The student may apply this study of families to his/her present and future family life. The content emphasizes special needs of the family and/or situations such as single parenting, step-parenting, children in crises, and abusive parenting behaviors. The student will acquire background knowledge regarding the responsibilities involved in parenting and knowledge for effective parenting. The development of the child is included and career choices and their impact on the family are addressed. A career connection experience completed outside the classroom is required of all students. **This course may not be offered on all campuses.**

What's next? Early Childhood Professions I

55245B Relationships (Individual and Family Life, Family Living) 12 . 5
Prerequisite: None

This course targets individual and family development. Present relationships and the value of a positive self-concept are emphasized. The classroom experience is directed toward helping the students deal effectively with friendships, dating, remaining single, marriage, and parenting. Emphasis is on life skills such as listening, assertiveness, and dealing with stress. The student is encouraged to apply these learned skills to daily living in order to maintain a successful personal and family life. Class discussion is an integral part of the class. The following relationship areas are explored: self, friends, and family. A career connection experience completed outside the classroom is required of all students. **This course is eligible for Tech Prep credit. See page 77 for details.**

55260B Sports Nutrition 11 - 12 . 5
Prerequisite: None

This course will promote the role that nutrition plays in both professional and recreational sports. Students will investigate the relationship between food and physical, emotional, and mental health. Focus will be placed on individual assessment and each student's individual needs. Course content will include leader nutrients, body composition, components of fitness, nutritional ergogenics, supplements, nutritional fallacies, and developing a nutritional plan which meets the needs of the individual.

CAREER & TECHNICAL EDUCATION
Information Technology

Plano ISD Course No.	Subject	Grade	Credits
352001	Business Computer Information Systems I***	9 - 12	1
354001	Business Computer Information Systems II	11 - 12	1
556401	Computer Applications	9 - 10	1
401001	Computer Science 1	11 - 12	1
401051	Computer Science 1 AP	11 - 12	1
401061	Computer Science 1 IB SL	11 - 12	1
402001	Computer Science 2	11 - 12	1
402051	Computer Science 2 AP	11 - 12	1
402061	Computer Science 2 IB HL	11 - 12	1
556601	Cisco CCNA I & II* (Internetworking Technologies I & II)	11 - 12	1
556651	Cisco CCNA III & IV* (Internetworking Technologies III & IV)	11 - 12	1
35300B	Keyboarding*	9 - 12	.5

*Tech Prep college credit may be awarded for these courses by Collin County Community College. See page 77 for details.

*** These courses also meet the one-year technology requirement for graduation. Tech Prep college credit may be awarded for these courses by Collin County Community College. See page 77 for details.

352001	Business Computer Information Systems I	9 - 12	1
Prerequisite:	Proficiency in keyboarding and computer file management		

Business Computer Information Systems I (BCIS I) is a full-year class that gives students a working knowledge of technology and prepares them to be proficient in business applications using advanced computer software. This program uses individualized and group instruction to assist students in gaining business skills. Integrated office software allows students the opportunity to develop word processing, spreadsheet, presentation and database skills. BCIS I places an emphasis on advanced word processing skills including document formatting, desktop publishing, integration of software, and multimedia presentations. **This course satisfies the state technology credit required for graduation. This course is eligible for Tech Prep credit.** See page 77 for details.

354001	Business Computer Information Systems II	11 - 12	1
Prerequisite:	Business Computer Information Systems I		

Business Computer Information Systems II is a full-year, one-hour class that extends the knowledge received in BCIS I and incorporates more advanced features and project-driven simulations. This course places an emphasis on advanced word processing skills including document formatting, Internet exploration and research, and multimedia presentations. Upon satisfactory completion of this course, the students will be qualified to achieve gainful employment and compete successfully in the business world. **This course satisfies the state technology credit required for graduation. This course may not be offered on all campuses.**

556401	Computer Applications	9 - 10	1
Prerequisite:	None		

Computer Applications is a broad based activity course designed to permit students to investigate the uses of computers in the communications, transportation, production and energy fields. Student activities will include work in hydraulics, robotics, computerized drafting, design and bridge building, operation of Computer-Numerical Controlled machines, and many other areas. Equipment used will include the following: microcomputers, CAD software, database, and spreadsheet software, pick and place robotics, wind tunnels and many others. **This course satisfies the state technology credit required for graduation. This course may not be offered on all campuses.**

