

High School Course Guide

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HUMANITIES

What is Humanities?

Humanities is the study of aspects of human society and culture. In humanities courses at Trivium, we are able to bring together both the content of social studies and the skills of language arts into a culturally rich curriculum. Students will study how various groups have documented the human experience through primary documents, literature, religion, art, music, and language to obtain a globally connected view of humanity. A humanities course allows students the opportunity to develop a sense of connection to those who have come before us as well as the ability to understand and appreciate each other in the modern world. Because of the integrated nature of the humanities course, both the English and the social studies class must be on the same level.

English I and World History

Prerequisite: None

Credit: 2

Students will apply their knowledge of reading and writing processes through participation in an authentic reading and writing workshop. Students will encounter texts from classic to modern, and fiction to nonfiction, while learning to use close reading strategies to allow students to be analytical readers. Writing assignments will span genres from literary to expository to rhetorical. To engage students and provide more autonomy in the classroom, they have the right to make choices about their reading and writing while still being exposed variety of texts and genres. Latin roots are intentionally integrated into the curriculum so that students continue their deeper understanding of language and cross curricular vocabulary. Students will participate in experiences such as Socratic seminars, presentations, and debates. These activities are designed to emphasize critical thinking and oracy skills to equip students for success beyond the classroom.

This course requires an End of Course Exam for English I.

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 examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. 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.

Honors English I and AP World History

Prerequisite: Test Scores and Teacher Recommendation

Credit: 2

Students will engage in learning all the TEKS of an English I course while providing greater depth and challenge. Through an authentic reading and writing workshop, students will encounter challenging texts from classic to modern, and fiction to nonfiction, while applying close reading strategies to allow students to become independent analytical readers. Writing assignments will vary in rhetorical context in

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order to build higher level writing skills necessary for students to be successful in AP classes as well as collegiate level courses. To engage students and provide more autonomy in the classroom, they have the right to make choices about their reading and writing while still being exposed variety of genres. Latin roots are intentionally integrated into the curriculum so that students continue their deeper understanding of language and cross curricular vocabulary. Students will participate in experiences such as Socratic seminars, presentations, and debates. These activities are designed to emphasize critical thinking and oracy skills to equip students for success beyond the classroom.
This course requires an End of Course Exam for English I.

AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.
There is a fee associated with the AP World History exam.

English II and European History

Prerequisite: None
Credit: 2
Students enrolled in this course will continue to strengthen their skills in reading analysis and communication. Participating in a workshop format, students read and write on a daily basis. Students will engage in activities that build on skills previously taught. Students will analyze text, write in a variety of genres, research, collaborate, and speak publicly. This course focuses on European fiction and nonfiction. Students will read and write personal essays, opinions and editorials, credos, reflective self-evaluation, speeches, dramatic scripts, surveys, literary analysis, and research projects. Students will grow in both knowledge and confidence in their ability to communicate effectively in authentic situations.
This course requires an End of Course Exam for English II.

In European History, Students cultivate their understanding of European history through analyzing historical sources and learning to make connections as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.

Honors English II and AP European History

Prerequisite: None
Credit: 2
Students will engage in learning all the TEKS of an English II course while providing greater depth and challenge. Through an authentic reading and writing workshop, students will encounter challenging texts from classic to modern, and fiction to nonfiction, while applying close reading strategies to allow students to become independent analytical readers. Writing assignments will vary in rhetorical context in order to build higher level writing skills necessary for students to be successful in AP classes as well as collegiate level courses. To engage students and provide more autonomy in the classroom, they have the right to make choices about their reading and writing while still being exposed variety of genres. Latin

roots are intentionally integrated into the curriculum so that students continue their deeper understanding of language and cross curricular vocabulary. Students will participate in experiences such as Socratic seminars, presentations, and debates. These activities are designed to emphasize critical thinking and oracy skills to equip students for success beyond the classroom.
This course requires an End of Course Exam for English II.

AP European History is an introductory college-level European history course. In AP European History, students investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students develop and use the same skills 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. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovations.
There is a fee associated with the AP European History exam.

