



Leadership Prep Academic Guide & Course Catalog 2024-2025

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Foundation High School Program with Endorsement - 26 credits

All students begin 9th grade on FHSP with an endorsement.

FHSP+ENDORSEMENT with DISTINGUISHED LEVEL OF ACHIEVEMENT <i>(Default graduation plan for all LPS students)</i>
OUR LEADERSHIP PROGRAM
60 career shadowing, internship, or CTE Practicum hours required Senior Capstone Project 48 Community Service Hours
4 English Credits: • English I • English II • English III or equivalent • English IV or equivalent
4 Math Credits: • Algebra I • Geometry • Algebra II (Required for Distinguished Level) • 4th Math
4 Science Credits: • Biology • Chemistry • Two additional science credits
4 Social Studies Credits • World Geography • World History • US History • Economics/Government
2 Language Other Than English
1 Fine Art
1 Physical Education
6 Other Elective Credits
Total: 26 Academic Credits

Graduation Requirements for Career Readiness

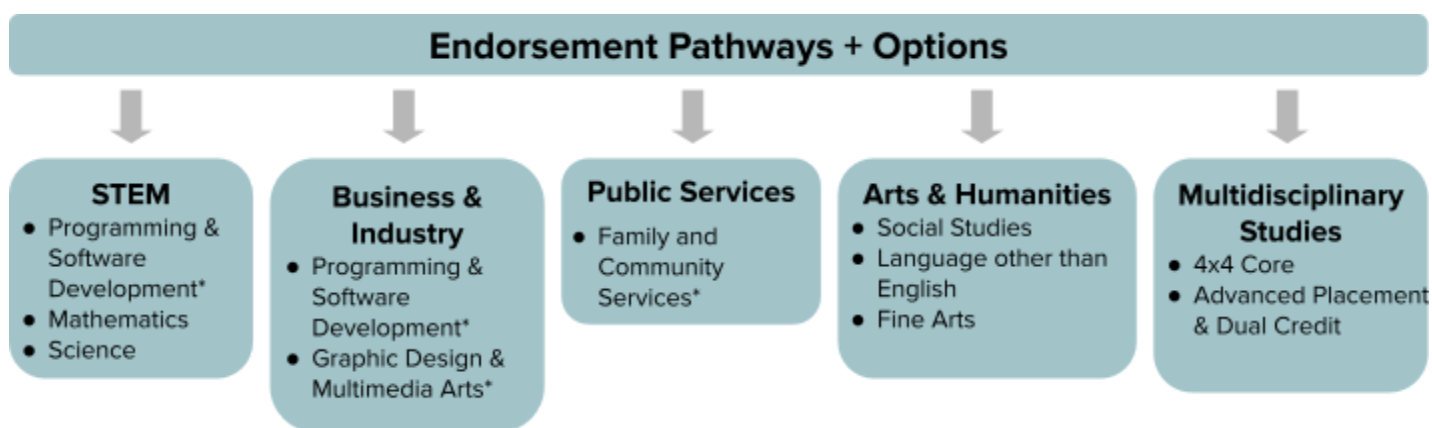
Beginning with the graduating class of 2025, in addition to the credit requirements of the Foundation High School Program, Leadership Prep School students must complete the following to receive a high school diploma:

1. 60 Accumulated Hours of Career Shadowing and/or Internship Hours. After their 9th grade year, students may apply for the internship program. In 11th and 12th grade, eligible students may use their Career and Technical Education (CTE) Practicum hours to satisfy this requirement.
 - 8th grade year - 8 career shadowing hours required
 - 9th grade year - 10 career shadowing hours required
 - 10th grade year - 12 career shadowing or internship hours required
 - 11th grade year - 15 career shadowing, internship, or CTE Practicum hours required
 - 12th grade year - 15 career shadowing, internship, or CTE Practicum hours required
2. A Senior Capstone Project must be completed during each student's 12th grade year. This will include a senior portfolio and oral presentation.

Transfer students shall complete the requirements for the grade level they begin at LPS and each grade level thereafter.

ACADEMIC ENDORSEMENTS

*Endorsement option completes a Career & Technical Education Program of Study



Foundation High School Program (FHSP) (22 credits)

This option is the minimum graduation program available.

A student may elect to graduate without an endorsement under the high school foundation program with school administrator approval after the student's sophomore year. Changing to this graduation program will require parent and administrative approval in writing. The student and the student's parent or guardian need to be advised by the school administration of the benefits of graduation with one or more endorsements and that graduating with this program may not meet college or university entrance requirements.

STEM (Science, Technology, Engineering, and Mathematics) Endorsement					
How can I earn a STEM endorsement at LPS? - Algebra II, Chemistry, and Physics are required to earn the STEM program of study - Complete one of the programs of study listed below:					
Program of Study	Middle School	9th	10th	11th	12th
<u>Programming & Software Development (CTE)</u>	Fundamentals of Computer Science (Optional)	AP Computer Science Principles	Computer Science I OR AP Computer Science A	2 of the following courses: • Mobile Application Development • Computer Science II • Introduction to C# Programming Applications	
Mathematics	Advanced Algebra I	Advanced Geometry	Advanced Algebra II	4th Advanced Math Credit*	5th Advanced Math Credit*
Science		Biology OR Advanced Biology	Chemistry OR Advanced Chemistry	Physics AND 4th Science Credit	5th Science Credit
*Algebra II must be a prerequisite					

Business & Industry Endorsement
How can I earn a Business & Industry endorsement at LPS?

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Courses are subject to change depending upon student demand and staffing.

Complete a coherent sequence of courses for four or more credits that consist of at least two courses in the same career cluster and at least one advanced CTE course.

