2026-2027



Marlin ISD Course Guide

Marlin Independent School District

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Introduction

The Programs of Study has been developed to provide important academic and graduation information for students and their parents. It will assist you in making wise, informed decisions concerning programs and course choices throughout your middle and high school years.

Marlin Independent School District Program of Study lists the courses that our middle and high school generally makes available to students. There are many factors to consider in selecting courses that will meet individual needs for next year. Remember to select courses to fit overall planning which projects beyond the high school years. Interest and ability should determine choices. Experience shows that those who plan an entire high school program early and frequently review the plan will be able to graduate without difficulty. Please refer to the counseling office at Marlin High School or for a list of available course offerings.

English Language Arts/Reading

English Language Arts and Reading Grade 6
PEIMS#: 02800000 Course#: 80050000
Prerequisites: None
This course includes all TEKS for English Language Arts and Reading, which consist of reading, writing, and research, listening, and speaking skills. This course provides instruction and practice in reading and writing a variety of genres to enhance students' language skills. Comprehension, writing, and research skills are developed through a variety of activities. Students learn grammar, usage, vocabulary, and other English language skills within the context of reading and writing.

English Language Arts and Reading Grade 7
PEIMS#: 03200520 Course#: 10060000
Prerequisites: 6th Grade ELAR
This course facilitates opportunities for students to explore multiple genres through the analysis of literary and informational texts. Students' language skills are enhanced through the study of reading, writing, research, and oral and written conventions. Technology is used to enhance the writing process to produce publications for specific audiences.

English Language Arts and Reading Grade 8
PEIMS#: 03200530 Course#: 10070000
Prerequisites: 7th Grade ELAR
This course facilitates opportunities for students to explore multiple genres through the analysis of literary and informational texts. The course enhances students' language skills by emphasizing critical thinking and the logical development of ideas as students build skills in the areas of reading, writing, research, and oral and written conventions.

English Language Arts and Reading – Honors Grade 8
PEIMS#: 03200530 Course#: 10070001
Prerequisites: 7th Grade ELAR
This advanced course facilitates opportunities for students to explore multiple genres through the analysis of literary and informational texts. The course enhances students' language skills by emphasizing critical thinking and the logical development of ideas as students build skills in the areas of reading, writing, research, and oral and written conventions.

English I
Credit: 1.0 Grade: 9
PEIMS#: 03220100 Course#: 00650000
Prerequisite: None
Emphasis is placed on organizing logical arguments with clearly expressed related definitions, theses, and evidence. Students will write to persuade and to report and describe. They will read extensively in multiple genres from world literature.
Students will take the English I EOC at the end of this course.
***English 1** Course#: 00610000

English I - Honors
Credit: 1.0; weighted Grade: 9
PEIMS#: 03220100 Course#: 00570000
Prerequisite: None
English 1 Honors is designed to introduce students to the Advanced Placement strand of courses with the ultimate goal of preparing them to take the Advanced Placement exams in English Language and Composition and English Literature and Composition. Students will read different literature genres and study their characteristics. Grammar, usage, and mechanics will be presented to enhance communication skills. Elements of the writing process will be taught and will be used by students in writing activities. Students will be expected to use higher level thinking skills and to do in-depth analytical reading and writing.
Students will take the English I EOC at the end of this course.

English II

Credit: 1.0 Grade: 10
PEIMS#: 03220200 Course#: 00640000
Prerequisite: English I
Emphasis is placed on persuasive forms of writing such as logical arguments, expressions of opinion, and personal forms of writing. These may include a response to literature, a reflective essay, or an autobiographical narrative. Students will read extensively in multiple genres from world literature.
Students will take the English II EOC at the end of this course.
***English II** Course# 00860000

English II - Honors

Credit: 1.0; weighted Grade: 10
PEIMS#: 03220200 Course#: 00600000
Prerequisite: English I
English 2 Honors is designed to further prepare students for the Advanced Placement strand of courses with the ultimate goal of preparing them to take the Advanced Placement exams in English Language and Composition and English Literature and Composition. Students will study the different genres of literature. They will further develop writing skills. The study of grammar, usage, and mechanics will be presented to enhance oral and written communication skills. The student will use higher level thinking skills while doing in-depth analytical reading and writing.
Students will take the English II EOC at the end of this course.

English III

Credit: 1.0 Grade: 11
PEIMS#: 03220300 Course#: 00680000
Prerequisite: English II
Emphasis is placed on business forms of writing such as the report, the business memo, the narrative of a procedure, the summary or abstract, and the resume. Students will read extensively in multiple genres from American literature and other world literature. ***English III** Course# 0087000

English III - Honors

Credit: 1.0; weighted Grade: 11
PEIMS#: 03220300 Course#: 00540000
Prerequisite: English II
English 3 Honors is designed for students who have exhibited outstanding skills in English and desire advanced instruction in composition, grammar and analytical reading. This course uses state adopted textbooks and college level materials. The intent of English 3 Honors is to prepare students to take the Advanced Placement Language and Composition Exam to earn college credit; therefore, the course will emphasize expository, analytical, and argumentative essays, stressing the connection between reading and writing. Literature will be studied to acquaint students with a variety of prose styles and grammar and vocabulary will be studied to provide the student with practice to mature his/her own writing style.

English IV

Credit: 1.0 Grade: 12
PEIMS#: 03220400 Course#: 00700000
Prerequisite: English III
Students will write in a variety of forms, including business, personal, literary, and persuasive, and will read extensively in multiple genres from British literature and other world literature. ***English IV** Course# 0089000

English IV – Honors

Credit: 1.0; weighted Grade: 12
PEIMS#: 03220400 Course# 00710000
Prerequisite: English III
The English IV – Honors course aligns to an introductory college level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism,

and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Summer reading is required.

English IV – English 1301 Composition 1- MCC Dual Credit

Credit: 1.0; weighted Grade: 12
PEIMS#: 13039250 Course# 31010000
Prerequisite: English III and meet college eligibility requirements
An intensive study and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing academic essays as a vehicle for learning, communicating, and critical analysis. Study of and practice in the strategies and techniques for developing research- based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods, critical reading of verbal, visual, and multimedia texts, systematic evaluation, synthesis, and documentation of information sources and critical thinking about evidence and conclusions

The English IV –Dual Credit course gives dual credit to students for both English 4 and English 1301/1302 through McClennon Community College. Students must have TSI test scores (or exemption documentation) prior to beginning college-level classes. The six hours of college credit is transferable to most Texas public universities as well as many private colleges. Cost is defined by college and subject to change. The student is encouraged to consult his/her college of intent regarding the college's policy for Dual Credit transfer.

English IV – English 1302 Composition 2 - MCC Dual Credit

Credit: 1.0; weighted Grade: 12
PEIMS#: 13039250 Course# 31010000
Prerequisite: English III and meet college eligibility requirements
An intensive study and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing academic essays as a vehicle for learning, communicating, and critical analysis. Study of and practice in the strategies and techniques for developing research- based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods, critical reading of verbal, visual, and multimedia texts, systematic evaluation, synthesis, and documentation of information sources and critical thinking about evidence and conclusions

The English IV –Dual Credit course gives dual credit to students for both English 4 and English 1301/1302 through McClennon Community College. Students must have TSI test scores (or exemption documentation) prior to beginning college-level classes. The six hours of college credit is transferable to most Texas public universities as well as many private colleges. Cost is defined by college and subject to change. The student is encouraged to consult his/her college of intent regarding the college's policy for Dual Credit transfer.

