HALLMARK ACADEMY COURSE OF STUDY 2024-2025

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Graduation Requirements

1. **Complete required Academic and Elective Courses.**

English: 40 credits (9,10,11,12)
Fine Arts/World Language/CTE: 10 credits of one area- World Language or Fine Arts or CTE.
Mathematics: 30 credits- Integrated Math I and Integrated Math II required. Math courses taken must advance sequentially.

- **Recommendations Approved by Sanger Unified School District**-Financial Math will suffice for one of the three required courses in mathematics.It cannot be used in place of Integrated I or Integrated II.

Physical Education: **20 credits**
P.E, Lifetime Fitness, Foundations of Personal Wealth.
Science: 30 credits: 3 years of lab science including 1 year of biological science & 1 year of Physical Science.
Social Science: 30 credits
Electives-70 credits
Total Credits-230 credits

2. **Cumulative 2.0 G.P.A**
3. **Pass Senior Exit Interview/Senior Portfolio**

Progress towards Graduation Requirement

**The following number of credits towards high school graduation will be the standard necessary for minimum achievement.*

	Fall (After 1st Semester)	**Spring (End of the Year)**
Freshman Year	30 Credits	60 Credits
Sophomore Year	90 Credits	120 Credits
Junior Year	150 Credits	170 Credits
Senior Year	200 Credits	230 Credits **(Required for Graduation)**

** A student that does not achieve the necessary number of credits by the end of each semester is not on track to graduate.*

***GPA Requirement:** Maintain an overall 2.0 G.P.A for all courses taken.
For further information and/or clarification, parents and students should contact their student's counselor or the assistant principal.

Four Year Course Sequence for Hallmark Academy Basic Graduation Requirements				
Subject & District Credit Requirement	**Grade 9**	**Grade 10**	**Grade 11**	**Grade 12**
English (40 credits)	English 9/ English Language Arts 9	English10/English Language Arts 10	American Literature/ English Language Arts 11	British Literature/ English Language Arts 12
Mathematics (30 credits)	Math I/ Algebra 1	Math II/ Geometry	Math III/ Adv. Algebra	Statistics Financial Math (Optional 4th year of math)
Social Studies (30 credits)		World History	US History	Economics Government
Science (30 credits)	Earth & Space Science/	Biology	Chemistry	Physics, Anatomy (Optional 4th year of science)
Physical Education (20 credits)	Physical Education	Physical Education		
World Language (10 credits) or **Fine Arts** (10 credits) or **CTE** (10 credits)	**Spanish I, Spanish II, Spanish III (Online)** **Art 1, Advanced Art** **ROP ART** **Piano, Choir, Jazz Band** ****See the Career Technology section of handbook for a list of CTE courses**			
Electives (70 credits)	Psychology, Sociology, Career Focus, Leadership, Academic Decathlon, Financial Literacy, Geography, Ethnic Studies. ****See the General Elective section of the course handbook for a list of Elective courses. CTE courses may also be counted towards elective credits.**			

Total Credits-230	In order to graduate from high school in four years, a student must meet the Hallmark Academy graduation requirements.

CSU and UC Freshman Admission Requirements

- First-time freshmen seeking admission have the same preparatory course requirements for admission to both the California State University (CSU) and the University of California (UC). The preparatory course admission requirements for both systems will be the completion of the following courses with a grade of "C" or better.

- The CSU & UC campuses will not consider test scores in admission selection, but could still be considered for other purposes such as course placement, scholarships and eligibility for the statewide admissions guarantee. The CSU will no longer use SAT/ACT test scores for admissions, please refer to the CSU campus you are applying to. ***Seniors choosing to take the SAT/ACT must take them by December of their senior year.** *Please be aware that other universities outside the CSU/UC system may require these tests.*

A-G SUBJECT REQUIREMENTS
(HALLMARK ACADEMY PROGRESSION)

Subject Requirement	*Grade 9*	*Grade 10*	*Grade 11*	*Grade 12*
A. HISTORY/SOCIAL SCIENCE (2 Years)		**1** World History World History, Culture & Geography (EDG)	**2** United States History (EDG) US History	**3** American Democracy (EDG) American Government (SEM)
B. ENGLISH (4 Years)	**1** English Language Arts 9 (EDG) English 9	**2** English Language Arts 10 (EDG) English 10	**3** English Language Arts 11 (EDG) American Literature	**4** English Language Arts 12 (EDG) British Literature
C. MATHEMATICS (3 Years)	**1** Mathematics 1 (EDG) Algebra 1	**2** Mathematics II (EDG) Geometry	**3** Mathematics III (EDG) Advanced Algebra	**4** **Recommended** Statistics (EDG)

D. LABORATORY SCIENCE (2 Years; 1 yr Life, 1 yr Physical	**1** Earth And Space Science (EDG)	**2** Biology (EDG) Biology	**3** **Recommended** Chemistry (EDG) Chemistry	**4** **Recommended** Physics (EDG) Physics Anatomy
E. LANGUAGE OTHER THAN ENGLISH (2 Years; must be same language)	**1** Spanish 1 (EDG)	**2** Spanish 2 (EDG)	**3** **Recommended** Spanish 3 (EDG)	
F. VISUAL & PERFORMING ARTS (1 Year)	**1** Art History (EDG) Art 1 (EDG) Visual Arts (EDG) Art 1	Advanced Art		
G. COLLEGE-PREP ELECTIVE (1 Year)	**1** See Area G: Elective course list			Economics (EDG) Economics (SEM)

Hallmark Academy A-G Approved Courses 2024-2025

AREA A: HISTORY AND SOCIAL SCIENCE

American Democracy (EDG)
American Government
Geography
Modern World History (EDG)
U.S. History
United States History (EDG)
World History
World Regional Geography (EDG)

AREA B: ENGLISH

English Language Arts 9 (EDG)
English Language Arts 10 (EDG)
English Language Arts 11 (EDG)
English Language Arts 12 (EDG)
English 9
English 10
American Literature
British Literature

AREA C: MATHEMATICS

Algebra I
Advanced Algebra
Geometry
Mathematics 1 (EDG)
Mathematics II (EDG)
Mathematics III (EDG)
Statistics (EDG)

AREA D: LABORATORY SCIENCE

Earth and Space Science (EDG)
Environmental Science (EDG)
Biology (EDG)
Biology
Chemistry (EDG)
Chemistry
Physics (EDG)
Anatomy

AREA E: WORLD LANGUAGE

Spanish I (EDG)
Spanish II (EDG)
Spanish III (EDG)

AREA F: VISUAL AND PERFORMING ARTS

Art 1
Art 1 (EDG)
Advanced Art
Art History (EDG)
Visual Arts (EDG)