401001	Computer Science 1	11 - 12	1
Prerequisite:	Algebra I and Geometry or Algebra II		

This course serves as an introduction to computers and the study of managing and processing information. The emphasis is on solving real world problems by means of computer programming (software engineering). Students will learn the Java programming language and apply those skills in exploring how computers work. Some topics covered include object-oriented design techniques, file management, data structures, graphics, debugging, hardware components, and social implications. Upon completion of the course the student will have created software such as a simple database or an animated graphics display.

What's next? Computer Science 2

401051	Computer Science 1 – AP	11 - 12	1
401061	Computer Science 1 – IB SL		
Prerequisite:	Algebra II		

This course serves as an introduction to computers and the study of managing and processing information. The emphasis is on solving real world problems by means of computer programming (software engineering). Students will learn thoroughly the Java programming language and apply those skills in exploring how computers work. Some topics covered include object-oriented techniques, file management, data structures, classes, objects, graphics, debugging, hardware components, and social implications. The course includes an in depth treatment of the AP Simulation Case Study. Students will have the option of taking the AP exam for which many colleges will grant up to 3 hours of college credit. The IB course contains additional topics to prepare students for the IB SL exam. This course may be taken to fulfill the 4th year of mathematics requirement for graduation.

What's next? Computer Science 2 or Computer Science 2 honors

402001	Computer Science 2	11 - 12	1
Prerequisite:	Computer Science 1		

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.

402051	Computer Science 2 – AP	12	1
402061	Computer Science 2 – IB HL		
Prerequisite:	Algebra II, Computer Science I, and teacher approval		

This course has four main goals: develop advanced software engineering skills in the Java programming language; teach advanced data structures such as linked lists, trees, classes, and data files; expose students to the development and analysis of classic computer algorithms such as sorting, searching, recursion, and numerical analysis; recognize the ethical and social implications of computer use. This course represents college level achievement in computer science for which most colleges will grant up to six hours of credit. Students will develop major software projects over topics such as databases, sorting, business applications, and graphics. This course prepares the student to take the Advanced Placement exam. The IB course contains additional topics to prepare students for the IB HL exam. This course may be taken to fulfill the 4th year of mathematics requirement for graduation.

556601	Cisco CCNA I & II (Internetworking Technologies I & II)	11 – 12	1
Prerequisite:	Computer Applications or Algebra I		

This course teaches networking through the PISD Cisco Networking Academy Program. This program is a comprehensive e-learning program, which provides students with the Internet technology skills essential in a global economy. The program delivers Web-based content, online assessment, student performance tracking, hands-on labs, instructor training and support, and preparation for industry standard certifications. Topics include LANs, the OSI model, addressing, and routing. Students who successfully complete the first two semesters of the program are eligible to earn Cisco Certified Entry Network Technician (CCENT) certification. Students who successfully complete two years (four semesters) of the program are eligible to earn Cisco Certified Network Associate (CCNA™) certification. Students may continue this training at any Cisco Academy. **This course is eligible for Tech Prep credit.** See page 77 for details. **This course WILL NOT fulfill the Technology Applications requirement for graduation. This course may not be offered on all campuses.**

556651	Cisco CCNA III & IV (Internetworking Technologies III & IV)	11 – 12	1
Prerequisite:	Cisco CCNA I & II		

This course teaches networking through the PISD Cisco Networking Academy Program. This program is a comprehensive e-learning program, which provides students with the Internet technology skills essential in a global economy. The program delivers Web-based content, online assessment, student performance tracking, hands-on-labs, instructor training and support, and preparation for industry standard certifications. Topics include WANs, routers, TCP/IP addressing, routing protocols, and network troubleshooting. Students who successfully complete two years (four semesters) of the program are eligible to earn Cisco Certified Network Associate (CCNA™) certification. **This course is eligible for Tech Prep credit.** See page 77 for details. **This course WILL NOT fulfill the Technology Applications requirement for graduation. This course may not be offered on all campuses.**