College Preparatory English Language Arts

Credit: 1.0 Grade: 12
PEIMS#: CP110100 Course#: 0311000
Prerequisite: See counselor for eligibility requirements
College Preparatory English Language Arts is designed to prepare students for college level reading and writing intensive courses including freshman composition and other introductory college courses. Students will learn to use critical writing and reading to develop and represent the processes and products of their critical thinking. Through critical writing and reading, writers think through ideas, problems, and issues; identify and challenge assumptions; and explore multiple ways of understanding. This is important in college as writers are asked to move past obvious or surface-level interpretations and use writing to make sense of and respond to written, visual, verbal, and other texts that they encounter. Writers learn to move back and forth through different stages of writing, adapting those stages to the situation to independently produce final, polished texts. As part of the Texas Success Initiative (TSI), Texas law requires students entering college to meet readiness standards in reading, writing and mathematics. Various assessments determine if a student needs reinforcement of specific skills. This course will help students to become college ready in reading and writing.

Mathematics

Mathematics, 6
Grade 6
PEIMS#: 02640060 Course#: 90060000
Prerequisites: None
The primary focal points at 6th grade are using all operations with integers, fractions and decimals to solve problems and understanding and applying ratios and rates to represent proportional relationships.

Mathematics, 7
Grade 7
PEIMS#:02640060 Course#: 90060000
Prerequisites: 6th Grade Mathematics
The primary focal points at 7th grade are number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students use concepts, algorithms, and properties of rational numbers to explore mathematical relationships and to describe increasingly complex situations.

Mathematics, 8
Grade 8
PEIMS#: 03103100 Course#: 90080000
Prerequisites: 7th Grade Mathematics
The primary focal points at 8th grade are proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data.

Mathematics, 8 – Honors
Grade 8
PEIMS#: 03103100 Course#: 90080001
Prerequisites: 7th Grade Mathematics

There is a strong expectation that all of the students in a honors math program are preparing for Advanced Placement Calculus and/or Advanced Placement Statistics. Within a well balanced mathematics curriculum, the primary focal points at Grade 8 are using basic principles of algebra to analyze and represent both proportional and non-proportional linear relationships and using probability to describe data and make predictions.

Algebra I
Credit: 1.0 Grade: 9-10
PEIMS#: 03100500 Course#: 40060000
Prerequisite: None
Algebra 1 provides basic understandings in foundation concepts, algebraic thinking and symbolic reasoning, function concepts, relationship between equations and functions, tools for algebraic thinking and underlying mathematical processes. Algebra 1 concepts build around foundations for functions, linear functions, and quadratic and other nonlinear functions. ***Students will take the Algebra I EOC at the end of this course.***
***Algebra 1** Course# 40050000

Algebra I - Honors
Credit: 1.0; Weighted Grade: 9-10
PEIMS#: 03100500 Course#: 40320000
Prerequisite: None
Algebra 1 Honors is the same as Alg. I at a deeper level. Algebra 1 provides basic understandings in foundation concepts, algebraic thinking and symbolic reasoning, function concepts, relationship between equations and functions, tools for algebraic thinking and underlying mathematical processes. Algebra 1 concepts build around foundations for functions, linear functions, and quadratic and other nonlinear functions.
Students will take the Algebra I EOC at the end of this course.

Geometry

Credit: 1.0 Grade: 9- 10
PEIMS#: 03100700 Course#: 40080000
Prerequisite: Algebra I
Geometry provides basic understandings in foundation concepts for high school mathematics, geometric thinking and spatial reasoning, geometric figures and their properties, the relationship between geometry, other mathematics, and other disciplines, tools for geometric thinking, underlying mathematical processes. Geometric concepts are built around geometric structure, geometric patterns, dimensionality and the geometry of location, congruence and the geometry of size, and similarity and the geometry of shape.
***Geometry** Course# 40120000

Geometry – Honors

Credit: 1.0; Weighted Grade: 9- 10
PEIMS#: 03100700 Course#: 40330000
Prerequisite: Algebra I
Geometry provides basic understandings in foundation concepts for high school mathematics, geometric thinking and spatial reasoning, geometric figures and their properties, the relationship between geometry, other mathematics, and other disciplines, tools for geometric thinking, underlying mathematical processes. Geometric concepts are built around geometric structure, geometric patterns, dimensionality and the geometry of location, congruence and the geometry of size, and similarity and the geometry of shape.

Algebra 2

Credit: 1.0 Grade: 10-12
PEIMS#: 03100600 Course#: 40100000
Prerequisite: Algebra 1, Geometry
Algebra 2 provides basic understandings in foundation concepts for high school mathematics, algebraic thinking and symbolic reasoning, functions, equations and their relationship, and relationship between algebra and geometry, tools for algebraic thinking, and underlying mathematical processes. Algebra concepts are built around foundations for functions, algebra and geometry, quadratic and square root functions, rational functions, and exponential and logarithmic functions.
***Algebra 2** Course# 4005100

Algebra 2 – Honors

Credit: 1.0; Weighted Grade: 10-12
PEIMS#: 03100600 Course#: 40090000
Prerequisite: Algebra 1, Geometry
Algebra 2 provides basic understandings in foundation concepts for high school mathematics, algebraic thinking and symbolic reasoning, functions, equations and their relationship, and relationship between algebra and geometry, tools for algebraic thinking, and underlying mathematical processes. Algebra concepts are built around foundations for functions, algebra and geometry, quadratic and square root functions, rational functions, and exponential and logarithmic functions.

Pre-Calculus

Credit: 1.0 Grade: 11-12
PEIMS#: 03101100 Course#: 90230000
Prerequisite: Geometry, Algebra 2
Pre-Calculus students continue to build their understanding through other mathematical experiences. Students use symbolic reason analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Students use functions, equations, and limits as useful tools for expressing generalizations and as means for analyzing and understanding a broad variety of mathematical relationships. Students also use functions as well as symbolic reasoning to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations. Students use a variety of representations (concrete, numerical, algorithmic, and graphical), tools, and technology to model functions and equations and solve real-life problems.

College Preparatory Mathematics

Credit: 1.0 Grade: 12
PEIMS#: CP111200 Course#: 00300000
Prerequisite: See counselor for eligibility requirements
Recommended prerequisite: Algebra II
Mathematics Independent Study – College Prep Mathematics and College Prep Mathematics are designed to prepare students for entry level college mathematics, most typically, College Algebra. The course will focus on the mathematics topics of: elementary algebra; intermediate algebra and functions; geometry and measurement; data analysis, statistics, and probability. As part of the Texas Success Initiative (TSI), Texas law requires students entering college to meet readiness standards in reading and mathematics. Various assessments determine if a student needs reinforcement of specific skills. This course will help students to become college ready in mathematics.
Note: Although College Preparatory Mathematics is a state approved mathematics elective credit, most colleges and universities will not accept it for admission purposes.

Science

Science, 6

Grade 6
PEIMS#: 03060600 Course#: 30060000
Prerequisites: None
The primary focus is on physical science through the use of exploratory and hands-on activities that follow the 5E Model of instruction. The strands include Scientific Investigation and Reasoning, Matter and Energy, Force, Motion, and Energy, Earth and Space, and Organisms and Environments. Students conduct laboratory and field investigations at least 40 percent of the time.

Science, 7

Grade 7
PEIMS#: 03060700 Course#: 30070000
Prerequisites: 6th Grade Science
The primary focus is on organisms and the environment through the use of exploratory and hands-on activities that follow the 5E Model of instruction. The strands include Scientific Investigation and Reasoning, Matter and Energy, Force, Motion, and Energy, Earth and Space, and Organisms and Environments. Students conduct laboratory and field investigations at least 40 percent of the time.

Science, 8

Grade 8
PEIMS#: 03060800 Course#: 30080000
Prerequisites: 7th Grade Science
The primary focus is on earth and space science through the use of exploratory and hands-on activities that follow the 5E Model of instruction. The strands include Scientific Investigation and Reasoning, Matter and Energy, Force, Motion, and Energy, Earth and Space, and Organisms and Environments. Students conduct laboratory and field investigations at least 40 percent of the time.