AREA G: ELECTIVE COURSES

Agribusiness Systems (EDG)
Academic Decathlon
Animal Systems (EDG)
Banking Services and Careers (EDG)
Business Law (EDG)
Career Focus
Careers in Allied Health (EDG)
Construction Careers (EDG)
Economics
Economics (EDG)
Engineering and Design (EDG)
Engineering and Product Development (EDG)
Family and Community Services (EDG)
Financial Literacy
Food Products and Processing Systems (EDG)
Food Safety and Sanitation (EDG)
Fundamentals of computer systems (EDG)
Fundamentals of Digital Media (EDG)
Fundamentals of Programming (EDG)
Health Science Concepts (EDG)
Information and Communication Technology (EDG)
Intro to Ag, Food & Natural Resources (EDG)
Intro to Business & Finance (EDG)
Intro to Careers in Architecture & Construction (EDG)
Intro to Careers in Education and Training(EDG)
Intro to Careers in Finance (EDG)
Intro to Careers in the Health Sciences (EDG)
Intro to Consumer Services (EDG)
Intro to Human Growth and Development (EDG)
Intro to Human Services (EDG)
Intro to Information Tech Support (EDG)
Intro to Network Systems (EDG)
Intro to STEM (EDG)
Marketing for Tourism and Hospitality (EDG)
Medical Terminology (EDG)
Network System Design (EDG)
New Applications: Web Development (EDG)
Nursing Assistant (EDG)
Nursing: Unlimited Possibilities (EDG)
Personal Finance (EDG)
Pharmacy Technician (EDG)
Physicians, Pharmacists, Dentists, Veterinarians, and Other Doctors (EDG)
Plant Systems (EDG)
Power, Structural, and Technical Systems (EDG)
Psychology
Psychology (EDG)
Public Health: Discovering the Big Picture in Health Care (EDG)
Science and Mathematics in the Real World (EDG)
Scientific Discovery and Development (EDG)
Scientific Research (EDG)
Service Management for Hospitality&Tourism(EDG)
Small Business Entrepreneurship (EDG)
Sociology
Sociology (EDG)
STEM and Problem Solving (EDG)
Teaching and Training Careers (EDG)
Therapeutics: Restoring Wellness (EDG)

Hallmark Academy NCAA Approved Courses 2025-2026

AREA A: HISTORY AND SOCIAL SCIENCE

World History P
U.S. History
American Government P
Economics P
Geography
Ethnic Studies

AREA B: ENGLISH

English 9 P
English 10 P
American Literature P
British Literature P

AREA C: MATHEMATICS

Algebra 1 P
Geometry P
Advanced Algebra P

AREA D: LABORATORY SCIENCE

Human Anatomy & Physiology

Courses by Department

Independent Study:Online Courses

The online Edgenuity platform provides an online curriculum that aligns to the state standards and provides a flexible learning environment that gives students the opportunity to study at their own pace within their own schedule. Using Edgenuity as a delivery platform, high school students at Hallmark Academy are provided with a rigorous and challenging plethora of curriculum for students. Daily tutorial office hours, on site intervention opportunities and weekly check-ins make Hallmark Academy a viable option for students of all abilities. Courses in Core subject areas of English-Language Arts, Mathematics, Science and Social Studies are A-G compliant and will give our students the opportunity to attend CSU or UC systems. We also offer a suite of elective opportunities including CTE, and courses to complement student interests. If needed, students may also take additional courses as credit recovery or to accelerate their education journey. Students at Hallmark Academy may also take enrichment classes through local community colleges.

^Home-based Learning Courses

Hallmark Academy offers home-based learning courses. Parental involvement is a crucial component. In addition to basic supervision of student assignments, it is important that parents monitor their student's understanding of the concepts or events that are explored. Informal discussion can be a very effective tool for accomplishing this. Parents should be supervising student work, helping with finding research (researching), as well as checking and commenting on assignments. The more parents supervise and help, the better students will perform in their courses.

All students will be required to use Google Classroom, Canvas, and/or Edgenuity and their school-issued Ipad to access course assignments, utilize digital media, virtual labs, write essays, research various topics, and interpret readings through written responses to critical thinking questions. All assignments should reflect grade level quality in vocabulary, writing style, math & science, and presentation/organization. The teacher will provide rubrics for the grading of essays/assignments for home school based courses and rubrics for online courses are provided in the Edgenuity courses.

ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE ARTS 9

Online Course # [TA1060] (Grade 9, Meets A-G "B" requirement)

This freshman-year English course engages students in literary analysis and inferential evaluation of great texts both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students will read a range of classic texts including Homer's The Odyssey, Shakespeare's Romeo and Juliet, and Richard Connell's "The Most Dangerous Game." They will also study short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course.

ENGLISH LANGUAGE ARTS 10

Online Course # [TA1061] (Grade 10, Meets A-G "B" requirement)

Focused on application, this sophomore English course reinforces literary analysis and twenty-first century skills with superb pieces of literature and literary nonfiction, application e-resources, and educational interactives. Each thematic unit focuses on specific literary analysis skills and allows students to apply them to a range of genres and text structures. As these units meld modeling and application, they also expand on training in media literacy, twenty first century career skills, and the essentials of grammar

and vocabulary. Under the guidance of the eWriting software, students also compose descriptive, persuasive, expository, literary analysis, research, narrative, and compare-contrast essays.

ENGLISH LANGUAGE ARTS 11

Online Course # [TA1062] (Grade 11, Meets A-G “B” requirement)

This junior-year English course invites students to delve into American literature from early American Indian voices through contemporary works. Students engage in literary analysis and inferential evaluation of great texts as the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students master comprehension and literary analysis strategies. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.

ENGLISH LANGUAGE ARTS 12

Online Course # [TA1063] (Grade 12, Meets A-G “B” requirement)

This senior-level English course offers fascinating insight into British literary traditions spanning from Anglo-Saxon writing to the modern period. With interactive introductions and historical contexts, this full-year course connects philosophical, political, religious, ethical, and social influences of each time period to the works of many notable authors, including Chaucer, William Shakespeare, Queen Elizabeth I, Elizabeth Barrett Browning, and Virginia Woolf. Adding an extra dimension to the British literary experience, this course also exposes students to world literature, including works from India, Europe, China, and Spain.

^ENGLISH 9

Course # [22009] (Grade 9, Meets A-G “B” requirement)

Throughout the course, students will engage in literary analysis and inferential evaluation of both classic and contemporary texts. While critically reading fiction, poetry, drama, speeches, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to produce clear and coherent informative, argumentative, and narrative writing.

Students will complete four units of study within this two semester course. Each unit focuses on a specific theme and essential question. To explore the theme and essential question, students will read a variety of texts and text excerpts, culminating in an extended writing activity. Additionally, students will also study and analyze longer texts including, but not limited to John Steinbeck’s *Of Mice and Men* and Harper Lee’s *To Kill a Mockingbird*.

^ENGLISH 10

Course # [22010] (Grade 10, Meets A-G “B” requirement)

Throughout the course, students will engage in literary analysis and inferential evaluation of both classic and contemporary texts. While critically reading fiction, poetry, drama, speeches, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to produce clear and coherent informative, argumentative, and narrative writing.