English III and United States History from 1877

Prerequisite: Successful Completion of English I and II and Two Social Studies Credits
Credit: 2
Students enrolled in this course will continue to strengthen their skills in reading analysis and communication. Participating in a workshop format, students read and write on a daily basis. Students will engage in activities that build on skills previously taught. Students will analyze text, write in a variety of genres, research, collaborate, and speak publicly. This course focuses on American fiction and nonfiction. Students will read and/or write personal essays, opinions and editorials, credos, reflective self-evaluation, speeches, dramatic scripts, surveys, literary analysis, and research projects. Students will grow in both knowledge and confidence in their ability to communicate effectively in authentic situations.

United States History covers the period after Reconstruction to the present. This course will include the introduction of the United States as a world power, the economic development and growth of the United States, and the social and cultural development of the United States. The course content is based on the founding documents of the U.S. government, which provide a framework for its heritage. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic process. Students describe the relationship between the arts and popular culture and the times during which they were created. Students analyze the impact of technological innovations on American life. 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 Exam for US History.

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AP Literature and Composition and AP United States History

Prerequisite: Successful Completion of English I and II and Two Social Studies Credits, Test Scores, and Teacher Recommendation

Credit: 2

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in 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, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Students signing up for this course should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.

There is a fee associated with the AP Literature and Composition exam.

AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.

There is a fee associated with the AP United States History exam.

English IV (1), Economics (.5), and Government (.5)

Prerequisite: Successful Completion of English I, II, and III

Credit: 2

English IV concentrates on the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy. As skills and knowledge are obtained in each of the seven strands, students will continue to apply earlier standards with greater depth to increasingly complex texts in multiple genres as they become self-directed, critical learners who work collaboratively while continuously using metacognitive skills.

Economics with Emphasis on the Free Enterprise System and Its Benefits focuses on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Types of business ownership and market structures are discussed. The course also incorporates instruction in personal financial literacy. Students apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues.

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United States 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 learn 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. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems. Students identify the role of government in the U.S. free enterprise system and examine the strategic importance of places to the United States. Students analyze the impact of individuals, political parties, interest groups, and the media on the American political system, evaluate the importance of voluntary individual participation in a constitutional republic, and analyze the rights guaranteed by the U.S. Constitution. Students examine the relationship between governmental policies and the culture of the United States. Students identify examples of government policies that encourage scientific research and use critical-thinking skills to create a product on a contemporary government issue

OnRamps English IV: Rhetoric and Writing (Dual Enrollment with University of Texas)

Prerequisite: Successful Completion of Three Levels of High School English, Test Scores, and Teacher Recommendation

Credit: 1

This two-semester, six-credit writing intensive sequence features a fall RHE 306 Research & Writing course in argumentation that situates rhetoric as an art of civic discourse, followed by the spring semester RHE 309K Rhetoric of American Identity.

There is a fee associated with these two courses from UT.

Transferability

6 College Credits (3 per course)
UT Course Codes: RHE 306 + RHE 309K
TCCNs: ENGL 1301 + ENGL 1302

AP US Government and Politics (.5) and AP Macroeconomics (.5)

Prerequisite: Successful Completion of Three Social Studies Courses, Test Scores, and Teacher Recommendation

Credit: 1

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 will 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 behaviors. They will 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 will complete a political science research or applied civics project.

There is a fee associated with the AP US Government and Politics exam.

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AP Macroeconomics is a college-level course that introduces students to 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. AP Macroeconomics is equivalent to a one-semester introductory college course in economics.
There is a fee associated with the AP Macroeconomics exam.

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MATHEMATICS

Algebra I

Prerequisite: 8th Grade Math
Credit: 1
According to the TEKS, students in Algebra I will build on the knowledge and skills for mathematics in Grades 6-8, which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.
This course will require an End of Course Exam.

Honors Algebra I

Prerequisite: 8th Grade Math, Test Scores and Teacher Recommendation
Credit: 1
Honors Algebra 1 will participate in a more rigorous and in-depth curriculum that will include all the components of Algebra 1 while incorporating more critical thinking, problem solving, and a focus on high level application. Students should expect additional independent practice to facilitate a challenging pace and to prepare students for future AP courses.
This course will require an End of Course Exam.