Biology

Credit: 1.0 Grade: 9-10
PEIMS#: 03010200 Course#: 50050000
Prerequisite: None
Biology is a laboratory-oriented course in the structure and physiology of cells. A foundation is established in environmental, evolutionary, and physiological relationships between all living organisms, using investigations and physical mathematical and conceptual models. Students will learn that science has limitations and must be constantly modified based on new discoveries.
Students will take the Biology EOC at the end of this course.
***Biology** Course# 50100000

Biology - Honors

Credit: 1.0; Weighted Grade: 9-10
PEIMS#: 03010200 Course#: 50300000
Prerequisite: None
Biology Honors is designed to incorporate the Texas Essential Knowledge and Skills for Biology and to further prepare students to use higher level thinking skills with the ultimate goal of preparing them to advance their scientific experiences.
Students will take the Biology EOC at the end of this course.

Integrated Physics & Chemistry (IPC)

Credit: 1.0 Grade: 9-10
PEIMS#: 03060201 Course#: 50030000
Prerequisite: Biology
This course integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy transformation, properties of matter, changes in matter, and solution chemistry. Students will conduct a minimum of 40% laboratory activities.
***Integrated Physics & Chemistry (IPC)** Course# 50080000

Chemistry

Credit: 1.0 Grade: 10-11
PEIMS#: 03040000 Course#: 50070000
Prerequisite: Biology and Algebra 1
Chemistry 1 is the study of the structure, composition and behavior of matter. Some topics of study include atomic structure, formulas and equations, chemical reactions, properties of gasses and solutions, acids, bases and salts. Students need a strong math background to understand many of the concepts. It is a lab-oriented course, two labs per week that stresses several forms, measurement of chemical quantities, prediction of chemical phenomena and safe manipulation of chemical investigations.
***Chemistry** Course# 50270000

Chemistry - Honors

Credit: 1.0; Weighted Grade: 10-11
PEIMS#: 03040000 Course#: 50060000
Prerequisite: Biology and Algebra 1
Chemistry Honors is designed to incorporate the Texas Essential Knowledge and Skills for Chemistry and to further prepare students to use higher level thinking skills with the ultimate goal of preparing them to advance their scientific experiences.

Physics

Credit: 1.0 Grade: 11-12
PEIMS#: 03050000 Course#: 50090000
Prerequisite: Algebra 2 and Chemistry
Physics is the study of matter and energy and their interactions. Some topics of study are mechanics, light, sound, heat, electricity, magnetism and nuclear phenomena. Observation 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. Approximately two labs per week are preformed, emphasizing accurate observations and collection and analysis of data.

Physics - Honors

Credit: 1.0; Weighted Grade: 11-12
PEIMS#: 03050000 Course#: 50400000
Prerequisite: Algebra 2 and Chemistry
Physics Honors is designed to incorporate the Texas Essential Knowledge and Skills for Physics and to further prepare students to use higher level thinking skills with the ultimate goal of preparing them to advance their scientific experiences.

Anatomy and Physiology

Credit: 1.0 Grade: 12
PEIMS#:13020600 Course#: 31600000
Prerequisite: 1 unit of science; 3 units of mathematics
In Anatomy and Physiology students 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 study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. (Designed for 4th science credit)

Social Studies

Social Studies, 6

Grade 6

PEIMS#: 02660060 Course#: 80060000

Prerequisites: None

This course includes the study of people and places of the contemporary world using a regional thematic approach. Primary and secondary source materials, reading and writing skills, technology, and critical thinking will be used to acquire and apply information.

Social Studies, 7

Grade 7

PEIMS#: 03343000 Course#: 40070000

Prerequisites: 7th Grade Social Studies

This course includes the study of Texas history from Native Americans to the present. Primary and secondary source materials, reading and writing skills, technology, and critical thinking will be used to acquire and apply information.

Social Studies, 8

Grade 8

PEIMS#: 03343100 Course#: 80080000

Prerequisites: 8th Grade Social Studies

This course includes the study of the history of the United States from the early colonial period through Reconstruction. Students will gain a deep conceptual understanding of how our nation was founded, the influence of our founding fathers and the founding documents. Primary and secondary source materials, reading and writing skills, technology, and critical thinking will be used to acquire and apply information.

World Geography Studies

Credit: 1.0 Grade: 9-11

PEIMS#: 03320100 Course#: 60060000

Prerequisite: None

Geography teaches students about the world in which they live. It focuses on the land, resources, and people. It helps students learn about major world regions and study the political, economic, and social developments of these regions. Geography also introduces important geographic themes—population distributions, transportation, and communication, development of nations, utilization of resources, impact of people on the environment, conflict and cooperation. Students learn how people adapt to and change the world around them. Special features and a variety of illustrations increase student's interest in learning geography. ***World Geography Studies** Course# 60170000

World Geography - Honors

Credit: 1.0; Weighted Grade: 9-11

PEIMS#: 03320100 Course#: 60580000

Prerequisite: None

This is the same class as World Geography Studies more in depth and with project-based learning. Geography teaches students about the world in which they live. It focuses on the land, resources, and people. It helps students learn about major world regions and study the political, economic, and social developments of these regions. Geography also introduces important geographic themes—population distributions, transportation, and communication, development of nations, utilization of resources, impact of people on the environment, conflict and cooperation. Students learn how people adapt to and change the world around them. Special features and a variety of illustrations increase student's interest in learning geography.

World History Studies

Credit: 1.0 Grade: 9- 11
PEIMS#: 03340400 Course#: 60040000
Prerequisite: None
This course presents a chronological narrative of World History from the earliest civilizations to the present. Within this framework, we will trace the development of civilizations in different parts of the world. The class is integrated by a number of themes that form the patterns of civilization. Among these themes are political change and economic development, the influence of geography on cultures, the growth of sciences and technology, and the effect of contact between cultures and creativity in the arts.
***World History Studies** Course# 60180000

World History - Honors

Credit: 1.0; Weighted Grade: 9-11
PEIMS#: 03340400 Course#: 60550000
Prerequisite: None
This is the same class as World History Studies more in depth and with project-based learning. This course presents a chronological narrative of World History from the earliest civilizations to the present. Within this framework, we will trace the development of civilizations in different
parts of the world. The class is integrated by a number of themes that form the patterns of civilization. Among these themes are political change and economic development, the influence of geography on cultures, the growth of sciences and technology, and the effect of contact between cultures and creativity in the arts.

United States History Studies Since 1877

Credit: 1.0 Grade: 10-11
PEIMS#: 03340100 Course#: 60020000
Prerequisite: None
This course provides students with a comprehensive history of the United States since 1865. It presents the past honestly and accurately. It describes the struggles and accomplishments of all Americans, including the many ethnic and minority groups who have valuable contributions to our nation's history. This course has two major goals. The first goal is to instruct and excite students about the nation's past. The second is to help students master those social studies skills vital to a real understanding of America's history.
*****Students will take the US History EOC at the end of this course.***
***United State History Studies** Course# 01320000

United States History Studies Since 1877 - Honors

Credit: 1.0; Weighted Grade: 9-11
PEIMS#: 03340100 Course#: 01090000
Prerequisite: None
This is the same class as United States History Studies more in depth and with project based learning. This course provides students with a comprehensive history of the United States since 1865. It presents the past honestly and accurately. It describes the struggles and accomplishments of all Americans, including the many ethnic and minority groups who have valuable contributions to our nation's history. This course has two major goals. The first goal is to instruct and excite students about the nation's past. The second is to help students master those social studies skills vital to a real understanding of America's history.