Program of Study	Middle School	9th	10th	11th	12th
<u>Programming & Software Development (CTE)</u>	Fundamentals of Computer Science (Optional)	AP Computer Science Principles	Computer Science I OR AP Computer Science A	2 of the following courses: • Mobile Application Development • Computer Science II • Introduction to C# Programming Applications	
<u>Graphic Design & Multimedia Arts (CTE)</u>	Principles of Arts, A/V Technology, and Communications (Optional)	Digital Arts and Animation (counts as Fine Art)	Video Game Design OR 3-D Modeling and Animation	Practicum in Entrepreneurship	(None if all credits are complete)

Public Services Endorsement

How can I earn a Public Services endorsement at LPS?

Complete a coherent sequence of courses for four or more credits that consists of at least two courses in the same career cluster and at least one advanced CTE course.

Program of Study	7th	8th	9th	10th	11th
<u>Family and Community Services (CTE)</u>	Principles of Human Services	Principles of Community Services	Interpersonal Studies/Professional Communications	Family and Community Services	Practicum in Entrepreneurship

Courses listed here are the required electives for each grade level at LPS. Students who complete the courses from grades 7th-10th and/or 9th-11th will earn this endorsement.

Arts & Humanities Endorsement

How can I earn an Arts & Humanities endorsement at LPS?

Complete a coherent sequence of courses for four or more credits in either social studies, LOTE, or Fine Arts

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Courses are subject to change depending upon student demand and staffing.

Sequence of Study	9th	10th	11th	12th
Social Studies Students must earn a total of 5 total credits in social studies	World Geography OR Advanced World Geography	World History OR AP World History	US History OR AP US History OR Dual Credit US History	Government/Econ OR Dual Credit Government/Econ
			A 5th social studies credit can be earned by taking Dual Credit Psychology (0.5) and Dual Credit Sociology (0.5)	
Fine Arts	Band I Art I Theatre I	Band II Art II Theatre II	Band III Art III Theatre III	Band IV Art IV Theatre IV
Language Other Than English 2x2 (Two years of a Two Different Language Program of Study)	Two Levels in two of the following Languages (for a total of 4 credits): • Spanish • Computer Science • American Sign Language			

Multidisciplinary Endorsement		
Option 1: Four by Four (4x4) Core Combination	Option 2: Career/Workforce Ready	Option 3: AP, Dual Credit Combination
4 credits in each foundation subject area (English, math, science, social studies) including English IV and chemistry and/or physics	4 advanced courses from other endorsement areas	4 credits in Advanced Placement (AP) or dual credit selected from English, math, science, social studies, economics, LOTE, or fine arts

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Courses are subject to change depending upon student demand and staffing.

GRADING

Grade points are assigned to each semester grade as follows. Any semester grade below 70 is averaged into a student's GPA with "0" grade points. Students transferring from another school will use the LPS GPA scale.

GPA Table Class of 2025 and 2026

Grade	MODIFIED - 1	ON LEVEL - 2	Advanced/Dual Credit - 3	Advanced Placement - 4
100	4	5	5.5	6
99	4	4.9	5.4	5.9
98	4	4.8	5.3	5.8
97	4	4.7	5.2	5.7
96	3.8	4.6	5.1	5.6
95	3.8	4.5	5	5.5
94	3.8	4.4	4.9	5.4
93	3.6	4.3	4.8	5.3
92	3.6	4.2	4.7	5.2
91	3.6	4.1	4.6	5.1
90	3.6	4	4.5	5
89	3.4	3.9	4.4	4.9
88	3.4	3.8	4.3	4.8
87	3.4	3.7	4.2	4.7
86	3.2	3.6	4.1	4.6
85	3.2	3.5	4	4.5
84	3.2	3.4	3.9	4.4
83	3	3.3	3.8	4.3
82	3	3.2	3.7	4.2
81	3	3.1	3.6	4.1
80	3	3	3.5	4
79	2.8	2.9	3.4	3.9
78	2.8	2.8	3.3	3.8
77	2.8	2.7	3.2	3.7
76	2.6	2.6	3.1	3.6
75	2.6	2.5	3	3.5
74	2.6	2.4	2.9	3.4
73	2.4	2.3	2.8	3.3
72	2.4	2.2	2.7	3.2
71	2.4	2.1	2.6	3.1
70	2.2	2	2.5	3

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Courses are subject to change depending upon student demand and staffing.

GPA Table Class of 2027 and Beyond

Grade	MODIFIED - 1	ON LEVEL - 2	Advanced - 3	Dual Credit/AP - 4
100	4	5	5.5	6
99	4	4.9	5.4	5.9
98	4	4.8	5.3	5.8
97	4	4.7	5.2	5.7
96	3.8	4.6	5.1	5.6
95	3.8	4.5	5	5.5
94	3.8	4.4	4.9	5.4
93	3.6	4.3	4.8	5.3
92	3.6	4.2	4.7	5.2
91	3.6	4.1	4.6	5.1
90	3.6	4	4.5	5
89	3.4	3.9	4.4	4.9
88	3.4	3.8	4.3	4.8
87	3.4	3.7	4.2	4.7
86	3.2	3.6	4.1	4.6
85	3.2	3.5	4	4.5
84	3.2	3.4	3.9	4.4
83	3	3.3	3.8	4.3
82	3	3.2	3.7	4.2
81	3	3.1	3.6	4.1
80	3	3	3.5	4
79	2.8	2.9	3.4	3.9
78	2.8	2.8	3.3	3.8
77	2.8	2.7	3.2	3.7
76	2.6	2.6	3.1	3.6
75	2.6	2.5	3	3.5
74	2.6	2.4	2.9	3.4
73	2.4	2.3	2.8	3.3
72	2.4	2.2	2.7	3.2
71	2.4	2.1	2.6	3.1
70	2.2	2	2.5	3

LPS CLASS RANKING AND GPA POLICY

Both the unweighted GPA and the weighted GPA are posted on a student's transcript. Rank in class, valedictorian, and salutatorian determination shall be based on a weighted GPA system. Grade points shall be based on semester grades for courses taken for high school credit. The state of Texas requires all public high schools to rank students according to their GPA to assist in the college admissions process. Rank in class will only be published for students in the top 10% of their class at the end of each semester. Ranking will be published after each semester beginning with February of the student's sophomore year. Junior GPA and class rank are updated in June and February after semester grades are posted. The third quarter marking period shall count as a semester grade for purposes of determining rank, valedictorian, and salutatorian for seniors. However, a student's GPA continues through the end of their senior year. Dual credit grades shall not be recorded at the third marking period and the first semester grade will count for purposes of determining rank, valedictorian, and salutatorian.