Students will complete four units of study within this two semester course. Each unit focuses on a specific theme and essential question. To explore the theme and essential question, students will read a variety of texts and text excerpts, culminating in an extended writing activity. Additionally, students will also study and analyze longer texts including, but not limited to William Golding’s *Lord of the Flies* and Elie Wiesel’s *Night*.

^AMERICAN LITERATURE

Course # [20021] (Grade 11, Meets A-G “B” requirement)

Throughout the course, students will engage students in literary analysis and inferential evaluation of both classic and contemporary texts. While critically reading fiction, poetry, drama, speeches, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to produce clear and coherent informative, argumentative, and narrative writing.

Students will complete four units of study within this two semester course. Each unit focuses on a specific theme and essential question. To explore the theme and essential question, students will read a variety of texts and text excerpts, culminating in an extended writing activity. Additionally, students will also study and analyze longer texts including, but not limited to Arthur Miller’s *The Crucible* and F. Scott Fitzgerald’s *The Great Gatsby.*

^BRITISH LITERATURE

Course # [29019] (Grade 12, Meets A-G “B” requirement)

Throughout the course, students will engage in literary analysis and inferential evaluation of both classic and contemporary texts. While critically reading fiction, poetry, drama, speeches, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to produce clear and coherent informative, argumentative, and narrative writing.

Students will complete four units of study within this two semester course. Each unit focuses on a specific theme and essential question. To explore the theme and essential question, students will read a variety of texts and text excerpts, culminating in an extended writing activity. Additionally, students will also study and analyze longer texts including, but not limited to Jane Austen’s *Pride and Prejudice* and Joseph Conrad’s *Heart of Darkness.*

^ENGLISH ESSENTIALS

Course # (Grades 9-12)

English Essentials is designed to facilitate students' development of academic skills with an emphasis on increased reading comprehension and vocabulary acquisition. Students will be able to read and analyze complex text as well as write and research academically. Additionally, effective study skills, critical thinking strategies, and communication skills will be integrated throughout the course. Mastery of these skills will allow students to be successful throughout their high school careers. English Essentials' approach is to meet students where they are academically and give them a safe place to build the much-needed abilities for success. *Counts for elective credit only.

MATHEMATICS

MATHEMATICS I

Online Course # [TA1064] (Grade 9, Meets A-G "C" requirement)

The first in an integrated math series for high school, this course formalizes and extends middle school mathematics, deepening students' understanding of linear relationships. The course begins with a review of relationships between quantities, building from unit conversion to a study of expressions, equations, and inequalities. Students contrast linear and exponential relationships, including a study of sequences, as well as applications such as growth and decay. Students review one-, two-, and multi-step equations, formally reasoning about each step using properties of equality. Students extend this reasoning to systems of linear equations. Students use descriptive statistics to analyze data before turning their attention to transformations and the relationship between algebra and geometry on the coordinate plane.

MATHEMATICS II

Online Course #[TA1065] (Grade 10, Meets A-G "C" requirement)

This course begins with a brief exploration of radicals and polynomials before delving into quadratic expressions, equations, and functions, including a derivation of the quadratic formula. Students then embark on a deep study of the applications of probability and develop advanced reasoning skills with a study of similarity, congruence, and proofs of mathematical theorems. Students explore right triangles with an introduction to right triangle trigonometry before turning their attention into the geometry of circles and making informal arguments to derive formulas for the volumes of various solids.

MATHEMATICS III

Online Course # [TA1066] (Grade 11, Meets A-G “C” requirement)

This course synthesizes previous mathematical learning in four focused areas of instruction. First, students relate visual displays and summary statistics to various types of data and to probability distributions with a focus on drawing conclusions from the data. Then, students embark on an in-depth study of polynomial, rational, and radical functions, drawing on concepts of integers and number properties to understand polynomial operations and the combination of functions through operations. This section of instruction builds to the fundamental theorem of algebra. Students then expand the study of right-triangle trigonometry they began in Mathematics II to include non-right triangles and developing the laws of sines and cosines. Finally, students model an array of real world situations with all the types of functions they have studied, including work with logarithms to solve exponential equations. As they synthesize and generalize what they have learned about a variety of function families, students appreciate the usefulness and relevance of mathematics in the real world.

FINANCIAL MATH

Online Course #[TA1067] (Grade 11,12)

Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions.

STATISTICS

Online Course # [TA1068] (Grade 12, Meets A-G “C” requirement)

This fourth-year high school math option provides a comprehensive introduction to data analysis and statistics. Students begin by reviewing familiar data displays through a more sophisticated lens before diving into an in-depth study of the normal curve. They then study and apply simple linear regression and explore sampling and experimentation. Next, students review probability concepts and begin a study of random variables. Later topics also include sampling distributions, estimating and testing claims about proportions and means, and inferences and confidence intervals.

TRIGONOMETRY*

Online Course # [TA1069] (Grade 11, Meets A-G “C” requirement)

In this one-semester course, students use their geometry and algebra skills to begin their study of trigonometry. Students will be required to express understanding using qualitative, quantitative, algebraic, and graphing skills. This course begins with a quick overview of right-triangle relationships before introducing trigonometric functions and their applications. Students explore angles and radian measures, circular trigonometry, and the unit circle. Students extend their understanding to trigonometric graphs, including the effects of translations and the inverses of trigonometric functions. This leads to the laws of sines and cosines, followed by an in-depth exploration of trigonometric identities and applications. This course ends with an introduction to the polar coordinate system, complex numbers, and DeMoivre's theorem.

^ALGEBRA I

Course # [21012] (Grade 9,10,11, Meets A-G "C" requirement)

The fundamental purpose of the Algebra 1 course is to formalize and extend the mathematics that students learned in the middle grades. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, and Statistics and Probability. *(Common Core Standards for Mathematics)*

^GEOMETRY

Course # [21013] (Grade 10,11, Meets A-G "C" requirement)

The fundamental purpose of the Geometry course is to formalize and extend students' geometric experiences from the middle grades. This course includes standards from the conceptual categories of Geometry and Statistics and Probability. In this Geometry course, students explore more complex geometric situations and deepen their explanations of geometric relationships, presenting and hearing formal mathematical arguments. *(Common Core Standards for Mathematics)*

^ADVANCED ALGEBRA

Course # [21014] (Grade 11, 12 Meets A-G "C" requirement)

Advanced Algebra is intended to help students enrich their skills and develop more concepts beyond basic algebra as they prepare for higher level mathematic courses. This course is designed to help students apply the mathematics they learned in the classroom to real world situations, model mathematical situations, communicate mathematically, and use technology appropriately. Lessons that connect various areas of mathematics to algebra, geometry, statistics, and trigonometry will be studied. Students will study real numbers, operations, and patterns as they extend their understanding of algebraic concepts. They will work with matrices, complex numbers, logarithms, polynomial functions and their inverses, systems of equations and inequalities, transformations, mathematical models, and statistics.