United States History Studies –Dual Credit

Credit: 1.0; Weighted | Grade: 9-11
PEIMS#: 03340100 | Course#: 01090000
Prerequisite: Meet college and university requirements

This course covers United States History. Themes to be developed include westward expansion and globalization, slavery, Native Americans, and religious and social changes. Topics will include western expansion, industrialization, immigration, imperialism, economic, political, and social developments, the wars of the 20th century and the changing status and conditions of women and minorities. An additional purpose of this course is to introduce students to the skills and practices of history.

The United States History Studies –Dual Credit course gives dual credit to students for both US History And History 1301/1302 through McClennon Community College. Students must have TSI test scores (or exemption documentation) prior to beginning college-level classes. The six hours of college credit is transferable to most Texas public universities as well as many private colleges. Cost is defined by college and subject to change. The student is encouraged to consult his/her college of intent regarding the college's policy for Dual Credit transfer.

United States Government

Credit: 0.5 | Grade: 12
PEIMS#: 03330100 | Course#: 60070000

Prerequisite: None
The study of government will give the student a comprehensive knowledge of the organization and operation of the American system of government. The student will study the foundations of the U.S. political system and the development of the U.S. governmental system. The course analyses the role of the individual and the political parties in decision making in civic affairs. Students will respect the self and dedication to the American way of life.

Economics/Free Enterprise

Credit: 0.5 | Grade: 12
PEIMS#: 03310300 | Course#: 60080000
Prerequisite: None
The course consists of a comprehensive study of the basic concepts, principles and practices of economics. The student will develop an understanding of the principles that underlie the United States free enterprise system. The student will learn about the operations of the United States economy and Personal Finance. The course also helps students develop an appreciation for the benefits of living in a nation that enjoys a free enterprise system. It also takes a serious look at economics and the environment.

Health Physical Education/ Equivalent

Physical Education
PEIMS#: 02530003 (6th Grade) Course#: 70060000 03823000 (7th Grade) 08160000 03823000 (8th Grade) 08162000 Prerequisites: None
Students will develop fitness knowledge and motor skills basic to efficient movement that promote healthy lifestyle choices and improve the quality of students' lives. Each student must complete a yearly fitness assessment identified as FITNESSGRAM®.

Boys Athletics
PEIMS#: 03823000 (7th Grade) Course# 08880000 03823000 (8th Grade) 80000000

Girls Athletics
PEIMS#: 03823000 (7th Grade) Course# 80040000 03823000 (8th Grade) 60050000 These UIL approved courses are for the serious student wishing to participate in a competitive environment. Technical aspects of the team sport will be taught along with philosophy, strategy, and sportsmanship. Students enrolled will be held to a high standard of academic performance as well as behavioral expectations.

Physical Education
Foundations of Personal Fitness
Credit: 0.5-1.0 Grade: 9-12 PEIMS#: PES00052 Course#: 31570000 Prerequisite: None
The student will participate in varied individual, dual and team recreational activities that could be continued throughout life. They will become familiar with the rules, knowledge, and skills basic to the different activities.

Girls Athletics
Credit: 0.5-1.0 Grade: 9-12 PEIMS#: PES00000 (**ATH 1G-YR1**) Course#: 31490000 PES00001 (**ATH 2G-YR2**) 31510000 PES00002 (**ATH 3G-YR3**) 31530000 PES00003 (**ATH 4G-YR4**) 31550000 Prerequisite: Coach Approval
Students will participate in interscholastic league sport such as volleyball, basketball, cross country, track, softball, golf, and tennis. They will gain knowledge on the rules and regulations of the sport in which they participate. They will gain skill to compete successfully in these sports as a team and constantly display good sportsmanship on and off the court throughout the season. This is an extra-curricular activity; therefore, the coach can establish rules of conduct that are more demanding than what the student handbook shows. These rules will be clearly published in the MISD Athletic Handbook.
(Basketball - Soccer - Volleyball - Track & Field)

Boys Athletics
Credit: 0.5-1.0 Grade: 9-12
PEIMS#: PES00000 (**ATH 1B-YR1**) Course#: 31480000 PES00001 (**ATH 2B-YR2**) 31500000 PES00002 (**ATH 3B-YR3**) 31520000 PES00003 (**ATH 4B-YR4**) 31540000 Prerequisite: Coach Approval
Students will participate in interscholastic league sport such as football, basketball, cross country, track, baseball, golf, and tennis. They will gain knowledge on the rules and regulations of the sport in which they participate. They will gain skill to compete successfully in these sports as a team and constantly display good sportsmanship on and off the court throughout the season. This is an extra-curricular activity; therefore, the coach can establish rules of conduct that are more demanding than what the student handbook shows. These rules will be clearly published in the MISD Athletic Handbook.
(Basketball - Football - Soccer - Track & Field)

Foreign Language

Intro to Spanish Grade: 7 – 8

PEIMS#: 03443000 Course#: 98520000
Prerequisite: None
This course introduces students to the Spanish language so that they can develop proficiency on a basic level. Language learning in this course will focus on understanding and learning to speak simple phrases, learning limited vocabulary and very basic grammatical structures. The course does not overlap with Spanish 1. All language skills will be practiced: listening, speaking, reading and writing. This course also introduces students to the Spanish-speaking cultures of Spain, Mexico, Central America, the Caribbean and South America. Students will learn similarities and differences in values, attitudes and actions as they investigate different cultures through a wide variety of resources (e.g., online resources, texts, videos). Students will also investigate specific topics related to cultural experiences (e.g., ecotourism in Costa Rica, indigenous cultures in Guatemala)

Spanish 1

Credit: 1.0 Grade: 8-11
PEIMS#: 03440100 Course#:10200000
Prerequisite: None
Spanish 1 will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading and limited writing. There are two main objectives to the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts.

Spanish 2

Credit: 1.0 Grade: 9-12
PEIMS#: 03440200 Course#: 10210000
Prerequisite: Spanish 1
Spanish 2 builds upon knowledge gained in Spanish 1.This course will also reinforce the skills learned in Spanish I: listening, speaking, reading and writing. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Acquisition of functional vocabulary is expected. Students will be exposed to the past tenses, future, conditional and subjunctive mood. Students will be expected to apply them in their writing and speaking.

Spanish 3

Credit: 1 Grade: 10-12
PEIMS#: 03440300 Course#: 10220000
Prerequisite: Spanish 2
This course builds upon knowledge gained in Spanish 1 & 2. The course is a continuation and recycling of knowledge acquired in Spanish 1 and Spanish 2, as well as an introduction to new vocabulary, structures and expressions. Students will be expected to expand their vocabulary range to include more sophisticated terms, use advanced language expressions, verb tenses and grammatical concepts such as the pluperfect and the

Spanish 4

Credit: 1 Grade: 11-12
PEIMS#: 03440400 Course#: 01600000
Prerequisite: Spanish III, or through test placement
Spanish IV Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The course strives not to overemphasize grammatical accuracy at the expense of communication and engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish.

Fine Arts

Band - Beginner Grade 6-7

PEIMS#: 03154130 Course#: 67660000

Beginning band focuses on developing instrument performance fundamentals and music literacy to prepare students for entrance into Concert Band in 7th grade. Students make an instrument selection based on an interview/placement process conducted by the band director, which happens in the spring semester of the student's 5th grade school year. The class concentrates on the development of note-reading skills, aural skills, rhythmic patterns, intonation, and tone production. Students are expected to provide their own instrument for use in class and at home. Student Instrument rental or instrument purchase is therefore required. Rehearsals outside the school day are required but are limited to a few times each semester. Students are also responsible for specific supplies throughout the year as outlined for each instrument.

Concert Band Grade 7-8

PEIMS#: 03154230 Course#: 88890000

Concert Bands are performing bands at middle school. The classes consist of 7th and 8th graders. Students are placed in one of the Concert Bands through audition and director recommendation. Activities include concerts, solos and ensembles, region band, and concert contests. Sectionals outside the school day are required but are limited to once a week.