GPA EXEMPT COURSES

Beginning in the 2019-2020 school year, students will be able to choose one fine arts credit or Student Leadership elective per year in 10th, 11th and 12th grade to not include in their GPA. Since our fine arts and Student Leadership courses will all be Level 2 (on the 5.0 GPA scale), we are allowing this so that students are able to pursue these electives for multiple years without bringing down their overall GPA and affecting their class rank (juniors and seniors). Their numerical grade for a GPA exempt course will still be present on report cards and affect honor roll qualification.

Students seeking to request GPA Exemption for a fine arts course must meet the prerequisites for the course and have parent, teacher, and counselor approval. They will need to see the counselor to submit a GPA Exempt Course Application in the fall.

Note: If students are enrolled in Student Leadership and a fine arts course, only Student Leadership will be GPA exempt for that year.

2024-2025 COURSE DESCRIPTIONS

Courses are subject to change depending upon demand.

ENGLISH LANGUAGE ARTS

English I

9th grade, 1 credit, Level 2

Prerequisite: None

English I is a course that emphasizes the development of skills in composition and reading. Through the writing process, students will compose argumentative, informative, narrative and various pieces utilizing other modes of writing. Students will develop close reading strategies by reading and analyzing a wide variety of texts. Students will learn to gather evidence from texts and incorporate it in both written and oral responses. Earning credit for this course satisfies the FHSP Speech Proficiency requirement for graduation.

*This course requires an End of Course (EOC) exam. Successful performance on the EOC is a graduation requirement.

Advanced English I

9th grade, 1 credit, Level 3

Prerequisite: None

Advanced English I will provide a more in-depth study of concepts through higher thinking processes. Students develop strategies to prepare them for future Advanced Placement (AP) courses at the 11th and 12th grade levels.

*This course requires an End of Course (EOC) exam. Successful performance on the EOC is a graduation requirement.

English II

10th grade, 1 credit, Level 2

Prerequisite: English I

English II is a course that builds upon the skills learned in English I to further develop skills in composition and reading. Through the writing process, students will compose argumentative, informational, narrative and various pieces utilizing other modes of writing. Students will develop close reading strategies by reading and analyzing a wide variety of texts. Students will learn to gather evidence from these texts and incorporate them in both written and oral responses.

*This course requires an End of Course (EOC) exam. Successful performance on the EOC is a graduation requirement.

Advanced English II

10th grade, 1 credit, Level 3

Prerequisite: English I

Advanced English II will provide a more in-depth study of concepts through higher thinking processes. Students develop strategies to prepare them for future Advanced Placement (AP) courses at the 11th and 12th grade levels.

*This course requires an End of Course (EOC) exam. Successful performance on the EOC is a graduation requirement.

English III

11th grade, 1 credit, Level 2

Prerequisite: English II

English III is a course that builds upon the skills learned in English II. Students will further develop skills in composition and reading. Through the writing process, students will compose argumentative, informational, narrative and various pieces utilizing other modes of writing. Students will develop close reading strategies by reading and analyzing a wide variety of texts. Students will learn to gather evidence from these texts and incorporate them in both written and oral responses.

AP English Language and Composition (AP English III)

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Courses are subject to change depending upon student demand and staffing.

11th grade, 1 credit, Level 4

Prerequisite: English II

English III Advanced Placement (AP) is a rigorous college-level course that offers students an in-depth study of rhetoric. Students will develop writing skills in the areas of rhetorical analysis, argument and synthesis. There is an emphasis on close reading and higher level critical thinking.

This is a College Board defined course and students are expected to take the AP exam in May.

English IV

12th grade, 1 credit, Level 2

Prerequisite: English III

The senior level English course is designed to engage learners in the rigorous study of rhetoric. Similar to a university freshman composition course, learners will be challenged to begin analyzing texts for evidence of the writer's craft. In other words, learners must come to recognize that the content of a given text cannot be studied independently from its form—the what is no more important than the how. These considerations range from the use of rhetorical devices, including tone, diction, audience, organization, appeal, style and attitude. Learners will also discover the ways in which the crafting of an argument must be shaped to fit the audience and genre. From studying these elements in the work of others (fiction, nonfiction and poetry), learners will write (both formally and informally) in the expository, analytical and argumentative modes.

AP English Literature and Composition (AP English IV)

12th grade, 1 credit, Level 4

Prerequisite: English III

AP English Literature - English IV is a course designed around curriculum grounded in analysis and enjoyment of imaginative literature through written and verbal discourse. Students will deepen their understanding of the ways writers use language to create meaning and pleasure for their readers. In addition to reading and thinking critically, students will explore and continue to improve their own style of writing through analytical, explanatory, reflective, and creative pieces.

This is a College Board defined course and students are expected to take the AP exam in May.