Mathematical Models with Applications

Prerequisite: Successful Completion of Algebra I
Credit: 1
Mathematical Models with Applications provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. 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.

Geometry

Prerequisite: Successful Completion of Algebra I
Credit: 1
Students will build on their elementary and middle school foundation of shapes and measurements to extend their knowledge with a focus on problem solving, formal proof, logic, and applications around geometric properties and relationships. Honors Geometry covers topics addressed in the geometry TEKS including: deductive and inductive reasoning, lines and angles, triangles, polygons, circles, geometric

solids, quadrilaterals, and area in a more in depth study and application to real life scenarios. Students will explore concepts such as: coordinate and transformational geometry, logical arguments and constructions, proof and congruence, figures and their properties, similarity, and trigonometry. Because the readiness standards have a heavy emphasis on probability, these standards will be addressed in the curriculum to ensure student success in their post-secondary experience.

Honors Geometry

Prerequisite: Successful Completion of Algebra I, Test Scores, and Teacher Recommendation
Credit: 1

In Honors Geometry students will build on their elementary and middle school foundation of shapes and measurements to extend their knowledge with a focus on problem solving, formal proof, logic, and applications around geometric properties and relationships. Honors Geometry covers topics addressed in the geometry TEKS including: deductive and inductive reasoning, lines and angles, triangles, polygons, circles, geometric solids, quadrilaterals, and area in a more in depth study and application to real life scenarios. Students will explore concepts such as: coordinate and transformational geometry, logical arguments and constructions, proof and congruence, figures and their properties, similarity, and trigonometry. Because the readiness standards have a heavy emphasis on probability, these standards will be addressed in the curriculum to ensure student success in their post-secondary experience. Students should expect additional independent practice to facilitate a challenging pace and to prepare students for future AP courses.

Algebra II

Prerequisite: Successful Completion of Algebra I and Geometry
Credit: 1

In Algebra II, students will build on the knowledge and skills for mathematics in 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.

OnRamps College Algebra (Dual Enrollment with University of Texas)

Prerequisite: Successful Completion of Honors Algebra I and Honors Geometry, Test Scores, and Teacher Recommendation
Credit: 1

In the OnRamps College Algebra course, students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic. Students analyze data algebraically and with technology while developing their knowledge of properties of functions, matrices and systems of equations, and complex numbers. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. The pedagogy of the course, Inquiry-Based Learning, encourages students to take an active role in the construction of their learning. This learning will be accomplished by abstraction, generalization, problem solving, and modeling. There is the potential to earn three hours of college credit through successful completion of the OnRamps College Algebra course.

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There is a fee associated with this course from UT.

Transferability
3 College Credits
UT Course Code: M 301
TCCN: MATH 1314

Precalculus

Prerequisite: Successful Completion of Algebra I, Geometry, and Algebra II
Credit: 1
Precalculus is the preparation for calculus. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.

OnRamps Precalculus (Dual Enrollment with University of Texas)

Prerequisite: Successful Completion of Honors Algebra I, Honors Geometry, and OnRamps College Algebra; Test Scores; Teacher Recommendation
Credit: 1
The OnRamps Discovery Precalculus course offers a creative and connected approach. In Discovery Precalculus, students will deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so they can successfully work with the concepts in a rigorous university-level calculus course. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.
There is a fee associated with this course from UT.

Transferability
3 College Credits
UT Course Code: M 305G
TCCN: MATH 2312

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OnRamps Elementary Statistical Methods (Dual Enrollment with University of Texas)

Prerequisite: Successful Completion of Honors Algebra I and OnRamps College Algebra; Test Scores; Teacher Recommendation

Credit: 1

In this introductory statistics course, high school students have the opportunity to develop the quantitative reasoning skills and habits of mind necessary to use data science and mathematical thinking effectively across multiple disciplines. This course will hone relevant mathematical and critical thinking skills through scaffolded learning experiences and statistical methodologies. Students will learn the foundations of data science by engaging in hands-on analysis of real data, methods to extract key insights, and coding skills aligned to the expectations of higher education and today's workplace.