^TRIGONOMETRY

Course # [21013] (Grade 11,12 Meets A-G "C" requirement)

This course contains an in-depth coverage of trigonometry, logarithms, analytic geometry, and upper-level algebraic concepts. The Saxon book covers all topics normally addressed in an advanced math book and precalculus book.

^MATH ENRICHMENT

Course # (Grades 9-12)

Mathematics Enrichment is a mathematics support course for Mathematics. The course provides students with additional time to build the foundations necessary for high school math courses, while concurrently having access to rigorous, grade-level appropriate courses. Mathematics Enrichment will also include foundational standards from the middle grades. *Counts for elective credit only.

SCIENCE

EARTH AND SPACE SCIENCE

Online Course # [TA1070] [24020] (Grade 9, Meets A-G “D” requirement)

Students enrolled in this dynamic course explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible and volatile forces that have shaped and changed our planet. As climate change and energy conservation become increasingly prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science is a two-semester course that provides a solid foundation for understanding the physical characteristics that make the planet Earth unique and examines how these characteristics differ among the planets of our solar system.

CONCEPTUAL PHYSICS

Online Course # [TA1134] (Grade 9, Meets A-G “D” requirement)

This full-year course focuses on basic concepts in chemistry and physics and encourages exploration of new discoveries in the field of physical science. The course includes an overview of scientific principles and procedures and has students examine the chemical building blocks of our physical world and the composition of matter. Additionally, students explore the properties that affect motion, forces, and energy on Earth. Building on these concepts, the course covers the properties of electricity and magnetism and the effects of these phenomena. As students refine and expand their understanding of physical science, they will apply their knowledge to complete interactive virtual labs that require them to ask questions and create hypotheses. Hands-on wet lab options are also available.

BIOLOGY

Online Course # [TA1071] (Grade 10, Meets A-G “D” requirement)

This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a yearlong course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology. This course includes both hands-on wet labs and virtual lab options.

CHEMISTRY

Online Course # [TA1072] (Grade 11,12, Meets A-G “D” requirement)

This rigorous, full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes eighteen virtual laboratory experiments that encourage higher-order thinking applications, with wet lab options if preferred. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.

PHYSICS

Online Course # [TA1074] (Grade 12, Meets A-G “D” requirement)

This full-year course acquaints students with topics in classical and modern physics. The course emphasizes conceptual understanding of basic physics principles, including Newtonian mechanics, energy, thermodynamics, waves, electricity, magnetism, and nuclear and modern physics. Throughout the course, students solve mathematical problems, reason abstractly, and learn to think critically about the physical world. The course also includes interactive virtual labs and hands-on lab options, in which students ask questions and create hypotheses.

ENVIRONMENTAL SCIENCE

Online Course # [TA1075] (Grade 9-12, Meets A-G “D” requirement)

Environmental science is a captivating and rapidly expanding field, and this two-semester course offers compelling lessons that cover many aspects of the field: ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy. Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas, providing them with opportunities for mastery in each of the segments throughout the semester.

^BIOLOGY

Course # [24011] (Grade 10, Meets A-G “D” requirement)

Biology is a 10 unit preparatory course. Topics covered include: Foundation of biology,

Cell biology, Genetics, Ecology, Plants, Vertebrates and Human Biology.

^CHEMISTRY

Course # [24012] (Grade 11, Meets A-G “D” requirement)

Chemistry is a 10 unit preparatory course. Topics covered include: Matter, Measurement and calculations, Atomic structure, The periodic law, Chemical compound and formula, Stoichiometry, Gasses, Liquids and solids, Acids and bases, Reactions, Chemical equilibrium, Nuclear chemistry, and Organic chemistry.

^PHYSICS

Course # [24013] (Grade 11, 12 Meets A-G “D” requirement)

Physics is the branch of science concerned with the nature and properties of matter and energy. In this course students will study the subject matter of physics, distinguished from that of chemistry and biology, including mechanics, heat, light and other radiation, sound, electricity, magnesium, and the structure of atoms. This course will contain various assignments, tests, discussions, and other digital content.

^ANATOMY

Course # [24019] (Grade 11, 12 Meets A-G “D” requirement)

The course is for those interested in science-related fields. Anatomy and physiology is a discussion and laboratory based study of the human body. The study will range from molecules, cells, body systems, and processes. Dissection of a mink and other appropriate organs will compliment the work. This course is designed for college preparation, especially for biology and health career majors.

SOCIAL STUDIES

AMERICAN DEMOCRACY

Online Course # [TA1129] (Grade 10, Meets A-G “A” requirement)

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. Social Studies 15 After a rigorous review of the Constitution and its amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy changes. Throughout the course, students examine primary

and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments and practice outlining and drafting skills by writing full informative and argumentative essays.

WORLD HISTORY, CULTURE, & GEOGRAPHY

Online Course # [TA1076] (Grade 10, Meets A-G “A” requirement)

This year long course examines the major events and turning points of world history from the Enlightenment to the present. Students investigate the foundational ideas that shaped the modern world in the Middle East, Africa, Europe, Asia, and the Americas, and then explore the economic, political, and social revolutions that have transformed human history. This rigorous study of modern history examines recurring themes, such as social history, democratic government, and the relationship between history and the arts, allowing students to draw connections between the past and the present, across cultures, and among multiple perspectives. Students use a variety of primary and secondary sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of historical evidence and to draw conclusions about historical events. Students also sharpen their writing skills in shorter tasks and assignments, and practice outlining and drafting skills by writing full informative and argumentative essays.

UNITED STATES HISTORY & GEOGRAPHY

Online Course # [TA1077] (Grade 11, Meets A-G “A” requirement)

This course surveys the history of the United States from the settlement of the New World to modern times. The course emphasizes themes such as national identity, economic transformation, immigration, politics, international relations, geography, and social and cultural change. Students learn to assess historical materials, weigh the evidence and interpretations presented in historical scholarship, and analyze and express historical understanding in writing.

ECONOMICS

Online Course # [TA1078] (Grade 12, Meets A-G “G” requirement)

Available as either a semester or a full year, this course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In

more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.

^WORLD HISTORY

Course # [23012] (Grade 10, Meets A-G “A” requirement)

World History is a year-long course that begins with an introduction to the ancient world and then examines the major events from ancient times to present day, taking an in-depth look at how global civilizations have shaped past societies and continue to affect society in the present day. Through primary sources, secondary sources, inquiry journals, and project based learning, students will make connections from the past to the present, experiencing history through multiple lenses.

^US HISTORY

Course # [23013] (Grade 11, Meets A-G “A” requirement)

U.S. History is a year-long course that begins with an introduction to the movements that were a catalyst for the inception of the United States in the 15th and 16th centuries. Students will then examine the major events that followed, concluding with historically significant events from the 21st century. Through primary sources, secondary sources, inquiry journals, and project based learning, students will make connections from the past to the present, experiencing history through multiple lenses. Students will learn about people who have impacted our country and/or the world today. They will learn and critically think about the impact of individuals, groups, and movements that contributed to the founding of our country, the fight for civil rights, and the discovery of new technology.