Dual Credit Composition I and Composition II (ENGL 1301 & ENGL 1302)

11th-12th grade, 1 credit (Both courses must be taken - 0.5 credit each), Level 3

Prerequisite: Collin College Acceptance

Students will fulfill the TEKS for English III (junior) or English IV (senior) and the Collin College course requirements for Composition I, ENGL 1301 (3 college credit hours) and Composition II, ENGL 1302 (3 college credit hours). This is a college freshman English course.

Dual Credit World Literature I and World Literature II (ENGL 2332 & ENGL 2333)

12th grade, 1 credit (Both courses must be taken - 0.5 credit each), Level 3

Prerequisite: Collin College Acceptance

Students will fulfill the TEKS for English IV and meet the Collin College course requirements for World Literature I, ENGL 2332 (3 college credit hours) and World Literature II, ENGL 2333 (3 college credit hours). This course is for seniors who took English III Dual Credit in their junior year (ENGL 1301 and ENGL 1302).

College Prep English Language Arts

12th grade, 1 credit, Level 2

*Prerequisite: Enrollment is limited to college bound students who have demonstrated that they are at risk of needing to complete a developmental English course in college. This course fulfills Texas Success Initiative (TSIA) requirements for reading and writing. *This course does not meet NCAA eligibility as a core class.*

College Preparatory English Language Arts is designed in conjunction with Collin College to cover the content of the Collin College developmental English course. This college-preparatory course integrates basic academic reading skills with basic skills in writing a variety of academic essays. This is a performance based course designed to develop students' critical reading and academic writing skills through extensive instruction emphasizing skills and techniques related to vocabulary, grammar, comprehension, paragraph elements, essay structure, and critical analysis that apply to both reading and writing. Successful completion of this course earns a Texas Success Initiative (TSIA) exemption at Collin College. *This course will count as a 4th year English.*

Yearbook I - Journalism

10th grade, 1 credit, Level 2

Students enrolled in Journalism write in a variety of forms for a variety of audiences and purposes. High school students enrolled in this course are expected to plan, draft, and complete written compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students will become analytical consumers of media and technology to enhance their communication skills. Published work of professional journalists, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students enrolled in Journalism will learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing. Journalism students create the LPS Yearbook. (Yearbook years 2 and 3 are listed in the Career and Technical Education section)

MATHEMATICS

Algebra I

1 credit, Level 2 (Level 3 if taken in 8th grade)

Prerequisite: None

Problem-based Algebra I introduces the learner to variables, algebraic expressions, equations, functions, inequalities, and their graphical representation. The purpose of problem-based learning within Algebra 1 is for the learner to explore and solve mathematical problems, think critically, work cooperatively with others, and communicate mathematical ideas clearly.

*This course requires an End of Course (EOC) exam. Successful performance on the EOC is a graduation requirement.

Geometry

10th grade 1 credit, Level 2

Prerequisite: Algebra I

Problem-based Geometry will introduce learners to plane geometry with integration of some space and coordinate geometry, concepts of transformational geometry, measurement, and the basic concepts of right triangle trigonometry. This class develops geometric concepts using formal proofs and algebraic applications. Algebra is used extensively for areas, volumes, lengths, angle measures, and graphing. The purpose of problem-based learning within Geometry is for the learner to explore and solve mathematical problems, think critically, work cooperatively with others, and communicate mathematical ideas clearly.

Advanced Geometry

9th grade, 1 credit, Level 3

Prerequisite: Algebra I

Geometry Advanced builds upon the on-level Geometry course and further explores the content with an emphasis on problem solving in a multi-step format. Strategies and testing using the AP formats are alternated with the intent of preparing students to enter our AP upper mathematics program.

Algebra II

11th grade, 1 credit, Level 2

Prerequisite: Geometry

In Algebra II, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. In this Problem-Based Learning course, students revisit algebra concepts in a deeper, more meaningful way, and introduce new concepts through exploration, discovery, and hands-on approaches to prepare for higher level math. **3rd**

Math – Required for Distinguished Level of Achievement.

Advanced Algebra II

10th grade, 1 credit, Level 3

Prerequisite: Advanced Geometry or concurrent enrollment in Geometry (Admin Approval for concurrent enrollment)

In Algebra II, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. In this Problem-Based Learning course, students revisit algebra concepts in a deeper, more meaningful way, and introduce new concepts through exploration, discovery, and hands-on approaches to prepare for higher level math. **3rd**

Math – Required for Distinguished Level of Achievement.

Algebraic Reasoning

1 credit, Level 2

Prerequisite: Algebra I

In Algebraic Reasoning, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets. **Students who may be candidates for athletic scholarships should be advised that this course may not meet minimum core requirements under NCAA guidelines.**

Statistics and Business Decision Making (also CTE credit)

1 credit, Level 2

Prerequisite: Algebra II

Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. This is an upper-level course in the Business Management CTE program of study. Students will use statistics to make business decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid. This course satisfies a high school math graduation requirement.

Mathematical Models with Applications

1 credit, Level 2

Prerequisite: Geometry

Math Models is designed to build on the knowledge and skills for mathematics in Algebra I and Geometry. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects; manipulatives; technology, including graphing calculators, data collection devices, and computers; and paper and pencil and from methods such as algebraic techniques, geometric reasoning, patterns, and mental math to solve problems. **This course is not open to students who have received credit for either semester of Algebra 2.**

PreCalculus

12th grade, 1 credit, Level 2

Prerequisite: Algebra II

PreCalculus explores patterns and single variable relationships found in our world. This class will cover the topics of algebra, trigonometry, and analytical geometry. In addition to introducing calculus, algebra and multilayer problem solving skills are strengthened.

Advanced PreCalculus

11th grade, 1 credit, Level 3

Prerequisite: Algebra II

PreCalculus explores patterns and single variable relationships found in our world. This class will cover the topics of algebra, trigonometry, and analytical geometry. In addition to introducing calculus, algebra and multilayer problem solving skills are strengthened.