Students will experience interactive applications built into the high-quality curriculum designed by the faculty at the University of Texas at Austin (UT Austin), allowing them to discover a more intuitive understanding of concepts. Collaborative problem-solving will be used to strengthen mathematical connections while individual depth of understanding will be reflected in regular assessments. Students can earn three hours of UT Austin credit with feedback and assessment provided by UT Austin course staff.

There is a fee associated with this course from UT.

Transferability

3 College Credits

UT Course Code: SDS 301

TCCN: Math 1342

AP Calculus AB

Prerequisite: Successful Completion of Algebra I, Geometry, Algebra II, and Pre-Calculus

Credit: 1

AP Calculus AB is an introductory college-level calculus course that is the equivalent of a first semester college course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

There is a fee associated with the AP Calculus AB exam.

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SCIENCE

Biology

Prerequisite: None
Credit: 1
This Biology course is designed around the study of living things including the growth and function of various life systems. Students will conduct hands on lab and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students will explore a variety of topics including: 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. The cross-curricular integration of Latin roots will continue to provide students with a deeper understanding of academic vocabulary. Our outdoor community garden and green spaces will enrich student's science experience.
This course requires an End of Course Biology exam.

Honors Biology

Prerequisite: Test Scores and Teacher Recommendation
Credit: 1
Honors Biology students will participate in a more rigorous and in-depth study and observation of living organisms. This course will include all the components of Biology while incorporating more critical thinking, problem solving, and a focus on high level application. Honors Biology will include a variety of laboratory investigations as well as an emphasis on claim evidence reasoning in the form of written lab reports. The cross-curricular integration of Latin roots will continue to provide students with a deeper understanding of academic vocabulary. Students should expect additional independent practice to facilitate a challenging pace and to prepare students for future AP courses.
This course requires an End of Course Biology exam.

Integrated Physics and Chemistry (IPC)

Prerequisite: Successful Completion of Biology
Credit: 1
In Integrated Physics and Chemistry, students conduct laboratory and field investigations, use scientific practices during investigation, and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter. This course may only be taken by students who have not already completed chemistry and/or physics.

Chemistry

Prerequisite: Successful Completion of Algebra I and One HS Science Course
Credit: 1
In Chemistry, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution

chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

Honors Chemistry

Prerequisite: Successful Completion of Algebra I and One HS Science Course, Test Scores, and Teacher Recommendation

Credit: 1

In Honors Chemistry, students will participate in a more rigorous and in-depth study of a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will also conduct more in-depth laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students should expect additional independent practice to facilitate a challenging pace and to prepare students for future AP courses.

Honors Physics

Prerequisite: Successful Completion of Algebra I, Geometry, Biology, and Chemistry; Teacher Recommendation

Credit: 1

In Physics, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills.

Anatomy and Physiology

Prerequisite: Successful Completion of Biology and Chemistry or Physics

Credit: 1

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.

OnRamps Geoscience: Earth, Wind, and Fire (Dual Enrollment with University of Texas)

Prerequisite: Successful Completion of Biology and Chemistry; Teacher Recommendation

Credit: 1

Earth, Wind, and Fire is a course in geoscience literacy. It covers the fundamentals of how the Earth works, and how its various systems—the lithosphere, atmosphere, hydrosphere, and biosphere—interact to form the complex world in which we live. Geoscience is the study of the Earth. In this course, students will study the Earth as an integrated science, applying the fundamental principles of physics, chemistry, biology, and geosciences to explain Earth processes. Many of the most complex and interesting scientific problems of this century, such as energy resources, water supply, and climate

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change, require geologic thinking skills to solve. This class introduces students to the major areas in geoscience and helps them develop critical, creative, and geologic problem-solving skills, as applied to current scientific problems.
There is a fee associated with this course from UT.