^AMERICAN GOVERNMENT

Course # [23014] (Grade 12, Meets A-G “C” requirement)

In the study of American Government, the student will research topics, analyze data, and produce assignments that reflect chronological and spatial thinking, research, evidence and point of view, and historical investigation that meet or exceed the California Common Core Standards. Students will be required to use Canvas and their school-issued Ipad to access assignments, write essays, research various topics, and interpret readings through written responses to critical thinking questions. All assignments should reflect grade level quality in vocabulary, writing style, and presentation. The teacher will provide rubrics for the grading of essays and projects.

^ECONOMICS*

Course # [23015] (Grade 12, Meets A-G “G” requirement)

Economics examines the way in which economics affects the lives of individuals and how individuals, through their economic choices, shape their world. Through the study of several recurrent economic themes, such as scarcity and choice, productivity, and the role of government, students will be asked to think critically about the events and processes that shape the global, national, and local economy. Students will improve interpretive and analytical reading skills, as well as develop their abilities in creative and expository writing, research, evaluation of primary and secondary sources, and increase their vocabulary.

WORLD LANGUAGES

SPANISH I

Online Course # [TA1079] (Grade 9, Meets A-G “E” requirement)

Students begin their introduction to high school Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.

SPANISH II

Online Course # [TA1080] (Grade 10, Meets A-G “E” requirement)

High school students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments.

SPANISH III

Online Course # [TA1081] (Grade 11, Meets A-G “E” requirement)

In this expanding engagement with Spanish, high school students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in Spanish and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.

VISUAL AND PERFORMING ARTS

ART 1

Online Course # [6002] (Grades 9-12)

Covering art appreciation and the beginning of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, Intro to Art provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology and principles of design, and two- and three-dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400.

^ART 1

Course # [21109] (Grade 9-12 Meets A-G “F” requirement)

This course covers the basic techniques students will find necessary for creating works of authentic art using pencil (semester 1) and markers (semester 2). Students will learn and practice techniques such as shading and blending, taking into consideration how light sources affect the visual representation of the subjects.

^ADVANCED ART

Course # [21110] (Grade 9-12, Meets A-G “F” requirement)

Through the study of the textbook, Understanding Art, students will increase their understanding and appreciation of art, enhanced by familiarity with three areas of art: the language of art (visual elements, principles of design, and style), the nature of media used in art, and the history of art. The study of this textbook is augmented by the use of the guided, hands-on workbook, Pastel Painting, through which the student will learn the basic techniques and procedures for pastel painting through creation of their own works of art.

ART HISTORY

Online Course # [TA1057] (Grades 9-12, Meets A-G “F” requirement)

Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenth-century art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth-and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas.

^ROP ART

Course # [21112] (Grade 9-12)

Throughout this course, students will explore the fundamentals of art and design with an emphasis on discovering how they can be applied to commercial art oriented works and projects.

^PIANO

Course # [26002] (Grade 9-12)

The major emphasis of this course is to develop student achievement through the development of basic skills in playing a keyboard instrument. The course provides opportunities to study music composed especially for keyboard instruments, develops an understanding of the historical significance of the keyboard instruments and their literature, and increases skills in reading musical notation. The student develops an awareness of the influence of personality, intelligence, talent, coordination, and discipline on the style of the individual musician. The course also provides opportunities for growth in the understanding of the elements of music. Opportunities to learn the standard repertory of music written for keyboard instruments are provided. The student is provided with opportunities to examine and study the fundamental arts components including, where applicable, the perceptual, creative, historical, and critical. Students are also given opportunities to accompany vocal and instrumental groups.

^CHOIR

Course # [26009] (Grade 9-12)

The major emphasis of this course is to develop student achievement through the study of more difficult choral music. Students develop the ability to sing with considerable skill, accuracy, and sensitivity. The course provides for improvement in vocal tone quality through breath support and ear training, for increased skill in sight singing, and for more highly developed aesthetic appreciation and critical judgment. The course also provides for increased skill in ensemble singing in small and large groups, and enlarges students' acquaintance with standard choral literature.

^ORCHESTRA

Course # [26004] (Grade 9-12)

The major emphasis of this course is to develop student achievement through the study of comparatively simple orchestra literature. The course extends the physical skills necessary to play simple music accurately and with good tone quality, increases skills in reading musical notation, and provides additional opportunities for growth in the understanding of musical elements. The course also provides opportunities to study and play the music of many geographical locations and historical periods. The course also provides opportunities for increasing skill in ensemble playing, and provides acquaintance with the standard repertoire of orchestra that is technically and qualitatively advanced. The student is provided with opportunities to examine and study the fundamental arts components including, where applicable, the perceptual, creative, historical, and critical.

^JAZZ BAND

Course # [7005] (Grade 9-12)

The major emphasis of this course is to develop student achievement through the study of jazz ensemble music and other forms including improvisation and combos. The course develops the ability to perform on an instrument with considerable skill, accuracy, and aesthetic sensitivity, develops skills in score reading and arranging, and develops understanding and appreciation of artistic expression. The course provides opportunities for increasing skill in solo and ensemble playing, and provides acquaintance with and study of the standard repertory of jazz that is technically and qualitatively advanced. The student develops an awareness of the influence of personality, intelligence, talent, coordination, and discipline on the style of the individual musician.

GENERAL ELECTIVES

CAREER PLANNING & DEVELOPMENT*

Online Course # [TA1001] (Grades 9-12)

Introducing high school students to the working world, this course provides the knowledge and insight necessary to compete in today's challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop the skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. This one-semester course includes lessons in which students create a self-assessment profile, a cover letter, and a résumé that can be used in their educational or career portfolio.

CONTEMPORARY HEALTH

Online Course # [6602] (Grades 9-12, Meets A-G "G" requirement)

Available as either a semester or year-long course, this high-school health offering examines and analyzes various health topics. It places alcohol use, drug use, physical fitness, healthy relationships, disease prevention, relationships and mental health in the context of the importance of creating a healthy lifestyle. Throughout the course, students examine practices and plans they can implement in order to carry out a healthy lifestyle, and the consequences they can face if they do not follow safe practices. In addition, students conduct in-depth studies in order to create mentally and emotionally healthy relationships with peers and family, as well as nutrition, sleeping, and physical fitness plans. Students also examine and analyze harassment and bullying laws. This course covers issues of sex and gender identity, samesex relationships, contraception, and other sensitive topics. For a more conservative approach to health education, the Healthy Living course is also available in the Health and Physical Education Bundle.