35300B	Keyboarding	9 - 12	.5
Prerequisite:	None		

This one-semester course is designed for all students to develop and apply hands-on keyboarding skills, which are important, both personally and in the workplace. Keyboarding prepares students to operate the keyboard by touch and to develop both speed and accuracy. The student will be able to format tables, letters, and MLA reports and develop critical file management techniques. **This course is eligible for Tech Prep credit.** See page 77 for details. **It is highly recommended that a student enroll in Keyboarding to develop the skills needed for BCIS, Web Mastering, Multimedia and Desktop Publishing. THIS COURSE DOES NOT FULFILL THE COMPUTER TECHNOLOGY APPLICATIONS REQUIREMENT FOR GRADUATION.**

CAREER & TECHNICAL EDUCATION
Law, Public Safety, Corrections & Security

Plano ISD Course No.	Subject	Grade	Credits
55540B	Criminal Investigations	11 – 12	.5
55530B	Criminal Justice Careers – Crime in America*	11 – 12	.5
55520B	Criminal Justice – Introduction to Criminal Justice*	11 – 12	.5

*Tech Prep college credit may be awarded for these courses by Collin County Community College. See page 77 for details.

55540B	Criminal Investigations	11 - 12	.5
Prerequisite:	None		

This course introduces students to the basic fundamentals of criminal investigation with practical (hands-on) exercises from actual criminal investigations to apply techniques learned. Instruction will include, but not be limited to, collection of physical evidence; identification of witnesses, victims, and suspects; arrest procedures, surveillance and search techniques; criminal elements and investigation techniques of Part I criminal offenses; case management; and court preparation and presentation. **This course may not be offered on all campuses.**

55530B	Criminal Justice Careers – Crime in America	11 - 12	.5
Prerequisite:	None		

This course is a survey of the nature, extent, location and impact of crime in America. The course will include the historical foundation of crime, theoretical explanations of criminality and delinquency throughout history, the recording and measurement of crime, descriptions of criminal careers, and an analysis of public policies and social defenses concerning crime. **This course is eligible for Tech Prep credit.** See page 77 for details. **This course may not be offered on all campuses.**

55520B	Criminal Justice – Introduction to Criminal Justice	11 - 12	.5
Prerequisite:	None		

This course is an overview and analysis of the major agencies, personnel, and decision-making points, which comprise the criminal justice system. Students will analyze surveys of problems and issues confronting the legislatures, police, courts, corrections, and the community as they respond to crime in a democratic society. Legal precedents guiding the actions of the criminal justice agents will also be studied. **This course is eligible for Tech Prep credit.** See page 77 for details. **This course may not be offered on all campuses.**

CAREER & TECHNICAL EDUCATION
Marketing, Sales & Services

Plano ISD Course No.	Subject	Grade	Credits
55500B	Entrepreneurship	11 - 12	.5
55270B	Fashion Marketing	11 – 12	.5
555801	Marketing Dynamics (Co-op)*	11 - 12	3
555851	Marketing Management (Co-op)	12	3
55515B	Sports and Entertainment Marketing	11 - 12	.5

*Tech Prep college credit may be awarded for these courses by Collin County Community College. See page 77 for details.

55500B	Entrepreneurship	11 - 12	.5
Prerequisite:	None		

Do you have the right stuff to be a successful business owner? In Entrepreneurship, you will learn to enjoy your work, be your own boss, and make more money when you learn what it takes to plan, design, and start a profitable business venture. This course provides an overview of the process involved in starting a business and resources available to help business owners in their venture. **This course may not be offered on all campuses.**

What's next? Any Marketing Education course

55270B	Fashion Marketing	11 – 12	.5
Prerequisite:	None		

This course is designed to introduce students to the fashion industry. Focusing on current fashion trends, students will acquire an understanding of fashion terminology, the consumers of fashion, and the specific marketing strategies used to retail fashion in the new millennium. Guest speakers will be invited to provide students with "real world" perspectives and experiences and field will enhance the classroom experience.