Band

Credit: 1.0 Grade: 9-12

PEIMS#: 03150100(**MUSBAND YR 1**) Course#: 90320000

03150200(**MUSBAND YR 2**) 90330000

03150300(**MUSBAND YR 3**) 90340000

03150400(**MUSBAND YR 4**) 90350000

Prerequisite: 8th grade band, audition before the band director prior to admission

Band 1-4 is for high school students who enjoy performing music. Fine Arts credit is given and ½ unit of Physical Education equivalent credit may be earned for participation in the fall marching band. Students in Band 1-4 will have opportunities to develop citizenship skills and physical and mental discipline necessary for success in life. The Bulldog Band members will compete in UIL Marching, Medium Ensemble, Concert, and Sight-reading contest and may participate in the flag corp, the Auxiliary unit, solo-ensemble, and ATSSB/TMEA district contests.

Art, 6

Grade 6

PEIMS#: 03154110 Course#: 8701000

Prerequisites: None

This course is an introduction to basic art vocabulary essential for the well-rounded child. Students will explore various styles of drawing, sculpture and digital media. Students are exposed to art history and cross-curricular links to core disciplines. This course teaches how to draw and how to render spatial relationships, light, texture and forms. Topics covered in class include rendering objects, light sources, drawing media, illusion of space, introduction to figure drawing, expressive qualities, painting techniques, and more. Subject matter may vary from still life, landscape, human figure drawing, and fantasy to abstract. A wide variety of drawing and painting media will be practiced.

Art, 7

Grade 7

PEIMS#: 03154210 Course#: 52000000

Prerequisites: None

This course is an introduction to basic art vocabulary essential for the well-rounded child. Students will explore various styles of drawing, sculpture and digital media. Students are exposed to art history and cross-curricular links to core disciplines. This course teaches how to draw and how to render spatial relationships, light, texture and forms. Topics covered in class include rendering objects, light sources, drawing media, illusion of space, introduction to figure drawing, expressive qualities, painting techniques, and more. Subject matter may vary from still life, landscape, human figure drawing, and fantasy to abstract. A wide variety of drawing and painting media will be practiced.

Art 1

Credit: 0.5-1.0 Grade: 8-12
PEIMS#: 03500100 Course#: 10100000
Prerequisite: None
Students will illustrate ideas for artwork from direct observation, experience, and imagination and compare and contrast the use of art elements and art principles in personal artworks and those of others, using vocabulary accurately. Students will express ideas through original artworks, using a variety of media with appropriate skill.
***Art 1** Course# 01170000

Art II

Credit: 0.5-1.0 Grade: 9-12
PEIMS#: 03500500 Course#: 10110000
Prerequisite: Art I
Students will interpret and organize multiple solutions between natural and man-made environments. Students will become familiar with different drawing styles and techniques by expanding on personal themes, applying design skills, and studying and analyzing artwork. There may be a cost associated with taking this course.
***Art II** Course# 01230000

Art III

Credit: 0.5-1.0 Grade: 10-12
PEIMS#: 03501300 Course#: 10120000
Prerequisite: Art II
Students will become familiar with different cultural drawing styles and apply a variety of drawing techniques. Students will apply design skills in creating their artwork. There may be a cost associated with taking this course.

Art IV

Credit: 0.5-1.0 Grade: 11-12
PEIMS#: 03502300 Course#: 10040000
Prerequisite: Art III
Students will use problem-solving techniques to create multiple solutions through imaginative thinking to artwork that demonstrates personal intent. Students will create work singularly and/or in a series using a variety of media in their area of concentration. There may be a cost associated with taking this course.

Middle School Dance, 6

Grade 6
PEIMS#: 03154120 Course#: 009810002

Prerequisite: None
In the middle school grades, students are introduced to the structure of a dance class, world dance, ballet, jazz/hip-hop, tap, and ballroom/social dances. Classes at this level focus on introductory/beginner level movement in each of the mentioned dance techniques. Basic dance vocabulary, performance skills, choreography, improvisation, dance history, and performance appreciation skills are introduced.

Middle School Dance, 7

Grade: 7
PEIMS#: 03154220 Course#: 009810003
Prerequisite: None
Presents a general overview and history of dance, while learning the basic elements of movement for jazz, tap, ballet, modern and world dance. The course is intended for those with little to no previous training. Students will be required to participate in performances and rehearsals throughout the year.

Dance I

Credit: 1.0 Grade: 9-12
PEIMS#: 03830100 Course#: 09800000

Principles of Dance I introduces the terminology and general principles of dance. Students perform beginning/intermediate movements in a variety of genres, study choreography, develop self-discipline, and participate in group routines/projects. In Principles of Dance II, students create expressive phrases, explore the role of dance in diverse cultures, and analyze performances. Principles of Dance III extends development in styles and concepts, with opportunities for students to conduct research into dance history and develop performance evaluation skills. In Principles of Dance IV, students will develop and assess their artistic growth, create, produce, and perform dance works, design costumes, and relate dance to culture and contemporary society. A class uniform is required for all these courses, and students are required to perform in recitals and shows. There may be a cost associated with taking a Dance course.

Dance II

Credit: 1.0 Grade: 10-12
PEIMS#: 3830200 Course#: 09810001
Prerequisite: Dance I

Instructional priorities of the high school dance program include development of dance techniques learned in Dance I, creative expression, improvisation, and appreciation of dance as an art form. Qualities of movement are also explored. These include swinging, percussion, suspension, sustained, collapsing, and vibrancy. Kinesthetic awareness and movement memory is emphasized as well. Dance techniques explored may include ballet, modern, jazz, tap, folk, character, and ethnic. As students' progress from Dance II to IV more advanced techniques and skills are acquired. Placement of students in Dance II-IV is determined by various criteria including a tryout.

CAREER AND TECHNOLOGY (PATHWAYS)

Agriculture, Food, and Natural Resources Career Cluster

The Agriculture, Food, and Natural Resources (AFNR) career cluster focuses on the essential elements of life, food, water, land, and air. This career cluster includes occupations ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.

Statewide Program of Study: Animal Science

The Animal Science program of study focuses on occupational and educational opportunities associated with the science, research, and business of animals and other living organisms. This program of study includes applying biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm or ranch, or any outdoor area harboring animal life. Students will research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animals.

Secondary Courses for High School Credit

Level 1	• Principles of Agriculture, Food, and Natural Resources
Level 2	• Small Animal Management • Equine Science
Level 3	• Livestock and Poultry Production
Level 4	• Advanced Animal Science • Practicum in Agriculture, Food, and Natural Resources • Career Preparation for Programs of Study

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Shadow an animal scientist in a biology lab to learn about applying science to understand animals and wildlife • Intern in a veterinary clinic, caring for animals and wildlife being treated in the clinic
Expanded Learning Opportunities	• Participate in an FFA career, leadership, and speaking contest like an agriscience fair • Attend an agricultural industry seminar

Aligned Industry-Based Certifications

- AgriLife Veterinary Assistant Certificate
- Certified Veterinary Assistant, Level 1
- Elanco Fundamentals of Animal Science Certification
- Elanco Veterinary Medical Applications Certification
- Equine Management & Evaluation Certification
- Licensed Veterinary Technician
- Production Agriculture - Job Ready



Example Postsecondary Opportunities

Apprenticeships
- Reproduction Technician

Associate Degrees
- Biological and Physical Sciences
- Entomology

Bachelor's Degrees
- Animal Science
- Zoology/Animal Biology

Master's, Doctoral, and Professional Degrees
- Marine Sciences
- Biotechnology

Additional Stackable IBCs/License
- Veterinarian
- Certified Veterinary Technician

Example Aligned Occupations

Veterinary Assistants and Laboratory Animal Caretakers

Median Wage: $33,581
Annual Openings: 1,953
10-Year Growth: 24%

Veterinary Technologists and Technicians

Median Wage: $35,698
Annual Openings: 1,820
10-Year Growth: 24%

Veterinarians

Median Wage: $125,030
Annual Openings: 435
10-Year Growth: 26%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024

For more information visit: https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/afnr-animal-science-extended.pdf

Successful completion of the Animal Science program of study will fulfill requirements of a Business and Industry endorsement.