Transferability
3 College Credits
UT Course Code: GEO 302E

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FINE ARTS

Art I

Prerequisite: None
Credit: 1
Art I is an introductory level, year-long, two-dimensional design course for the high school student. The curriculum focus is on creativity with perspective and shallow space design. Emphasis is placed on developing compositions using the elements and principles of design. The first semester is a study in black, white and gray scale primarily. The second semester is a color wheel study. Drawing, printmaking and painting with wet and dry media are introduced. Students learn how to research artists and study art history through a short research paper. Critiquing ones' own artwork as well as others is an important developmental skill.
Successful completion of this course will satisfy the Fine Arts requirement for graduation.

Art II: Ceramics

Prerequisite: Art I
Credit: 1
This course provides an introductory exposure to the history of ceramics and forming a beginning level experience in the use of clay as a fine art medium. This course provides a study in methods of sculpture as well as hand-built clay construction. Forming techniques, surface development, glazing, and kiln firing practices will be introduced. Both the functional and sculptural ceramic traditions will be explored. Students will explore three-dimensional design while developing both useful and sculptural forms. Creativity and quality craftsmanship are emphasized.

Art II: Drawing

Prerequisite: Art I
Credit: 1
Students learn basic skills and techniques for drawing from direct observation using subjects such as still life, landscape, and architecture. The depiction of form, light, and spatial depth is emphasized along with accurate proportion and scale. Research tools such as thumbnail sketches, quick studies, sketchbooks, and digital resources are used to develop ideas. Analysis of drawings, critiques and classroom discussions build vocabulary and enrich the students' understanding of drawing. Students enhance observational drawing skills and produce work from imagination in linear perspective through research and experimentation with technique and media. Students refine the use of black-and-white media, learn to use color media, and skillfully integrate content, concept and composition.

Art II: Painting

Prerequisite: Art I
Credit: 1
This course provides a foundation in the practices and materials associated with painting and prepares students to work in oil- and water-based media. Working from direct observation, students develop an understanding of formal concerns as well as paint manipulation to produce strong representational paintings. Students explore versatile processes for planning and developing a visual idea using oil and

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water-based media. They examine both traditional and contemporary applications while developing their ability to articulate artistic intent and developing their own ideas.

AP 2D Art and Design

Prerequisite: Art I and II
Credit: 1
Skills in a two-dimensional medium such as graphic design, photography, collage, printmaking, and others will be emphasized as you learn the principles of 2-D design. You'll create artwork that reflects your own ideas and skills and what you've learned by:

- Investigating the materials, processes, and ideas that artists and designers use
- Practicing, experimenting, and revising as you create your own work
- Communicating your ideas about works of art and design

A portfolio must be submitted to College Board in May as a requirement of this course. There is a fee associated with the portfolio submission.

Beginning Band

Prerequisite: None
Credit: 1
This is a performing group open to all students who have never played in a school band before. Students are not expected to have prior musical experience. Throughout the school year students will learn the basics of their instrument, music theory, and how to perform as a group. Practicing outside of class is required, and concert performances outside school hours are required as part of the curriculum and the TEKS (Texas Essential Knowledge and Skills). Most instruments will need to be rented or purchased through Music and Arts or from another vendor with director approval.
Successful completion of this course will satisfy the Fine Arts requirement for graduation.

Marching Band and Concert Band

Prerequisite: Audition
Credit: 1
Concert Band is the advanced band at Trivium Academy. Members are required to have a minimum of 1 year of experience in a school band. Students are placed in this band based on teacher recommendation. Students will continue to develop their musical skills as well as learn more advanced techniques and musical concepts. Concert Band will perform on all concerts after school and will also perform at scheduled contests (such as UIL or ATSSB) and select athletic games. The fall semester contains a marching band component. All concerts are required as part of the curriculum and the TEKS (Texas Essential Knowledge and Skills).
Successful completion of this course will satisfy the Fine Arts requirement for graduation. Students may receive .5 credit as a physical education substitution credit for fall semester for marching band.

Jazz Band Ensemble I, II, III, and IV

Prerequisite: Audition and Concurrent Enrollment in Band
Credit: 1
An instrumental performance class focusing on the study of American Jazz music with a focus on improvisation. Special emphasis will be given to learning about the history and styles of jazz. With the

exception of guitarists, bassists and pianists, students in this band are expected to be members of the Concert Band as well.
Successful completion of this course will satisfy the Fine Arts requirement for graduation.