555801	Marketing Dynamics (Co-op)	11 - 12	3
Prerequisite:	16 years old		

The course offers the student one hour of classroom instruction per day. Approximately one-half of the time is spent on individualized instruction during which the student works on lessons that apply to his/her own specific career objective or place of employment. The Marketing Dynamics course combines classroom instruction with supervised on-the-job training in a marketing occupation. Instruction emphasizes essential topics such as: marketing principles and practices, distribution process and systems, selling, human relations, communications, free enterprise, business policies, forms and records, and marketing mathematics. Students enrolled in this course must provide their own transportation. **This course is eligible for Tech Prep credit.** See page 77 for details. **This course qualifies for a physical education waiver.**

What's next? Marketing Management (Co-op)

555851	Marketing Management (Co-op)	12	3
Prerequisite:	Marketing Dynamics		

This course is a continuation in the study of Marketing Dynamics. The advanced cooperative program allows students to further develop necessary marketing competencies. Students continue with a combination of classroom instruction and on-the-job training. Instruction focuses on accelerated marketing topics such as: marketing function, entrepreneurship, free enterprise system, selling, merchandising, buying, promotion, business environment, and law and ethics. Students enrolled in this course must provide their own transportation. **This course qualifies for a physical education waiver.**

55515B	Sports and Entertainment Marketing	11 - 12	.5
Prerequisite:	None		

This course focuses on the functions of marketing, their relationships, and the marketing process for goods, services, and ideas. Students may apply these concepts and principles in marketing and non-marketing careers. Students will use a computerized simulation to practice the marketing principles learned in class.

What's next? Any Marketing Education course

CAREER & TECHNICAL EDUCATION
Science, Technology, Engineering & Mathematics

Plano ISD Course No.	Subject	Grade	Credits
557501	Engineering Computer-Aided Drafting I*	11 - 12	2
557551	Engineering Computer-Aided Drafting II*	12	2
556851	Technical Introduction to Computer-Aided Drafting*	11 – 12	1

*Tech Prep college credit may be awarded for these courses by Collin County Community College. See page 77 for details.

557501	Engineering Computer-Aided Drafting I	11 - 12	2
Prerequisite:	None		

This is the first year of a two-year course, which consists of two hours of technical instruction and drafting practice each day. The study includes technical vocabulary, introduction to computer aid drafting (CAD), orthographic projection, auxiliary views, dimensioning, sectional views, axonometric, the various career opportunities available, electronic drafting, working drawing, and introduction to architectural concepts. Leadership, ethics, and the spirit of competition are taught through the Skills USA student organization. **This course is eligible for Tech Prep credit.** See page 77 for details. **This course qualifies for a physical education waiver. This course may not be offered on all campuses.**

What's next? Engineering Computer-Aided Drafting II

557551	Engineering Computer-Aided Drafting II	12	2
Prerequisite:	Engineering Computer-Aided Drafting I		

This course is a continuation of Drafting I. The study includes architectural concepts, lettering, site conditions, residential designs, structural systems, civil drafting, H.V.A.C. systems, dimensioning, foundations, entrepreneurship, college investigation and computer aided drafting concepts. Structural, electronic, civil drafting, 3D, and solid modeling are studied. This course includes an optional internship in which students practice their drafting skills with professionals in the business community. Leadership, ethics, and the spirit of competition are taught through the Skills USA student organization drafting competition. Students participating in optional internships must provide their own transportation. **This course is eligible for Tech Prep credit.** See page 77 for details. **This course qualifies for a physical education waiver. This course may not be offered on all campuses.**

556851	Technical Introduction to Computer-Aided Drafting	11 – 12	1
Prerequisite:	None		

This is a one-hour introductory course that consists of technical instruction and drafting practice. The study includes technical vocabulary, introduction to computer-aided drafting (CAD), orthographic projection, auxiliary views, dimensioning, sectional views, axonometric projection, electronic drafting, working drawings and introduction to architectural concepts. Career opportunities in drafting are also explored. **This course is eligible for Tech Prep credit.** See page 77 for details. **This course may not be offered on all campuses.**

What next? Engineering Computer-Aided Drafting I

CAREER & TECHNICAL EDUCATION
Transportation, Distribution & Logistics

Plano ISD Course No.	Subject	Grade	Credits
557101	Automotive Collision Repair & Refinishing Technology I	11 – 12	2
557151	Automotive Collision Repair & Refinishing Technology II	12	2
557701	Automotive Technician Basics	11 – 12	1
557201	Automotive Technology I	11 – 12	2
557251	Automotive Technology II	12	2