Texas Education Agency

Animal Science

Agriculture, Food, and Natural Resources Career Cluster

Statewide Program of Study: Animal Science

Course Information

Level 1

Course	Prerequisites | Corequisites	Career Clusters
Principles of Agriculture, Food, and Natural Resources* 13000200 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 2

Course	Prerequisites | Corequisites	Career Clusters
Small Animal Management 13000400 (0.5 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Principles of Agriculture, Food, and Natural Resources **Recommended Corequisites:** None	
Equine Science 13000500 (0.5 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Principles of Agriculture, Food, and Natural Resources **Recommended Corequisites:** None	

Level 3

Course	Prerequisites | Corequisites	Career Clusters
Livestock and Poultry Production 13000300 (1 credit)	**Prerequisites:** At least one course from the Agriculture, Food, and Natural Resources career cluster **Corequisites:** None **Recommended Prerequisites:** Principles of Agriculture, Food, and Natural Resources **Recommended Corequisites:** None	
Livestock and Poultry Production + Agricultural Laboratory and Field Experience 13000310 (2 credits)	**Prerequisites:** At least one course from the Agriculture, Food, and Natural Resources career cluster **Corequisites:** None **Recommended Prerequisites:** Principles of Agriculture, Food, and Natural Resources **Recommended Corequisites:** None	

** Indicates course is included in more than one program of study in this career cluster.*

For additional information on the **Agriculture, Food, and Natural Resources** career cluster, contact cte@tea.texas.gov or visit https://tea.texas.gov/cte

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Agriculture, Food, and Natural Resources Career Cluster

Statewide Program of Study: Animal Science

Course Information

Level 4

Course	Prerequisites | Corequisites	Career Clusters
Advanced Animal Science 13000700 (1 credit)	**Prerequisites:** Biology and chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock and Poultry Production **Corequisites:** None **Recommended Prerequisites:** Veterinary Science **Recommended Corequisites:** None	
Practicum in Agriculture, Food, and Natural Resources* First Time Taken: 13002500 (2 credits) Second Time Taken: 13002510 (2 credits)	**Prerequisites:** A minimum of two credits with at least one course in a Level 2 or higher course from the Agriculture, Food, and Natural Resources career cluster **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	
Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits)	**Prerequisites**: At least one Level 2 or higher CTE course **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

** Indicates course is included in more than one program of study in this career cluster.*

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Architecture and Construction Career Cluster

The Architecture and Construction career cluster focuses on designing, planning, managing, building, and maintaining the built environment. This career cluster includes occupations ranging from architect, carpenter, and construction manager to electrician, plumber, and heating, air conditioning, and refrigeration technician.

Statewide Program of Study: Construction Management and Inspection

The Construction Management and Inspection program of study focuses on occupational and educational opportunities associated with producing cost estimates for construction projects to support bidding on or determining the price of products or services. The program of study includes inspecting structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and other regulations.

Secondary Courses for High School Credit

Level 1	• Principles of Construction • Principles of Architecture
Level 2	• Construction Management I
Level 3	• Construction Management II
Level 4	• Practicum in Construction Management • Career Preparation for Programs of Study



Example Postsecondary Opportunities

Apprenticeships
- Building Inspector

Associate Degrees
- Construction Management
- Construction Engineering Technology
- Building/Property Maintenance
- Building/Construction Site Management

Bachelor's Degrees
- Construction Engineering Technology
- Construction Management
- Building/Property Maintenance

Master's, Doctoral, and Professional Degrees
- Construction Engineering Technology
- Construction Engineering
- Construction Management
- Project Management

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Shadow a construction manager to learn how to lead a team and develop a budget • Participate in a pre-apprenticeship to clean and prepare construction sites by digging trenches and setting up scaffolding
Expanded Learning Opportunities	• Shadow a building inspector or cost estimator • Participate in SkillsUSA

Aligned Industry-Based Certifications

- Certified Associate in Project Management (CAPM)
- Construction Site Safety Technician
- Construction Technology Certification Level I
- Core
- HBI Pre-Apprenticeship Certificate Training (PACT), Building Construction Technology
- HBI Pre-Apprenticeship Certificate Training (PACT), Core
- LEED Green Associate
- Residential Plans Examiner - R3
- Weatherization Technician Level I

Example Aligned Occupations

Construction and Building Inspectors
Median Wage: $61,505
Annual Openings: 1,812
10-Year Growth: 9%

First-Line Supervisors of Construction Trades and Extraction Workers
Median Wage: $67,645
Annual Openings: 9,193
10-Year Growth: 23%

Construction Managers
Median Wage: $98,294
Annual Openings: 5,403
10-Year Growth: 24%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

Successful completion of the Construction Management and Inspection program of study will fulfill requirements of the Business and Industry endorsement.

For more information visit: https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/ac-construction-management-extended.pdf

Texas Education Agency

Construction Management and Inspection

Architecture and Construction Career Cluster

Statewide Program of Study: Construction Management and Inspection

Course Information

Level 1

Course	Prerequisites | Corequisites	Career Clusters
Principles of Construction* 13004220 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 2

Course	Prerequisites | Corequisites	Career Clusters
Construction Management I 13004900 (2 credits)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Algebra I, Geometry, and Principles of Architecture, or Principles of Construction **Recommended Corequisites:** None	

Level 3

Course	Prerequisites | Corequisites	Career Clusters
Construction Management II 13005000 (2 credits)	**Prerequisites:** Construction Management I **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 4

Course	Prerequisites | Corequisites	Career Clusters
Practicum in Construction Management First Time Taken: 13006200 (2 credits) Second Time Taken: 13006210 (2 credits)	**Prerequisites:** Construction Management II **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	
Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits)	**Prerequisites:** At least one Level 2 or higher CTE course **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

For additional information on the **Architecture and Construction** career cluster, contact cte@tea.texas.gov or visit https://tea.texas.gov/cte

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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. This career cluster includes occupations ranging from community health workers to cosmetologists and nutritionists.

Regional Program of Study: Cosmetology and Personal Care Services

Approved in ESC Regions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, & 20

The list of approved ESC regions is updated every school year. Be sure to check the CTE regional program of study website for updates.

The Cosmetology and Personal Care Services regional program of study focuses on occupational and educational opportunities associated with providing beauty and personal care services. This program of study includes managing personal care facilities and coordinating or supervising personal service workers.

Secondary Courses for High School Credit

Level 1	• Principles of Cosmetology Design and Color Theory
Level 2	• Introduction to Cosmetology
Level 3	• Cosmetology I • Barbering I
Level 4	• Cosmetology II • Barbering II



Example Postsecondary Opportunities

Apprenticeships
- Apprentice Stylist

Associate Degrees
- Cosmetology Operator
- Esthetics and Skin Care

Additional Stackable IBCs/License
- Class A Barber
- Eyelash Extension Specialist
- Hair Weaving Specialist

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Work part-time in a salon, spa, or barbershop • Participate in an apprenticeship at a salon to become an apprentice stylist
Expanded Learning Opportunities	• Tour a salon, spa, or barbershop • Participate in SkillsUSA

Aligned Industry-Based Certifications

- Class A Barber
- Cosmetology Operator
- Esthetician
- Esthetician/Hair Weaving
- Esthetician/Manicurist
- Eyelash Extension Specialist
- Hair Weaving Specialist
- Manicurist

Example Aligned Occupations

Hairdressers, Hairstylists, and Cosmetologists
Median Wage: $29,272
Annual Openings: 8,385
10-Year Growth: 25%

Skincare Specialists
Median Wage: $35,572
Annual Openings: 1,233
10-Year Growth: 38%

First-Line Supervisors of Personal Service Workers
Median Wage: $42,027
Annual Openings: 2,614
10-Year Growth: 29%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit: https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/hs-cosmetology-and-personal-care-services-extendedpptx.pdf

Successful completion of the Cosmetology and Personal Care Services regional program of study will fulfill requirements of the Public Service endorsement.