AP Calculus AB - did not make for 2024-2025 school year

1 credit, Level 4

Prerequisite: PreCalculus

In this course, learners will study the branch of mathematics that deals with rates of change in continuous and varying quantities. The study of calculus improves and sharpens cognitive skills. This course provides a journey to the edge of mathematical reasoning. Calculus is used in business, medical, engineering, and many other areas of study. **This is a College Board defined course and students are expected to take the AP exam in May.**

College Prep Mathematics

11th-12th Grade, 1 credit, Level 4

Prerequisite: Enrollment is limited to college bound students who have demonstrated that they are at risk of needing to complete developmental Mathematics courses in College. Successful completion of this course earns a Texas Success Initiative (TSIA) exemption at Collin College.

**This course does not meet NCAA eligibility as a core class.*

College Preparatory Math is designed in conjunction with Collin College to cover the content of the Collin College developmental (remedial, non-credit) math courses. Topics include a study of relations, functions, inequalities, algebraic expressions and equations (linear, polynomial, radical, rational), with a special emphasis on linear and quadratic expressions and equations. This course satisfies a high school math graduation requirement. Successful completion of this course earns a Texas Success Initiative (TSIA) exemption at Collin College.

SCIENCE

Biology

9th, 1 credit, Level 2

Prerequisite: None

In Biology, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.

*This course requires an End of Course (EOC) exam. Successful performance on the EOC is a graduation requirement.

Advanced Biology

9th, 1 credit, Level 3

Prerequisite: None

Advanced Biology will provide a more in-depth study of Biology concepts through higher thinking processes. Students develop strategies to prepare them for future Advanced Placement (AP) courses.

*This course requires an End of Course (EOC) exam. Successful performance on the EOC is a graduation requirement.

Integrated Physics and Chemistry

9th-10 grade, 1 credit, Level 2

Prerequisite: Teacher Recommendation

This course is a survey lab course that covers a wide range of scientific areas. There is an emphasis placed on scientific thought and inquiry. The many different laboratory activities are designed to show observable relationships between variables. Topics covered include force & motion, work & energy, electricity & magnetism, sound & waves, light & optics, properties of matter, changes in matter, solutions, and heating & cooling. This course is for students needing a

Pre-Chemistry course.

Chemistry

1 credit, Level 2

Prerequisite: Biology and Algebra I

This course will cover characteristics of matter, energy transformations during physical and chemical changes, atomic structure, periodic table of elements, behavior of gasses, bonding, nuclear fusion and fission, oxidation-reduction reactions, chemical equations and reactions, solutes, properties of solutions, acids and bases. It will develop your skills for writing persuasive and informative texts such as essays, reports, proposals, and memoranda as well as research and presentation of information in a variety of media.

Advanced Chemistry

10th, 1 credit, Level 3

Prerequisite: Biology and Algebra I

Advanced Chemistry will provide a more in-depth study of Chemistry concepts through higher thinking processes. Students develop strategies to prepare them for future Advanced Placement (AP) courses.

Physics

1 credit, Level 2

Prerequisite or Corequisite: Algebra I

This course provides a conceptually based exposure to the fundamental principles and processes of the physical world. Topics include basic concepts of motion, forces, energy, heat, electricity, magnetism, and the structure of matter and the universe. Upon completion, students should be able to describe examples and applications of the principles studied.

AP Physics I - did not make for 2024-2025 school year

1 credit, Level 4

College Board Recommended Prerequisite: Geometry and concurrent enrollment in Algebra II or an equivalent course

AP Physics I is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound.

This is a College Board defined course and students are expected to take the AP exam in May.

AP Chemistry - did not make for 2024-2025 school year

1 credit, Level 4

Prerequisite: Advanced Chemistry

AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. **This course is offered every other year.**

This is a College Board defined course and students are expected to take the AP exam in May.

AP Biology

1 credit, Level 4

Prerequisite: Advanced Biology, Chemistry

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes—energy and communication, genetics, information transfer, ecology, and interactions. **This course is offered every other year.**

This is a College Board defined course and students are expected to take the AP exam in May.

Anatomy & Physiology (also CTE credit)

1 credit, Level 2

Prerequisite: Biology and a second science credit

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the

interaction of body systems for maintaining homeostasis. Comparative vertebrate anatomy will be studied with a focus on humans. Dissection will be a key component of the learning process in this course. This course satisfies a high school science graduation requirement.

Advanced Anatomy & Physiology (also CTE credit)

11th-12th Grade

1 credit, Level 3

Prerequisite: Biology and a second science credit

Advanced Anatomy & Physiology will provide a more in-depth study of the concepts through higher thinking processes. Students develop strategies to prepare them for future Advanced Placement (AP) courses. This course satisfies a high school science graduation requirement.

Scientific Research and Design in Forensics (also CTE credit)

11th-12th Grade

1 credit, Level 2

Prerequisite: Biology, Chemistry, Integrated Physics and Chemistry (IPC), or Physics.

Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. All of these components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

SOCIAL STUDIES

World Geography

9th grade, 1 credit, Level 2

Prerequisite: None

In World Geography, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. Students use problem-solving and decision-making skills to ask and answer geographic questions.

Advanced World History & Geography

9th grade, 1 credit, Level 3

Prerequisite: None

Advanced World History and Geography focuses deeply on the concepts and skills that have maximum value for high school, college, careers, and civic life. The course builds students' essential skills and confidence and helps to prepare them for a range of AP history and social science coursework during high school, including AP World History. The learning model is that of a disciplinary apprenticeship, with students using the tools of the historian and geographer as sources, data, and analytical reading and writing take center stage in the classroom. In this course, students learn that historians and geographers are investigators intent on using the tools of their disciplines to uncover new evidence about the world and its inhabitants.