557101 **Automotive Collision Repair & Refinishing Technology I** **11 – 12** **2**
Prerequisite: **Application is required**

This is the first year of a two-year course. Students meet two hours daily for classroom and laboratory instruction. The students receive training in the fundamental and manipulative skills related to auto body repair and acquire the knowledge to become competent in the field of auto body repair. Areas covered are body frames, fender and bumper, removing windows and repairing damaged panels, replacing windows and windshields, welding light metals, filling with lead or plastic, estimating and pricing repair work, and spray painting. Students participating in optional internships must provide their own transportation. **This course qualifies for a physical education waiver. This course may not be offered on all campuses.**

What's next? Automotive Collision Repair & Refinishing Technology II

557151 **Automotive Collision Repair & Refinishing Technology II** **12** **2**
Prerequisite: **Automotive Collision Repair & Refinishing Technology I**
Application is required

This course is a continuation of Automotive Collision Repair and Refinishing Technology I. Students participating in optional internships must provide their own transportation. **This course qualifies for a physical education waiver. This course may not be offered on all campuses.**

557701 **Automotive Technician Basics** **11 – 12** **1**
Prerequisite: **None**

This course is designed to provide a broad basic understanding of automotive technology. Course curriculum will include service and repair of basic automotive components. Students will develop skills needed for entry-level jobs in the automotive industry. **This course may not be offered on all campuses.**

What's next: **Automotive Technology I**

557201 **Automotive Technology I** **11** **2**
Prerequisite: **Application is required**

This is the first year of a two-year course. Students meet two hours daily for classroom and laboratory instruction. The course offers students theory and experience in most all phases of automotive drive-train repair, including diesel. Students spend approximately 75 percent of their time with hands-on training and the remaining time is devoted to classroom instruction. Shop management and youth leadership are also incorporated into the course of study. Students participating in optional internships must provide their own transportation. **This course qualifies for a physical education waiver. This course may not be offered on all campuses.**

What's next? Automotive Technology II

557251 **Automotive Technology II** **12** **2**
Prerequisite: **Automotive Technology I**
Application is required

This course is a continuation of Automotive Technology I but also includes new concepts and innovations, new engine types, studies of anti-pollutant equipment on automobile engines, computerized engine analysis, and in-depth training on the automobile diesel engine. Students participating in optional internships must provide their own transportation. **This course qualifies for a physical education waiver. This course may not be offered on all campuses.**

INDEX BY COURSE NAME

ATHLETICS.....	22
CHEERLEADING/DRILL TEAM.....	23
ENGLISH/LANGUAGE ARTS.....	24
ESOL (ENGLISH AS A SECOND LANGUAGE).....	24
FINE ARTS.....	28
ART EDUCATION.....	28
MUSIC EDUCATION.....	30
THEATER/DANCE EDUCATION.....	40
GIFTED EDUCATION (PACE/HUMANITIES).....	43
HEALTH AND PHYSICAL EDUCATION.....	44
INTERNATIONAL BACCALAUREATE.....	46
JOURNALISM.....	52
JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC).....	53
LANGUAGES OTHER THAN ENGLISH.....	55
MATHEMATICS.....	60
MISCELLANEOUS COURSES.....	63
SCIENCE.....	65
SOCIAL STUDIES.....	70
SPEECH.....	74
CAREER & TECHNICAL EDUCATION.....	76
AGRICULTURE, FOOD & NATURAL RESOURCES.....	78
ARCHITECTURE & CONSTRUCTION.....	80
ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATIONS.....	81
BUSINESS, MANAGEMENT & ADMINISTRATION.....	83
EDUCATION AND TRAINING.....	84
FINANCE.....	85
HEALTH SCIENCE.....	86
HOSPITALITY & TOURISM.....	88
HUMAN SERVICES.....	89
INFORMATION TECHNOLOGY.....	91
LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY.....	93
MARKETING, SALES & SERVICES.....	94
SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS.....	95
TRANSPORTATION, DISTRIBUTION & LOGISTICS.....	96