HEALTHY LIVING

Online Course # [TA1048, TA1049] (Grades 9-12)

Encouraging students to make responsible, respectful, informed, and capable decisions about topics that affect the well-being of themselves and others, this high school course provides students with comprehensive information they can use to develop healthy attitudes and behavior patterns. Available as either a semester or year-long course, this informative and engaging course encourages students to recognize that they have the power to choose healthy behaviors to reduce risks.

PSYCHOLOGY

Online Course # [TA1094] (Grade 11,12, Meets A-G “G” requirement)

This two-semester course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

SOCIOLOGY*

Online Course # [TA1095] (Grade 9-12, Meets A-G “G” requirement)

Providing insight into the human dynamics of our diverse society, this is an engaging, one-semester course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.

WORLD REGIONAL GEOGRAPHY*

Online Course # [TA1097] (Grade 9-12, Meets A-G “A” requirement)

This semester-long course introduces students to the physical, cultural, and political geography of the various regions of the world. It is intended to meet the curriculum goals set forth by the History– Social Science Framework for California Public Schools. Comprehensive and organized by region, this course

helps students understand the Earth's physical and human diversity. Students analyze population and settlement patterns and evaluate the ways that human activities modify the physical environment as they gain a rich understanding of global cultures and the historical factors that have shaped the world around them.

^ACADEMIC DECATHLON

Course # 29005 (Grades 9-12, Meets A-G "G" requirement)

This course is designed for students who wish to participate on the Academic Decathlon team and engage with college level curriculum.Enrollment in Academic Decathlon will enhance college applications, resumes, and high school transcripts. Students have the option to register for college credit at Fresno State, details will be provided by the teacher. Students of all grade point averages are encouraged to enroll. The course prepares students in ten academic areas: economics, music, art, language and literature, mathematics, science, social science, speech, interview and essay. The competition team also competes in a battle of the brains called the Super Quiz. Students will attend workshops at Fresno State and attend study trips leading to a competition in February. The second semester will include units covering current events, speech/debate, and other topics that help prepare students for their transition to college life.

^FINANCIAL LITERACY*

Course # 21020 (Grade 9-12, Meets A-G "G"requirement)

This is a homeschool based one-semester course that is approved as area "G" College Preparatory Elective. In this course students will learn the essential finance principles like how to budget, save, avoid debt, invest, be a wise consumer and much more.

^FOCUS ON COLLEGE & CAREER*

Course # [29022] (Grade 9-12, Meets A-G "G" requirement)

This is a one-semester interdisciplinary course that is approved as area "G" -- College Preparatory Elective. Throughout this course, students will experience a quantifiable decision-making process that will help them envision a plan for a future that is productive, achievable, and stimulating. The focus of this course is predominantly on self-discovery and less on career research. It will assist students in discovering their unique abilities and ambitions while building the skills and attitudes needed for career success and life satisfaction in rapidly changing times. Students will be required to complete exercises in the workbook as well as complete a variety of projects.

^LEADERSHIP

Course # **8575** (Grades 9-12)

This course is designed for any student that desires to participate in various leadership activities. In this course students will participate in the planning and organization of on campus and community events/activities. Students will learn to collaborate with their peers, school staff, and community members and learn new innovative ways of developing effective relationships while taking on leadership roles. This course requires commitment and participation in various activities throughout the school year.

^PSYCHOLOGY

Course # [24014] (Grade 9-12, Meets A-G “G” requirement)

Students will be introduced to the principles of psychology, including the study of the nervous system, the senses, functions of the brain, and aspects of human personality and behavior.

^SOCIOLOGY

Course # [20218] (Grade 9-12, Meets A-G “G” requirement)

Sociology is a comprehensive study of the basic concepts, principles, and methods used in the scientific study of sociology. According to the text, students will, “be challenged to think like sociologists, develop an ability to view their own lives within a larger social context, and increase their understanding and appreciation of the rich diversity possible in their social lives by exposing them to data from a wide variety of cross-cultural and historical sources.”

SENIOR PORTFOLIO

Course # [23016] (Grade 12)

The Senior Portfolio course is a Hallmark Academy graduation requirement. Construction of the e-portfolio is designed to bring together key components of senior year work/performance. These components are critical to the two paths in life which students will ultimately encounter: career/occupation and college/technical training. Course completion consists of two elements: a digital portfolio (constructed as a website in Google Sites) and an oral presentation of your portfolio.

The purpose of an ePortfolio is to create a digital space where students can reflect on their learning, showcase their work, and creatively express themselves. Through reflective practice, students engage in metacognition (thinking about one’s thinking) and learn to autonomously connect prior learning to new learning, personalizing the construction of new meaning and knowledge. This ultimately teaches students to become lifelong learners. ePortfolios are also a way for teachers to authentically evaluate student learning. Additional benefits include: digital literacy, digital citizenship, creative expression, and critical thinking. In addition to reflecting on their work, students will also create digital artifacts beneficial to life after high school. For example, students will be required to write a letter of introduction, resume, complete a job application, and request and procure letters of recommendation. When complete, the ePortfolio will serve as evidence of student learning, growth, and a mirror of their senior year accomplishments.

^STRATEGIES FOR ACADEMIC SUCCESS

Course # **[TA99999]** (Grades 9-12)

Strategies for Academic Success is a hybrid class, held on-campus three days a week and asynchronous two days, designed to address work avoidance behaviors for high school students at risk of falling behind in credits and therefore off graduation track. The curriculum targets teaching, practicing and reinforcing organizational and self-advocacy skills, termed “academic self-management.”

Students will be able to demonstrate organizational and academic self-management skills, independently track progress toward graduation (including coursework), self-advocate, set academic/personal-social goals, and positively interact with peers and staff.

To qualify for enrollment, students meet one or more of the following criteria:

- Behind in credits
- Score a 1 or 2 on their most recent CAASPP
- Score below grade level according to the iReady reading diagnostic
- Enrolled in Tier 2 meetings during the prior school year
- Teacher/ Administrator recommendation

^WORLD GEOGRAPHY

Course # **[23009]** (Grade 10, Meets A-G “A”requirement)

In this World Geography course, the student will discover the way that the human race has been built along geographical lines. The course will examine how people have been affected by their physical geography, and how cultures develop and change as a result of their surroundings.

Focus: The focus of this course is the study of the Five Themes of Geography: Location, Place, Region, Human-Environment Interaction, and Movement. Through the prism of these 5 themes, the student will explore the world’s peoples, places, and environments. Students will explore the landforms, weather patterns, and resources that influenced the development of human communities, including customs, traditions, religions, and industry. Using the 5 themes, students will research topics, analyze data, and produce assignments that reflect chronological and spatial thinking, research, evidence and point of view, and historical investigation that meet or exceed the California Common Core Standards.

WORK EXPERIENCE

Course # **[20001]** (Grade 10, 11,12)

Work Experience is an elective class, which combines paid employment experience with course lessons. Students develop work habits, attitudes, self-confidence, and job-related skills. The student is allowed to work up to 40 hours per week. Students can earn up to 10 credits towards graduation per semester, depending on the number of hours worked.