World History

10th grade, 1 credit, Level 2

Prerequisite: World Geography

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Courses are subject to change depending upon student demand and staffing.

World History Studies is a survey of the history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students analyze the connections between major developments in science and technology and the growth of industrial economies, and they use the process of historical inquiry to research, interpret, and use multiple sources of evidence.

AP World History: Modern

10th grade, 1 credit, Level 4

Prerequisite: Advanced World History & Geography (Recommended)

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

Personal Financial Literacy

10th-12th grade, 0.5 credit, Level 2

Prerequisite: None.

This is a Social Studies elective.

Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. When citizens make wise financial decisions, they gain opportunities to invest in themselves, build businesses, consume goods and services in a responsible way, and secure a future without depending on outside assistance. The economy benefits from the optimal use of resources, increased consumption, and strong local businesses. State and local governments benefit with steady revenue streams and reduced future obligations as our society ages.

United States History

11th grade, 1 credit, Level 2

Prerequisite: World History

In United States History Studies Since 1877, which is the second part of a two-year study that begins in Grade 8, students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provide a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights. Students use critical-thinking skills and a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context.

*This course requires an End of Course (EOC) exam. Successful performance on the EOC is a graduation requirement.

AP United States History

11th grade, 1 credit, Level 4

Prerequisite: World History

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments.

*This course requires an End of Course (EOC) exam. Successful performance on the EOC is a graduation requirement.

This is a College Board defined course and students are expected to take the AP exam in May.

Government

12th grade, 0.5 credit, Level 2

Prerequisite: U.S. History

Government focuses on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. Students will study major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Throughout this course, learners examine the relationship between governmental policies and the culture of the United States.

Economics

12th grade, 0.5 credit, Level 2

Prerequisite: U.S. History

Economics focuses on the basic principles concerning the production, consumption, and distribution of goods and services in the United States and a comparison with those in other countries around the world. The course focuses on the interaction of supply, demand, and price and the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. Throughout this course, learners study business models, market structures and the roles of the Federal Reserve System and other financial institutions, governments, and businesses in a free enterprise system.

AP US Government and Politics/AP Macroeconomics - did not make for 2024-2025 school year

12th grade, 1 credit, Level 4

Prerequisite: U.S. History

AP US Government and Politics is taught in the fall semester and AP Macroeconomics is in the spring semester. AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they complete a political science research or applied civics project. AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

This is a College Board defined course and students are expected to take the AP exam in May.

LANGUAGES OTHER THAN ENGLISH

Computer Science as Language other than English: LOTE requirements can be fulfilled by selecting two credits in computer programming languages from the following - Computer Science I, Computer science II, AP Computer Science Principles, or AP Computer Science A

Spanish I

1 credit, Level 2

Prerequisite: None

The learners in this course will begin to build language skills through participating in real world projects designed to facilitate effective communication and cross-cultural understanding. The communication skills included are reading, writing, listening, and speaking. We will explore cultural connections and comparisons and our role as global citizens. Grammatical structures will focus on the present tense.

Spanish II

1 credit, Level 2

Prerequisite: Spanish I

The learners in this course will continue to build language skills through participating in real world projects designed to facilitate effective communication and cross-cultural understanding. The communication skills included are reading, writing, listening, and speaking. We will explore cultural connections and comparisons and our role as global citizens. Grammatical structures will include the present, preterit and imperfect tenses.

Spanish III - did not make for 2024-2025 school year

1 credit, Level 2

Prerequisite: Spanish II

Students in Spanish III will be able to express meaning in a variety of contexts and understand information from connected statements. Students are generally understood by people accustomed to dealing with language learners. Students will continue to acquire and discover the target language through speaking, listening, reading, and writing activities. This course allows the students to communicate in a target language environment at an intermediate level.

American Sign Language I

1 credit, Level 2

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.

American Sign Language II

1 credit, Level 2

Prerequisite: American Sign Language I

Using age-appropriate materials, students in ASL Level II develop the ability to perform the tasks of the novice-to-intermediate language learner. The novice-to-intermediate language learner, when dealing with familiar topics, should understand ASL phrases receptively and respond expressively with learned material; sign learned words, concepts, phrases, and sentences; recognize the importance of communication and how it applies to the American Deaf culture; and recognize the importance of accuracy of expression by knowing the components of ASL. Students use expressive and receptive skills for comprehension.

FINE ARTS

ART

Art I, Art II, Art III, Art IV

9th-12th grades, 1 credit, Level 2

Art will provide learners with experience in a variety of media. This course provides learners with a deeper level of instruction in drawing, 2-D and 3-D design, painting, printmaking, and ceramics. Critical analysis, historical and cultural references, and personal expression are an ongoing part of this course. Learners will complete a sketchbook assignment each week for homework. (Student fees could be associated with this class)

AP 2-D Art and Design - did not make for 2024-2025 school year

1 credit, Level 4

Prerequisite: Art I

Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria,

which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students may choose to submit any or all of the AP Portfolio Exams.

This is a College Board defined course and students are expected to take the AP exam in May.

THEATRE

Theatre I, Theatre II, Theatre III, Theatre IV

9th-12th grades, 1 credit, Level 2

Theatre is a course designed to introduce students to the basics of theatre and theatre as an art form. This course is intended for students who have not yet taken theatre. Students will learn about basic theatre terminology, stage directions, reading techniques, and writing techniques in regard to plays and musicals. Students will perform monologues, duet, and group scenes. Students will also be asked to write creatively and analyze plays and stories for basic elements of a plot.