Course Titles/Names	Location by Subject Area Category
Academic Decathlon (LOCAL CREDIT, NO GPA)	Miscellaneous Courses
Accounting	CTE: Finance
Adventure/Outdoor Education	Health and Physical Education
Advertising Design	CTE: Arts, Audio Visual Technology, and Communications
Aerobic Activities	Health and Physical Education
Algebra	Mathematics
American Sign Language	Languages Other Than English
Anatomy and Physiology of Human Systems	Science and CTE: Health Science
Animal Science	CTE: Agriculture, Food, and Natural Resources
Apparel	CTE: Human Services
Art	Fine Arts-Art Education
Automotive Collision Repair & Refinishing Technology	CTE: Transportation, Distribution, and Logistics
Automotive Technician Basics	CTE: Transportation, Distribution, and Logistics
Automotive Technology	CTE: Transportation, Distribution, and Logistics
AVID	Miscellaneous Courses
Band	Fine Arts-Music
Baseball	Athletics
Basketball	Athletics
Biology	Science
Business Computer Information Systems	CTE: Information Technology
Business Connections (Introduction to Business)	CTE: Business Management and Administration
Business Education Career Preparation (Coop)	CTE: Business Management and Administration

<u>Course Titles/Names</u>	<u>Location by Subject Area Category</u>
Business Law	CTE: Business Management and Administration
Calculus	Mathematics
Canine Science	CTE: Agriculture, Food, and Natural Resources
Career Studies	CTE: Human Services
Cheerleading	Cheerleading/Drill Team
Chemistry	Science
Child Development (Advanced Child Development)	CTE: Education and Training
Chinese	Languages Other Than English
Choir	Fine Arts-Music
Cisco CCNA I & II (Internetworking Technologies)	CTE: Information Technology
Clinical Rotation	CTE: Health Science
Communication Applications	Speech
Computer Applications	CTE: Information Technology
Computer Science	CTE: Information Technology
Contemporary World Issues	Social Studies
Creative Writing	English/Language Arts
Criminal Investigations	CTE: Law, Public Safety, and Security
Criminal Justice – Crime in America	CTE: Law, Public Safety, and Security
Criminal Justice – Introduction to Criminal Justice	CTE: Law, Public Safety, and Security
Cross Country	Athletics
Culinary Arts (Food Production Management and Services)	CTE: Hospitality and Tourism
Dance	Fine Arts-Theater/Dance
Debate	Speech
Desktop Publishing	CTE: Arts, Audio Visual Technology, and Communications
Diving	Athletics
Drill Team	Cheerleading/Drill Team
Early Childhood Professions	CTE: Education and Training
Economics	Social Studies
Engineering Computer-Aided Drafting	CTE: Science, Technology, Engineering, and Mathematics
English I	English/Language Arts
English SOL	ESOL (English as a Second Language)
Entrepreneurship	CTE: Marketing Sales and Services
Environmental Systems	Science
Equine Science	CTE: Agriculture, Food, and Natural Resources
ESL	ESOL (English as a Second Language)
European History-AP	Social Studies
Exploring Aquaculture Science	CTE: Agriculture, Food, and Natural Resources
Family & Consumer Sciences Career Preparation /Co-op	CTE: Human Services
Fashion Design I(Textile and Apparel Production, Management, and Services)	CTE: Arts, Audio Visual Technology, and Communications
Fashion Marketing	CTE Marketing, Sales and Services
Floral Design and Interior Landscape Development	CTE: Agriculture, Food, and Natural Resources
Food Science & Technology (Advanced Food Science and Nutrition)	CTE: Human Services
Football	Athletics
Foundations of Personal Fitness	Health and Physical Education
French	Languages Other Than English
Geology, Meteorology, and Oceanography	Science
Geometry	Mathematics
German	Languages Other Than English
Golf (Co Ed)	Athletics
Government - Comparative - AP	Social Studies