Mixed Choir

Prerequisite: None
Credit: 1
This class is comprised of high school level mixed voices. Students enrolled in this course will learn and demonstrate advanced vocal pedagogy and choral techniques aligned with the TEKS (Texas Essential Knowledge Skills). Students enrolled in this course will be required to participate in one or more choral concerts throughout the school year.
Successful completion of this course will satisfy the Fine Arts requirement for graduation.

Vocal Ensemble I, II, III, and IV (Show Choir)

Prerequisite: Audition and Concurrent Enrollment in Choir Course
Credit: 1
This is an auditioned choral ensemble, open to middle school and high school grade level mixed voices. The ensemble will focus on pop/jazz/show style music as well as minor dance skills. A costume fee may be associated with membership. Students in this course can expect to perform individually and as a group in front of other classes and the public in shows, events, and/or contests.
Students may earn one physical education substitution credit for this course.

Dance I, II, III, and IV

Prerequisite: Try-out
Credit: 1
Students will participate in the active learning of fundamental dance skills such as jumps, turns, leaps, and kicks. Students engage in the training of basic dance skills, choreographic projects, video studies, and dance history. This course includes, but is not limited to, the study of jazz, tap, ballet, and contemporary. This course involves both anaerobic and aerobic activity. Appropriate attire will be required, including close-toe, rubber-sole footwear and dance shoes. Purchase of dance attire/uniform is the responsibility of the student. Students enrolled in Dance will participate in competition and must be able to commit to some morning and after school practices on occasion. Students in this class will also participate in performances at select athletic home games and other school events. Students gain membership through a try-out procedure held during the spring of the previous school year.
Successful completion of this course will qualify as either a Fine Arts *OR* a Physical Education credit.

Musical Theatre I

Prerequisite: None
Credit: 1
Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will also provide an

atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of musical theatre. Students will receive comprehensive and rigorous instruction so that they may make informed choices about the craft, college, and the profession. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and other aspects of a musical production. Students in this course can expect to perform individually and in groups in front of other classes and the public in shows, events, and/or contests.

Successful completion of this course will satisfy the Fine Arts requirement for graduation, or students may earn one physical education substitution credit for this course.

Theatre I, II, III, and IV

Prerequisite: None

Credit: 1

This course is designed for high school students who are interested in learning about theatre and performing for other students both in the class and in the school. A foundation of creative expression through acting and technical aspects of theatre is laid in this course. Historical and cultural relevance and critical evaluation and response are emphasized.

Successful completion of this course will satisfy the Fine Arts requirement for graduation.

Theatre Production I, II, III, and IV

Prerequisite: Previous Experience and Audition

Credit: 1

This course is designed for high school students who have already taken theatre in middle school or have performed either as an actor or technician in theatre productions. Students in this course can expect to perform in front of other classes and the public in shows, events, and/or contests either as an actor or technician. They will be invited to attend festivals and represent Trivium in competitions.

Successful completion of this course will satisfy the Fine Arts requirement for graduation.

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Physical Education

Athletics

Prerequisite: Try-out and Physical
Credit: 1
The following team sports may be offered in any given year depending upon student interest: volleyball, flag football, basketball, soccer, track, baseball, softball, cross country, tennis, and golf. The goal of the athletic program is to develop the whole person with an emphasis on utilizing good sportsmanship, being a team player, and developing the athletic skills necessary to be successful.
This course will satisfy the requirement for a physical education course.
A uniform/supply fee will be collected at the beginning of the year.

Lifetime Recreation and Outdoor Pursuits

Prerequisite: None
Credit: 1
Students enrolled in this course are expected to participate in sports that can be played individually and with a team. The goal is to develop an understanding of the importance of lifetime fitness activities and good sportsmanship. Students enrolled in any physical education class can experience moderate to high intensity workouts.
This course may only be taken once during high school and will satisfy the requirement for a physical education course.