BAND

Band I, Band II, Band III, Band IV

9th-12th grades, 1 credit, Level 2

Prerequisite: Audition and Teacher Recommendation

This class offers instruction on woodwind, brass, and percussion instruments with a focus on the skills necessary for long-term student success. Fundamentals stressed include proper posture and playing position, development of characteristic tone quality, and training in music literacy. (Student fees could be associated with this class)

SPEECH

Communication Applications - **did not make for 2024-2025 school year**

0.5 credit, Level 2

Understanding and developing skills in communication are fundamental to all other learning and to all levels of human interaction. For successful participation in professional and social life, students must develop effective communication skills. Rapidly expanding technologies and changing social and corporate systems demand that students send clear verbal messages, choose effective nonverbal behaviors, listen for desired results, and apply valid critical-thinking and problem-solving processes. Students enrolled in Communication Applications will be expected to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations.

LOCAL ELECTIVES

Staff Aide

1 credit, GPA Exempt, Local Credit, Admin approval

Prerequisite: None

Learners will be responsible for assisting the staff in a variety of tasks to ensure efficiency and productivity. This opportunity is for learners to work with organization and leadership. Learners should be self-motivated and demonstrate a high level of responsibility. **Students may not earn more than 1 local credit for this course during high school.**

CAREER & TECHNICAL EDUCATION (CTE)

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM)

CAREER CLUSTER

The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster® focuses on planning, managing, and providing scientific research and professional and technical services, including laboratory and testing services, and research and development services.

[Programming and Software Development Program of Study*](#)

**Successful completion of the Programming and Software Development POS will fulfill requirements of the Business and Industry academic endorsement AND the STEM endorsement if the math and science requirements are met.*

Fundamentals of Computer Science

7th-8th Grade, 1 credit, Level 2

Prerequisite: None

Languages covered: Javascript, HTML/CSS

Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts.

AP Computer Science Principles: Global Impact of Computing - did not make for 2024-2025 school year

1 credit, Level 4

Recommended Prerequisite: Algebra I

No prior coding experience is required.

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computation tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world.

Computer Science I

1 credit, Level 2

Prerequisite: Algebra I

Languages covered: Javascript and Python

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

evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

AP Computer Science A

1 credit, Level 4

Prerequisite: Algebra I

The AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

Computer Science II - Java Programming

1 credit, Level 2

Prerequisite: Algebra I and either Computer Science I or Fundamentals of Computer Science

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts.

Mobile Application Development - did not make for 2024-2025 school year

1 credit, Level 2

Prerequisite: Algebra I

Mobile Application Development will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices. Students will collaborate with one another, their instructor, and various electronic communities to solve problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. By using software design knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Introduction to C# Programming - did not make for 2024-2025 school year

1 credit, Level 2

Recommended Prerequisites: Algebra I and Geometry

Introduction to C# Programming Applications is a study of C# syntax including data types, control structures, functions, syntax and semantics of language, classes, class relations and exception handling.

ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

CAREER CLUSTER

Jobs in the arts, audio/video technology, and communications career cluster involve designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

[Graphic Design & Multimedia Arts Program of Study*](#)

**Successful completion of the Graphic Design & Multimedia POS will fulfill requirements of the Business and Industry academic endorsement.*

Principles of Arts, Audio/Video Technology & Communications

7th-8th Grade, 1 credit, Level 2

Prerequisite: None

This course is an introductory course for careers in the Arts, Audio/Video Technology, and Communications career cluster. In addition, the course helps provide a creative aptitude, a background in computer and technology applications, an academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Digital Art and Animation

1 credit, Level 2

Prerequisite: None

Digital Art and Animation consists of computer images and animations created with digital imaging software. Digital Art and Animation has applications in many careers, including graphic design, advertising, web design, animation, corporate communications, illustration, character development, script writing, storyboarding, directing, producing, inking, project management, editing, and the magazine, television, film, and game industries. Students in this course will produce various real-world projects and animations. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts. **Digital Art and Animation can count as a Fine Arts credit.** *Students enrolled in Yearbook II will earn the Digital Art and Animation credit.*

3-D Modeling and Animation - did not make for 2024-2025 school year

1 credit, Level 2

Prerequisite: None

3-D Modeling and Animation consists of computer images created in a virtual three-dimensional (3-D) environment. 3-D Modeling and Animation has applications in many careers, including criminal justice, crime scene, and legal applications; construction and architecture; engineering and design; and the movie and game industries. Students in this course will produce various 3-D models of real-world objects. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Video Game Design - did not make for 2024-2025 school year

1 credit, Level 2

Prerequisite: None

Video Game Design will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic.

Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

Practicum in Entrepreneurship

2 credits, Level 3

Prerequisite: None

The Practicum in Entrepreneurship provides students the opportunity to apply classroom learnings and experiences to real-world business problems and opportunities, while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study. *Students enrolled in Yearbook III will earn a Practicum in Entrepreneurship credit.*

HUMAN SERVICES CAREER CLUSTER

The Human Services Career Cluster focuses on preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services.

Family and Community Services Program of Study*

**Successful completion of the Family and Community Services program of study will fulfill requirements of the Public Service endorsement.*

Principles of Human Services (Formally known as 7th grade Teen Living)

Required for all 7th Graders

1 credit, Level 2

Principles of Human Services is a laboratory course that will enable students to investigate careers in the Human Services Career Cluster, including counseling and mental health, early childhood development, family and community, personal care, and consumer services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

Principles of Community Services (Formally known as 8th Grade Careers)

Required for all 8th Graders

1 credit, Level 2

The purpose of this course is to introduce 8th grade students to the field of non-profits/community service, as well as explore career options that assist individuals and families in need. The students will work to understand policies, design community service plans, and develop a portfolio of different community and state resources. Students will also be encouraged to job shadow, volunteer for community service-based experiences, and participate in service-learning opportunities.