Texas Education Agency

Cosmetology and Personal Care Services

Human Services Career Cluster

Regional Program of Study: Cosmetology and Personal Care Services

Course Information

Level 1

Course	Prerequisites | Corequisites	Career Clusters
Principles of Cosmetology Design and Color Theory 13025050 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Principles of Human Services **Recommended Corequisites:** None	

Level 2

Course	Prerequisites | Corequisites	Career Clusters
Introduction to Cosmetology 13025100 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 3

Course	Prerequisites | Corequisites	Career Clusters
Cosmetology I 13025200 (2 credits)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Introduction to Cosmetology **Recommended Corequisites:** Cosmetology I Lab	
Barbering I N1302534 (3 credits)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 4

Course	Prerequisites | Corequisites	Career Clusters
Cosmetology II 13025300 (2 credits)	**Prerequisites:** Cosmetology I **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** Cosmetology II Lab	
Barbering II N1302535 (3 credits)	**Prerequisites:** Barbering I **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

** Indicates course is included in more than one program of study in this career cluster.*

For additional information on the **Human Services** career cluster,
contact cte@tea.texas.gov or visit https://tea.texas.gov/cte

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Health Science Career Cluster

The Health Science career cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. This career cluster includes occupations ranging from medical assistant, registered nurse, and physical therapist to forensic science technician and athletic trainer.

Statewide Program of Study: Exercise Science, Wellness, and Restoration

The Exercise Science, Wellness, and Restoration program of study focuses on occupational and educational opportunities associated with assisting patients with maintaining physical, mental, and emotional health. This program of study includes researching diet and exercise needed to maintain a healthy, balanced lifestyle and exploring techniques to help patients recover from injury, illness, or disease.

Secondary Courses for High School Credit

Level 1	• Principles of Exercise Science and Wellness
Level 2	• Kinesiology I
Level 3	• Kinesiology II • Anatomy and Physiology
Level 4	• Career Preparation for Programs of Study



Example Postsecondary Opportunities

Apprenticeships
- Medical Assistant

Associate Degrees
- Associate of Applied Science

Bachelor's Degrees
- Nutrition Sciences
- Exercise Physiology and Kinesiology

Master's, Doctoral, and Professional Degrees
- Exercise Science and Kinesiology
- Physical Therapy

Additional Stackable IBCs/License
- Physical Therapy Technician/Aide Certification

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Participate in an internship with a physical therapist, occupational therapist, or speech therapist • Shadow an athletic trainer from a local sports team
Expanded Learning Opportunities	• Participate in the Texas State Athletic Trainers Association • Participate in HOSA, SkillsUSA, or Future Coaches of Texas Association • Volunteer at a hospital or rehabilitation center

Aligned Industry-Based Certifications

- Certified Occupational Therapy Assistant
- Certified Personal Trainer
- Emergency Care Attendant (ECA)
- Emergency Medical Technician – Basic
- Medical Assistant
- Physical Therapy Technician Certification

Example Aligned Occupations

Exercise Trainers and Group Fitness Instructors

Median Wage: $38,847
Annual Openings: 6,767
10-Year Growth: 41%

Physical Therapist Assistants

Median Wage: $75,957
Annual Openings: 1,603
10-Year Growth: 44%

Athletic Trainers

Median Wage: $61,264
Annual Openings: 287
10-Year Growth: 13%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit: https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/hs-exercise-science-wellness-and-restoration-extended.pdf

Successful completion of the Exercise Science, Wellness, and Restoration program of study will fulfill requirements of the Public Services endorsement.

Texas Education Agency

Exercise Science, Wellness, and Restoration

Health Science Career Cluster

Statewide Program of Study: Exercise Science, Wellness, and Restoration

Course Information

Level 1

Course	Prerequisites | Corequisites	Career Clusters
Principles of Exercise Science and Wellness N1302107 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 2

Course	Prerequisites | Corequisites	Career Clusters
Kinesiology I N1302104 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 3

Course	Prerequisites | Corequisites	Career Clusters
Anatomy and Physiology 13020600 (1 credit)	**Prerequisites:** One credit in biology and one credit in chemistry, Integrated Physics and Chemistry (IPC), or physics **Corequisites:** None **Recommended Prerequisites:** A course from the Health Science career cluster **Recommended Corequisites:** None	
Kinesiology II N1302124 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Kinesiology I **Recommended Corequisites:** None	

Level 4

Course	Prerequisites | Corequisites	Career Clusters
Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

For additional information on the **Health Science** career cluster, contact cte@tea.texas.gov or visit https://tea.texas.gov/cte

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Manufacturing Career Cluster

Statewide Program of Study: Robotics and Automation Technology

Course Information

Level 1

Course	Prerequisites | Corequisites	Career Clusters
Principles of Applied Engineering* 13036200 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 2

Course	Prerequisites | Corequisites	Career Clusters
Robotics I 13037000 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Principles of Applied Engineering **Recommended Corequisites:** None	

Level 3

Course	Prerequisites | Corequisites	Career Clusters
Robotics II 13037050 (1 credit)	**Prerequisites:** Robotics I **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 4

Course	Prerequisites | Corequisites	Career Clusters
Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits)	**Prerequisites:** At least one Level 2 or higher CTE course **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

For additional information on the **Manufacturing** career cluster, contact cte@tea.texas.gov or visit https://tea.texas.gov/cte

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Manufacturing Career Cluster

Statewide Program of Study: Robotics and Automation Technology

Course Information

Level 1

Course	Prerequisites | Corequisites	Career Clusters
Principles of Applied Engineering* 13036200 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 2

Course	Prerequisites | Corequisites	Career Clusters
Robotics I 13037000 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Principles of Applied Engineering **Recommended Corequisites:** None	

Level 3

Course	Prerequisites | Corequisites	Career Clusters
Robotics II 13037050 (1 credit)	**Prerequisites:** Robotics I **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 4

Course	Prerequisites | Corequisites	Career Clusters
Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits)	**Prerequisites:** At least one Level 2 or higher CTE course **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

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Business, Marketing, and Finance Career Cluster

The Business, Marketing, and Finance career cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. This career cluster includes occupations ranging from business owner and entrepreneur to accountant, retail manager, and market analyst.

Statewide Program of Study: Marketing and Sales

The Marketing and Sales program of study focuses on occupational and educational opportunities associated with collecting information to estimate potential sales of a product or service and create campaigns to market or distribute goods and services. It includes applying data related to customer demographics, preferences, needs, and buying habits.