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LANGUAGES OTHER THAN ENGLISH (LOTE)

Spanish I, II, and III

Prerequisite: Successful Completion of Previous Level
Credit: 1
The Spanish curriculum focuses on communication and cultures with increasing complexity each year. Students will learn to speak and write in Spanish, as well as understand spoken and written Spanish. Students will also learn about Hispanic cultures.
Successful completion of Spanish I and II will satisfy the foreign language requirement for graduation.

REQUIRED ELECTIVES

Professional Communications

Prerequisite: None
Credit: .5
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 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.
Successful completion of this course will satisfy the Speech requirement for graduation.

Health

Prerequisite: None
Credit: .5
In Health I, students develop skills that will help them become health-literate adults. Students gain a deeper understanding of the knowledge and behaviors they use to safeguard their health, particularly pertaining to health risks. Students are taught how to access accurate information they can use to promote health for themselves and others in areas such as fitness, nutrition, mental/emotional health, substance abuse, and interpersonal relationships including human sexuality. Students use problem solving, research, goal-setting, and communication skills to protect their own health and that of the community.
Successful completion of this course will satisfy the Health requirement for graduation.

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ELECTIVES

Computer Science I and II

Prerequisite: None
Credit: 1
This course is designed to introduce students to Computer Science and computer programming. Students will look at the history of computer programming, the history of computers, and pioneers in the field of programming. Students also will learn about early concepts and inventions crucial to the field of computer science (such as binary code). Students will evaluate programs, websites, games, and apps to understand design principles, effectiveness, and content. Students will examine changes in coding, video games, websites, and apps from early stages to today and learn about digital citizenship and what it means to be a digital citizen as a coder and user. Ethics and laws regarding copyright, fair use, trademark, and plagiarism will also be covered. Students explore various platforms and purposes for coding and, by the end of the course, be able to code to create games, apps, and websites.
This course will be offered through the Texas Virtual School Network (TxVSN).

Debate I, II, and III

Prerequisite: None
Credit: 1
The development of strong oracy skills is the focus of this course. Students will study different styles of debate focusing on the logical and critical thinking skills necessary to be successful. A variety of other speaking events will also be introduced. This course will require frequent presentations in class and a commitment to compete in one tournament a month which are often held on the weekend.
Successful completion of this course will satisfy the Speech requirement for graduation.

Oral Interpretation I, II, and III

Prerequisite: None
Credit: 1
Literature and its presentation are integral to understanding the cultural aspects of a society. Students in Oral Interpretation I will select, research, analyze, adapt, interpret, and perform literary texts as a communication art. Students focus on intellectual, emotional, sensory, and aesthetic levels of texts to attempt to capture the entirety of the author's work. Individual or group performances of literature will be presented and evaluated. This course will require frequent presentations in class and a commitment to compete in one tournament a month which are often held on the weekend.
Successful completion of this course will satisfy the Speech requirement for graduation.

Independent Study in Speech

Prerequisite: Debate I, II, and III or Oral Interpretation I, II, and III
Credit: 1
Communication skills are important in all aspects of life. Students who have mastered concepts and developed skills in introductory courses should be provided with opportunities to extend their knowledge and expand their skills in more advanced study. Independent Study in Speech provides opportunities for advanced students to plan, organize, produce, perform, and evaluate a project that

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enables them to develop advanced skills in communication, critical thinking, and problem solving. This course will require frequent presentations in class and a commitment to compete in one tournament a month which are often held on the weekend.

Yearbook I, II, and III

Prerequisite: Application and Teacher References
Credit: 1
This course focuses on layout, copy writing, composition, and photography skills necessary to produce a quality yearbook. Time outside of the school day may be required. The students in this course produce the school-wide yearbook available for sale.

Independent Study in Journalism

Prerequisite: Yearbook I, II, and III
Credit: 1
Students enrolled in Independent Study in Journalism write in a variety of forms for a variety of audiences and purposes. 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 Independent Study in Journalism will refine and enhance their journalistic skills while they plan, organize, and prepare the school-wide yearbook.

Personal Financial Literacy

Prerequisite: None
Credit: 1
The Personal Financial Literacy and Economics Course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and address financial challenges as these challenges occur over their lifetime. In addition, students are introduced to common economic and personal financial planning terms and concepts. As a result of learning objective concepts and integrating subjective information, students gain the ability to lead productive and financially self-sufficient lives.