<u>Course Titles/Names</u>	<u>Location by Subject Area Category</u>
Health I	Health and Physical Education
Home Maintenance & Improvement	CTE: Architecture and Construction
Human Geography	Social Studies
Independent Study/Journalism	Journalism
Independent Study/Speech H	Speech
Individual Sports	Health and Physical Education
Integrated Physics and Chemistry	Science
Interior Design	CTE: Architecture and Construction
International Baccalaureate Courses	International Baccalaureate
International Business	CTE: Business Management and Administration
Introduction to Advertising	CTE: Arts, Audio Visual Technology, and Communications
Introduction to Horticulture Science	CTE: Agriculture, Food, and Natural Resources
Introduction to Medical Science Careers	CTE: Health Science
Introduction to Radio and Television	Speech
Introduction to Veterinary Technician	CTE: Agriculture, Food, and Natural Resources
Journalism	Journalism
JROTC	Junior Reserve Officer Training Corps (JROTC)
Keyboarding	CTE: Information Technology
Landscape Design, Construction and Maintenance	CTE: Agriculture, Food, and Natural Resources
Latin	Languages Other Than English
Library Aide* (LOCAL CREDIT, NO STATE CREDIT)	Miscellaneous Courses
Management (Independent Living)	CTE: Human Services
Mapping for Academic and Personal Success {MAPS}	Miscellaneous Courses
Marketing Dynamics (Co-op)	CTE: Marketing Sales and Services
Marketing Management (Co-op)	CTE: Marketing Sales and Services
Math Independent Study	Mathematics
Mathematical Models with Applications	Mathematics
Medical Science Careers	CTE: Health Science
Multimedia	CTE: Arts, Audio Visual Technology, and Communications
Music History and Literature	Fine Arts-Music
Music Theory	Fine Arts-Music
Newspaper Production	Journalism
Nutrition and Food Science (Food Science and Nutrition)	CTE: Human Services
Office Aide* (LOCAL CREDIT, NO STATE CREDIT)	Miscellaneous Courses
Oral Interpretation	Speech
Orchestra	Fine Arts-Music
PAL - Peer Assistance and Leadership	Miscellaneous Courses
Patient Care Technician with Texas CNA Certification	CTE: Health Science
Partners Physical Education	Health and Physical Education
Performance Standards Project for the Gifted	Gifted Education
Personal and Family Development	CTE: Human Services
Personal Skill Development in Agriculture	CTE: Agriculture, Food, and Natural Resources
Physics	Science
Plant and Animal Production	CTE: Agriculture, Food, and Natural Resources
Pre-Calculus	Mathematics
Preparation for Parenting (Parenting and Child Development)	CTE: Human Services
Psychology	Social Studies
Reading	English/Language Arts
Relationships (Individual and Family Life/Family Living)	CTE: Human Services

<u>Course Titles/Names</u>	<u>Location by Subject Area Category</u>
Scientific Research and Design - H	Science
Soccer	Athletics
Sociology	Social Studies
Softball	Athletics
Spanish	Languages Other Than English
Speech	Speech
Sports and Entertainment Marketing	CTE: Marketing Sales and Services
Sports Nutrition	CTE: Human Services
Statistics AP	Mathematics
STEP Course	Health and Physical Education
Student Senate (Government & Leadership)	Miscellaneous Courses
Swimming	Athletics
Team Sports	Health and Physical Education
Technical Introduction to Computer-Aided Drafting	CTE: Science, Technology, Engineering, and Mathematics
Technical Theater	Fine Arts-Theater/Dance
Technical Writing: Research Study Skills	English/Language Arts
Tennis	Athletics
Theater Arts	Fine Arts-Theater/Dance
Theater Production	Fine Arts-Theater/Dance
Theory of Knowledge	International Baccalaureate/Social Studies
Track	Athletics
United States Government	Social Studies
United States History	Social Studies
Veterinary Medical Assistant	CTE: Agriculture, Food, and Natural Resources
Video Technology	CTE: Arts, Audio Visual Technology, and Communications
Volleyball	Athletics
Web Mastering	CTE: Arts, Audio Visual Technology, and Communications
Weight Training	Health and Physical Education
Wildlife and Recreation Management	CTE: Agriculture, Food, and Natural Resources
World Area Studies IB	International Baccalaureate/Social Studies
World Geography Studies	Social Studies
World History Studies	Social Studies
World of Ideas	English/Language Arts
Wrestling	Athletics
Yearbook	Journalism