Secondary Courses for High School Credit

Level 1	• Principles of Business, Marketing, and Finance • Digital Media
Level 2	• Sports and Entertainment Marketing • Virtual Business
Level 3	• Sports and Entertainment Marketing II • Social Media Marketing
Level 4	• Practicum in Marketing • Career Preparation for Programs of Study



Example Postsecondary Opportunities

Associate Degrees
- Marketing/Marketing Management
- Retail Management

Bachelor's Degrees
- Business Administration
- Marketing/Marketing Management
- Fashion Merchandising

Master's, Doctoral, and Professional Degrees
- Business Administration
- Applied Economics
- Business Analytics

Additional Stackable IBCs/License
- Salesforce
- Service Contract Providers

Example Aligned Occupations

Sales Representatives of Services
Median Wage: $60,701
Annual Openings: 13,938
10-Year Growth: 15%

Market Research Analysts
Median Wage: $64,690
Annual Openings: 6,676
10-Year Growth: 35%

Sales Managers
Median Wage: $127,559
Annual Openings: 7,702
10-Year Growth: 21%

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Intern at a marketing and advertising company • Job shadow a pharmaceutical sales representative • Intern at a local retail company
Expanded Learning Opportunities	• Job shadow an account representative at a marketing firm • Participate in BPA, DECA, FBLA, Young Billionaires Club, or related UIL events

Aligned Industry-Based Certifications

- Business of Retail: Certified Specialist
- Certified Insurance Service Representative
- Content Creation & Marketing Using Adobe Express
- Customer Service and Sales: Certified Specialist
- Entrepreneurship and Small Business
- General Lines – Life, Accident, Health and HMO License
- Public Insurance Adjuster License
- Life Only Agent
- Limited Lines License
- Managing General Agent
- Meta Certified Digital Marketing Associate
- Online Marketing Certified Associate (OMCA)
- Personal Lines Property and Casualty Agent
- Real Estate Sales Agent License
- Retail Merchandising - Job Ready
- Surplus Lines License
- Texas Property and Casualty License

TEA Texas Education Agency

Successful completion of the Marketing and Sales program of study will fulfill requirements of the Business and Industry endorsement.

Data Source: TexasWages, Texas Workforce Commission. Retrieved3/8/2024.

For more information visit: https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/bmf-marketing-and-sales-extended.pdf

Marketing and Sales

Business, Marketing, and Finance Career Cluster

Statewide Program of Study: Marketing and Sales

Course Information

Level 1

Course	Prerequisites | Corequisites	Career Clusters
Principles of Business, Marketing, and Finance* 13011200 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 2

Course	Prerequisites | Corequisites	Career Clusters
Sports and Entertainment Marketing 13034600 (0.5 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Principles of Business, Marketing and Finance **Recommended Corequisites:** None	
Virtual Business 13012000 (0.5 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Touch System Data Entry **Recommended Corequisites:** None	

Level 3

Course	Prerequisites | Corequisites	Career Clusters
Sports and Entertainment Marketing II N1303422 (0.5 credit)	**Prerequisites:** Sports and Entertainment Marketing **Corequisites:** None **Recommended Prerequisites:** Principles of Business, Marketing, and Finance **Recommended Corequisites:** None	
Social Media Marketing 13034650 (0.5 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Principles of Business, Marketing, and Finance **Recommended Corequisites:** None	

Level 4

Course	Prerequisites | Corequisites	Career Clusters
Practicum in Marketing* First Time Taken: 13034800 (2 credits) Second Time Taken: 13034810 (2 credits)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Principles of Business, Marketing, and Finance **Recommended Corequisites:** None	
Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits)	**Prerequisites:** At least one Level 2 or higher CTE course **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

For additional information on the **Business, Marketing, and Finance** career cluster, contact cte@tea.texas.gov or visit https://tea.texas.gov/cte

Texas Education Agency

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Transportation, Distribution, and Logistics Career Cluster

The Transportation, Distribution, and Logistics career cluster focuses on planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes transportation infrastructure planning and management, logistics services, and mobile equipment and facility maintenance. This career cluster includes occupations ranging from automotive mechanic, avionics technician, and automotive entrepreneur to pilots and logistics planning professionals.

Statewide Program of Study: Automotive and Collision Repair

The Automotive and Collision Repair program of study focuses on the occupational and educational opportunities associated with servicing, repairing, and refinishing various types of vehicles. This program of study includes diagnosing and servicing vehicles and learning about processes, technologies, and materials used in reconstructing vehicles.

Secondary Courses for High School Credit

Level 1	• Principles of Transportation Systems
Level 2	• Automotive Basics
Level 3	• Automotive Technology I: Maintenance and Light Repair
Level 4	• Automotive Technology II: Automotive Service • Practicum in Transportation Systems • Career Preparation for Programs of Study

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	• Shadow an automotive technician at a car dealership • Intern at a rental car company and assist technicians with vehicle maintenance • Work at a local automotive repair shop and hold both customer service duties and automatic repair duties
Expanded Learning Opportunities	• Join a related automotive association and attend events • Participate in SkillsUSA

Aligned Industry-Based Certifications

- ASE Entry Level Automobile Maintenance and Light Repair (MR)
- ASE Entry-Level Automobile Automatic Transmission/ Transaxle (AT)
- ASE Entry-Level Automobile Brakes (BR)
- ASE Entry-Level Automobile Electronic/Electrical Systems (EE)
- ASE Entry-Level Automobile Engine Performance (EP)
- ASE Entry-Level Automobile Engine Repair (ER)
- ASE Entry-Level Automobile Heating and Air Conditioning (AC)
- ASE Entry-Level Automobile Manual Drive Train and Axles (MD)
- ASE Entry-Level Automobile Service Technology
- ASE Entry-Level Automobile Suspension and Steering (SS)
- ASE Entry-Level Collision Mechanical and Electrical Components (ME)
- ASE Entry-Level Collision Non-Structural Analysis and Damage Repair (SR)
- ASE Entry-Level Collision Painting and Refinishing (PR)
- ASE Entry-Level Collision Repair and Refinish Fundamentals
- ASE Entry-Level Collision Structural Analysis and Damage Repair
- ASE Entry-Level Inspection Maintenance & Minor



Example Postsecondary Opportunities

Apprenticeships
- Automotive Technician Apprenticeship

Associate Degrees
- Automobile/Automotive Mechanics Technology
- Autobody/Collision and Repair Technology

Bachelor's Degrees
- Autobody/Collision and Repair Technology
- Heavy Equipment Maintenance Technology

Additional Stackable IBCs/License
- Automobile and Light Truck Certification (A1 – A9)

Example Aligned Occupations

Automotive Service Technicians and Mechanics

Median Wage: $46,800
Annual Openings: 7,491
10-Year Growth: 10%

Bus and Truck Mechanics and Diesel Engine Specialists

Median Wage: $56,776
Annual Openings: 2,615
10-Year Growth: 19%

First-Line Supervisors of Mechanics, Installers, and Repairers

Median Wage: $70,554
Annual Openings: 6,556
10-Year Growth: 19%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.

For more information visit: https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/tdl-automotive-and-collision-repair-extendedpptx.pdf

Successful completion of the Automotive and Collision Repair program of study will fulfill requirements of the Business and Industry endorsement.

Automotive and Collision Repair

Transportation, Distribution, and Logistics Career Cluster

Statewide Program of Study: Automotive and Collision Repair

Course Information

Level 1

Course	Prerequisites | Corequisites	Career Clusters
Principles of Transportation Systems* 13039250 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 2

Course	Prerequisites | Corequisites	Career Clusters
Automotive Basics 13039550 (1 credit)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Level 3

Course	Prerequisites | Corequisites	Career Clusters
Automotive Technology I: Maintenance and Light Repair 13039600 (2 credits)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** Automotive Basics **Recommended Corequisites:** None	

Level 4

Course	Prerequisites | Corequisites	Career Clusters
Automotive Technology II: Automotive Service 13039700 (2 credits)	**Prerequisites:** Automotive Technology I: Maintenance and Light Repair **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	
Practicum in Transportation Systems* First Time Taken: 13040450 (2 credits) Second Time Taken: 13040460 (2 credits)	**Prerequisites:** None **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	
Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits)	**Prerequisites:** At least one Level 2 or higher CTE course **Corequisites:** None **Recommended Prerequisites:** None **Recommended Corequisites:** None	

Automotive and Collision Repair

For additional information on the **Transportation, Distribution, and Logistics** career cluster, contact cte@tea.texas.gov or visit https://tea.texas.gov/cte

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