Sociology

Prerequisite: None
Credit: .5
Sociology, an elective course, is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society. It is recommended that this course be taken prior to AP Psychology.

AP Psychology

Prerequisite: None
Credit: .5

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This course explores the ideas, theories, and methods of the scientific study of behavior and mental processes. Students will examine the concepts of psychology through reading and discussion and will analyze data from psychological research studies. Skills taught are: connecting psychological concepts and theories to real-life scenarios, understanding and interpreting data, and analyzing research studies in psychology.

There is a fee associated with the AP Psychology exam.

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CAREER AND TECHNICAL EDUCATION (CTE) ELECTIVES

Career and technical education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

*The **Arts, Audio/Video Technology, and Communications Career Cluster** focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content, including visual and performing arts and design, journalism, and entertainment services.*

Design and Multimedia Arts Program of Study

Graphic Design and Illustration I and II (Level 2 and 3)

Prerequisite: Art I Recommended; Successful Completion of GD&I I for GD&I II
Credit: 1
Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

Practicum: Graphic Design and Illustration (Level 4)

Prerequisite: Graphic Design and Illustration I and II
Credit: 2
In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

Commercial Photography I and II (Level 2 and 3)

Prerequisite: None for CP I; Successful Completion of CP I for CP II
Credit: 1
Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. In addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs.

Practicum: Commercial Photography (Level 4)

Prerequisite: Commercial Photography I and II
Credit: 2
In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

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Fashion Design I and II (Level 2 and 3)

Prerequisite: None for FD I; Successful Completion of FD I for FD II
Credit: 1
Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction.

Practicum: Entrepreneurship (Level 4)

Prerequisite: Two Credits in Design and Multimedia Arts Program of Study
Credit: 2
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.

*The **Business, Marketing, and Finance Career Cluster** teaches CTE learners how to plan, direct, and coordinate the administrative services and operations of an organization. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, and allocate the use of materials and human resources. This program of study will also introduce students to mathematical modeling tools and organizational evaluation methods.*

Business Management Program of Study

Principles of Business, Marketing, and Finance (Level 1)

Prerequisite: None
Credit: 1
In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

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Business Law (Level 2)

Prerequisite: None

Credit: 1

Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.

Human Resource Management (Level 3)

Prerequisite: None

Credit: .5

Human Resources Management is designed to familiarize students with the concepts related to human resource management, including legal requirements, recruitment, and employee selection methods, and employee development and evaluation. Students will also become familiar with compensation and benefits programs as well as workplace safety, employee-management relations, and the impact of global events on human resources management.

Global Business (Level 3)

Prerequisite: None

Credit: .5

Global Business is designed for students to analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management.

Practicum: Business Management (Level 4)

Prerequisite: Two Credits in Business Management Program of Study

Credit: 2

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of 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. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

Practicum: Entrepreneurship (Level 4)

Prerequisite: Two Credits in Business Management Program of Study

Credit: 2

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

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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.

Entrepreneurship Program of Study

Principles of Business, Marketing, and Finance (Level 1)

Prerequisite: None

Credit: 1

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

Entrepreneurship I (Level 2)

Prerequisite: None

Credit: 1

In Entrepreneurship, students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the capital required, the return on investment desired, and the potential for profit.

Entrepreneurship II (Level 3)

Prerequisite: Entrepreneurship I

Credit: 1

The purpose of the course is to prepare students with the knowledge and skills needed to become a successful entrepreneur within an innovative marketplace. The goal and outcome of the course is for students to have their business launched by the end of the course or have the tools necessary to launch and operate their business. Students are encouraged to work in close cooperation with local industry leaders, community members, and educators to develop ideas and objectives, complete a business model canvas, pitch to potential investors, register with governmental agencies, develop their brand identity, and participate in local chamber of commerce meetings and events. The recommended participants are students in the CTE Entrepreneurship program of study, students in grades 11-12, and those interested in starting a business.

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Practicum: Entrepreneurship (Level 4)

Prerequisite: Two Credits in Business Management Program of Study
Credit: 2

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.

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