Interpersonal Studies (0.5 credit)/Professional Communications (0.5 credit)

Required for all 9th Graders

1 credit, Level 2

Interpersonal Studies examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services. Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct internet research.

Family and Community Services

Required for all 10th Graders

1 credit, Level 2

Family and Community Services is a laboratory-based course designed to involve students in realistic and meaningful community-based activities through direct service or service-learning experiences. Students are provided opportunities to interact with and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.

Practicum in Entrepreneurship

Required for all 11th Graders

2 credits, Level 3

Prerequisite: None

The Practicum in Entrepreneurship provides students the opportunity to apply classroom learnings and experiences to real-world business problems and opportunities, while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study.

PHYSICAL EDUCATION

Skill-Based Lifetime Activities

1 credit, Level 2

Prerequisite: None

The Skill-Based Lifetime Activities course offers students the opportunity to demonstrate mastery in basic sport skills, basic sport knowledge, and health and fitness principles. Students experience opportunities that promote physical literacy and lifetime wellness. **PE uniform required for participation.**

Lifetime Fitness and Wellness Pursuits

1 credit, Level 2

Prerequisite: None

The Lifetime Fitness and Wellness Pursuits course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students in Lifetime Fitness and Wellness Pursuits will apply the knowledge and skills to demonstrate mastery of the concepts needed to achieve lifetime wellness. Students will participate in a variety of physical activities for attaining personal fitness and lifetime wellness. **PE uniform required for participation.**

Off-Campus Physical Education (Category I or II)

0.5 credit, Level 2

Prerequisite: Approval Required

The purpose of the program is to accommodate students who are making a serious effort to develop high level capabilities and to allow them to be involved in an off campus program that provides elite-level training. Students applying for off-campus PE will be considered under two categories.

- **CATEGORY ONE:** These programs involve a minimum of 15 hours per week of highly intense, professionally supervised training. Students qualifying at this level may be dismissed from school one period per day for such participation.
- **CATEGORY TWO:** These programs are to be of high quality, well supervised by appropriately trained instructors, and consisting of a minimum of 10 hours per week. Students certified to participate at this level **MAY NOT** be dismissed from any part of the regular school day.

Applications for off-campus PE may be obtained from the counselor's office. They must be completed and approved within seven days of the start of a semester. Students are responsible for turning in the OCPPE application to their counselor with their other course requests. Fees will be paid in August at schedule pick-up. The student will be responsible for returning the grade evaluation form completed by the course instructor to LPS one week prior to the end of the current grading period. Course Fees & Materials: \$125/semester or \$250/year due prior to the semester begins. Additional information can be found in the Parent-Student Handbook.

DUAL CREDIT

Qualified students may be enrolled concurrently in LPS and Collin College or University of North Texas for specified classes. Students in dual credit courses earn both high school and college credit. Students must:

- meet Collin College or UNT admissions requirements
- secure administrative approval for the dual credit courses selected (A/B grade point average is a recommended requirement)
- successfully complete the Texas Success Initiative Examination (TSIA) or provide proof of exemption from TSIA

For course listings and programs, visit the [Dual Credit page](#) on the LPS website.

All families interested in participating in dual credit courses must attend a mandatory informational meeting in the spring.

Frequently Asked Questions

1. Does every student have to graduate with an endorsement?

No. A student may opt to graduate Foundation High School Program only without an endorsement if, after the student's sophomore year the student and the student's parent or guardian are advised by a school counselor of the specific benefits of graduating from high school with one or more endorsements and the student's parent or guardian files with a school counselor written permission, on a form adopted by the Texas Education Agency (TEA), allowing the student to graduate under the Foundation High School Program without earning an endorsement.

2. Can a student earn more than one endorsement?

Yes. A district must allow a student to enroll in courses under more than one endorsement before the student's junior year.

3. Can a student change endorsements? When?

Yes. While a district is not required to offer all endorsements, a district must allow a student to choose, at any time, to earn an endorsement other than the endorsement the student previously indicated from among the available endorsements.

4. What is the difference between an Endorsement and a CTE Program of Study?

Every CTE Program of Study leads into an endorsement. An endorsement consists of a sequence of courses that are grouped together by interest or occupational skill, known as "career clusters." Students earn an endorsement by completing four credits each in both math and science, and two additional elective credits.

A CTE student who receives a Program of Study completes four or more courses for 4 or more credits including an advanced course within the CTE programs of study: Multimedia, Digital Communications, Health Sciences, Business Management or Human Services.

5. Do districts have the authority to require Algebra II or other specific courses for all endorsements?

Yes. School districts have the authority to establish requirements in addition to what the state requires of students for graduation. This is a local decision.

6. Who decides what constitutes a coherent sequence of courses?

Each local school district has the authority to determine a coherent sequence of courses and identify courses within that sequence as advanced courses for the purposes of satisfying an endorsement requirement, provided that prerequisites are followed.

7. Are students required to meet each of the options listed under an endorsement area, or they required to only meet one of the options?

To earn an endorsement a student must complete any specific course requirements and one set of requirements identified in the endorsement rules. For example, to earn a business and industry endorsement, a student must complete the course requirements for CTE or the course requirements

for English language arts electives, but not both.

8. Is it permissible to substitute an additional arts and humanities course for the fourth science requirement if the student is pursuing an arts and humanities endorsement?

A student pursuing an arts and humanities endorsement who has the written permission of the student's parent may substitute an English language arts course, a social studies course, a LOTE course, or a fine arts course for the additional science credit required to earn an endorsement.

9. Under the multidisciplinary studies endorsement, what courses will satisfy the requirement for "four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation"?

Each local school district has the authority to identify advanced courses for the purposes of satisfying an endorsement requirement, provided that they meet the definition above.