PHYSICAL EDUCATION

FOUNDATIONS OF PERSONAL WELLNESS

Online Course # [TA1097] (Grades 9-12)

Exploring a combination of health and fitness concepts, this comprehensive and cohesive course explores all aspects of wellness. Offered as a two-semester course designed for high school students, coursework uses pedagogical planning to ensure that students explore fitness and physical health and encourages students to learn about the nature of social interactions and how to plan a healthy lifestyle. NOTE: This course contains content from both Healthy Living and Lifetime Fitness; to avoid duplication, students should take either those one-semester courses or this full-year course.

LIFETIME FITNESS

Online Course # [TA1091] (Grades 9-12)

Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, this course equips high school students with the skills they need to achieve lifetime fitness. Available as either a semester or year-long course, Lifetime Fitness encourages students to assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular endurance, flexibility, and body composition. Personal fitness assessments encourage students to design a fitness program to meet their individual fitness goals.

^PHYSICAL EDUCATION

Course # [28009] (Grades 9-12)

Throughout this course, students will be educated on the foundational principles of a healthy, active, and fit lifestyle. Its aim is to develop one's positive health and fitness attitudes, skills, and behaviors that will be practiced throughout life. This course provides a solid foundation for learning the benefits of an active lifestyle.

Career Technical Education (CTE) Electives

Arts, Media, & Entertainment

FUNDAMENTALS OF DIGITAL MEDIA*

Online Course # [TA1006] (Grade 9-12, Meets A-G "G" requirement)

Fundamentals of Digital Media is a semester-long course that presents high school students an overview of the different types of digital media and how they are used in the world today. This course examines the impact that digital media has on culture and lifestyle. The course reviews the basic concepts for creating effective digital media and introduces several different career paths related to digital media. Students

learn about the tools used as well as best practices employed for creating digital media. In the course, students explore topics such as the use of social media, digital media in advertising, digital media on the World Wide Web, digital media in business, gaming and simulations, e-commerce, and digital music and movies. Students also review the ethics and laws that impact digital media use or creation.

INTRODUCTION TO CAREERS IN ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS*

Online Course # [TA1042] (Grade 9-12, Meets A-G “G” requirement)

This introductory semester-long high school course provides comprehensive information on five separate areas of arts and communications as potential educational and career pathways, including: audio/video technology and film, performing arts, visual arts, printing technology, journalism and broadcasting, and telecommunication systems. Students who are interested in careers across a broad spectrum of professional positions, including fine artist, telecommunications administrator, magazine editor, broadcast journalist, or computer graphic artist, will gain useful perspective on industry terminology, technology, work environment, job outlook, and guiding principles.

Agriculture & Natural Resources

AGRIBUSINESS SYSTEMS*

Online Course # [TA1041] (Grade 9-12, Meets A-G “G” requirement)

Agribusiness Systems is a semester-length high school course that introduces the business, management, marketing, and financial skills needed to successfully produce food, fiber, and fuel for domestic and global markets. Students learn about the components of the agribusiness system and how they interact to deliver food to our tables. They also learn about the key elements of a successful agribusiness enterprise: economics, financial management, marketing and sales, and government policies and regulations.

ANIMAL SYSTEMS*

Online Course # [TA1002] (Grade 9-12, Meets A-G “G” requirement)

Animal Systems is a semester-long high school course that provides students with a wealth of information on livestock-management practices, animal husbandry, physiological systems, the latest scientific trends, veterinary practice, and innovations in food production. Changes in practices, regulations, and legislation for animal welfare continue as new research provides solutions to medical, ethical, and practical concerns. The course reviews current topics, such as advancements in technology and research, and defines areas of discussion while maintaining focus on best-management practices. A student might use the knowledge gained from the course to further an interest in becoming a chef, researcher, doctor, wildlife-management professional, or any number of applicable careers.

FOOD PRODUCTS & PROCESSING SYSTEMS*

Online Course # [TA1003] (Grade 9-12, Meets A-G “G” requirement)

Agriculture, food, and natural resources are central to human survival and civilization. The development, use, and stewardship of natural resources to create food products have a long and ever-changing timeline. This semester-length high school course that explores the history and evolution of food products, along with the processing methods that have arisen to feed an ever-growing world population. Students study specifics in a wide spectrum of food product topics, from early methods of preservation to technological advancements in packaging, regulations in labeling, and marketing trends. Students learn industry terminology in each area of the overall system, from “farm to fork” to vertical integration to smart packaging

INTRODUCTION TO AGRICULTURE, FOOD, AND NATURAL RESOURCES*

Online Course # [TA1004] (Grade 9-12, Meets A-G “G” requirement)

This semester-length high school course introduces students to the basic scientific principles of agriculture and natural resources. Students recognize and research plant systems, animal systems, government policy, “green” technologies, agribusiness principles, and sustainability systems. In this course, students apply understanding of ecosystems and systems thinking to the management of natural resources to maximize the health and productivity of the environment, agriculture, and communities. Students also analyze community practice or policy development related to sustainability in agriculture, food, and natural resources. Finally, students apply adaptive ecosystem management to a common pool resource problem in a manner that addresses ecological, socioeconomic, and institutional contexts.

PLANT SYSTEMS*

Online Course # [TA1035] (Grade 9-12, Meets A-G “G” requirement)

Plant Systems is a semester-length high school course that introduces students to the basics of plant biology, soil science, agriculture, and horticulture, along with the environmental management practices involved in each, including integrated pest management, biotechnology, growth techniques, and crop management. Students learn the basic parts of a plant, how plants are scientifically classified, and how they interact with water, air, nutrients, and light to undergo the processes of photosynthesis and respiration. Plant reproduction, including pollination, germination, and dispersal of seeds, is also presented. The course concludes by looking at careers in the plant sciences which includes agronomy, horticulture, or landscape design.

POWER, STRUCTURAL, AND TECHNICAL SYSTEMS*

Online Course # [TA1005] (Grade 9-12, Meets A-G “G” requirement)

This semester-length high school course provides students with an understanding of the field of agricultural power and introduces them to concepts associated with producing the food and fiber required to meet today's and tomorrow's needs. Students are given the opportunity to explore agriculture machinery, as well as structures and technological concepts. They also learn about the historical changes in agriculture and how agriculture has changed to meet the needs of the future world population. Students are introduced to machinery, structures, biotechnology, and ethical and professional standards applicable to agriculture power.

Business & Finance/Marketing, Sales, & Services

BANKING SERVICES CAREERS*

Online Course # [TA1008] (Grade 9-12, Meets A-G "G" requirement)

Banking Services Careers is a semester-long high school course that provides an overview of how the banking system works, what the Federal Reserve is, and the technical and social skills needed to work in banking and related services. Students explore career paths and the required training or higher education necessary and gain an understanding of the basic functions of customer transactions (e.g., setting up an account, processing a loan, establishing a business), cash drawer activity, check collection processes, and other customer service–related transactions. This course also discusses how technology has changed banking in the 21st century. The banking industry is responsible for many of the products that we use on a daily basis, from checking and savings accounts to debit cards, credit cards, and loans.

BUSINESS COMPUTER INFORMATION SYSTEMS

Online Course # [TA1101] (Grade 9-12)

Business Computer Information Systems is a year-long course that explores the use of technology applications in both business and personal situations. The course provides key knowledge and skills in the following areas: communication, business technology, word processing, spreadsheet, and database applications, telecommunications, desktop publishing, and presentation technology, computer networks, and computer operating systems.

BUSINESS LAW*

Online Course # [TA1009] (Grade 9-12, Meets A-G "G" requirement)

This semester-long high school course is designed to provide students with the knowledge of some of the vital legal concepts that affect commerce and trade, after first gaining some familiarity with how laws are created and interpreted. Students are then introduced to the types of businesses that can be created as well as the contractual and liability considerations that can impact a business. Laws that affect how a business is regulated are reviewed, particularly the impact of administrative rules and regulations on a business. Global commerce and international agreements, treaties, organizations, and courts are

discussed to get a better sense of what it means to “go global” with a business. Dispute resolution strategies are also addressed.

CAREERS IN MARKETING RESEARCH*

Online Course # [TA1029] (Grade 9-12, Meets A-G “G” requirement)

Marketing research is the foundation of all marketing activities because it provides the data needed to make key strategic decisions about products, promotions, pricing, and other key organizational decisions. Careers in Marketing Research is a semester-long high school course that provides information about the process of investigation and problem analysis by using research to produce key marketing statistics that are communicated to management and used throughout the organization. This course concludes with the execution, interpretation, and presentation of marketing research.

INTRODUCTION TO BUSINESS AND FINANCE

Online Course # [TA1010] (Grade 9-12)

In this two-semester introductory course, students learn the principles of business using real-world examples—learning what it takes to plan and launch a product or service in today’s fast paced business environment. This course covers an introduction to economics, costs and profit, and different business types. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity.

INTRODUCTION TO CAREERS IN FINANCE*

Online Course # [TA1052] [TA1053] (Grade 9-12, Meets A-G “G” requirement)

Introduction to Careers in Finance is a semester-long course that provides the fundamentals of the financial services industry in the United States and explores the jobs and career opportunities that the industry offers. Course units address a broad set of services in the industry including finance overview, financial services, securities analysis, investments, principles of corporate finance, banking services, risk management, and insurance.

PERSONAL FINANCE

Online Course # [TA1011] (Grade 9-12, Meets A-G “G” requirement)

This one-semester elective prepares students to navigate personal finance with confidence. The course opens with a study of what it means to be financially responsible, engaging students in budgeting, planning, and being a smart consumer. Students learn about the relationship between education, employment, income, and net worth, and they plan for the cost of college. Students then broaden their study to include banking, spending, investing, and other money management concepts before exploring credit and debt. In the final unit of the course, students study microeconomics and entrepreneurship, with

an overview of economic systems, supply and demand, consumer behavior and incentives, and profit principles. The course concludes with an in-depth case study about starting a business.

SMALL BUSINESS ENTREPRENEURSHIP

Online Course # [TA1012] (Grade 9-12, Meets A-G “G” requirement)

This full-year course is designed to provide the skills needed to effectively organize, develop, create, manage and own a business, while exposing students to the challenges, problems, and issues faced by entrepreneurs. Throughout this course, students explore what kinds of opportunities exist for small business entrepreneurs and become aware of the necessary skills for running a business. Students become familiar with the traits and characteristics that are found in successful entrepreneurs, and see how research, planning, operations, and regulations can affect small businesses. Students also learn how to develop plans for having effective business management, financing and marketing strategies.

TECHNOLOGY AND BUSINESS

Online Course # [TA1013] (Grade 9-12)

This year-long course teaches students technical skills, effective communication skills, and productive work habits needed to make a successful transition into the workplace or postsecondary education. In this course, students gain an understanding of emerging technologies, operating systems, and computer networks. In addition, they create a variety of business documents, including complex word-processing documents, spreadsheets with charts and graphs, database files, and electronic presentations.

Education, Child Development, & Family Services

FAMILY AND COMMUNITY SERVICES*

Online Course # [TA1103] (Grade 9-12, Meets A-G “G” requirement)

Family and Community Services is a high school semester-long course that introduces applications within professions related to family and community services. Students identify degree and credential requirements for occupations in this pathway and identify individual, social, historical, economic, and cultural context to increase awareness of family and community services. Students develop the abilities necessary to evaluate and identify a range of effective communication strategies and skills for establishing a collaborative relationship with others. Students also complete a variety of projects to apply their skills and knowledge. Units are divided among career fields: Social Workers, Emergency Management and Planners, Therapists and Treatment Specialists, Education and Childcare.

INTRODUCTION TO CAREERS IN EDUCATION AND TRAINING*

Online Course # [TA1014] (Grade 9-12, Meets A-G “G” requirement)

Introduction to Careers in Education and Training is a semester-long course that introduces students to the field of education and training, and the opportunities available for early-childhood through adult and continuing education. Students gain an understanding of the career options available in teaching, administrative work, and support services. They also explore the education and background experience

needed to succeed in these careers. Students learn about the evolution of the modern educational system in the United States, and the policies and laws that govern educational institutions. They also discover the similarities and differences between the ethical and legal obligations of working with adults versus working with children.

INTRODUCTION TO CONSUMER SERVICES*

Online Course # [TA1015] (Grade 9-12, Meets A-G “G” requirement)

In this semester-long course, students analyze various career paths in terms of employment opportunities and educational requirements, such as hard and soft skills, certifications, and licensures for different pathways. Developing research, analytical, and presentations skills are key components. This course is designed as an overview to prepare students for a consumer services-related career and to introduce them to specialty areas. Emphasis is placed on the human services aspect (vs. corporate concerns) of consumer services. Social issues and advocacy, as well as ethics and legalities, are a recurring theme. Students gain knowledge of current issues affecting various consumer services professions, and the impact of local, state, national and global issues on consumer services.

INTRODUCTION TO HUMAN GROWTH AND DEVELOPMENT*

Online Course # [TA1016] (Grade 9-12, Meets A-G “G” requirement)

This semester-long course focuses on human growth and development over the lifespan, as well as careers that help people deal with various physical, intellectual, and socioemotional issues, such as physicians, nurses, nutritionists, substance abuse counselors, clergy, teachers, career counselors, psychologists, and psychiatrists. The course provides a background in human growth and development from before birth, through childhood, into adulthood, and through death and grief. It gives the student perspective and highlights where people in the caring professions are most needed. Students who take this course will come away with a broad understanding of all the careers that help people from birth to death.

INTRODUCTION TO HUMAN SERVICES*

Online Course # [TA1015] (Grade 9-12, Meets A-G “G” requirement)

This semester-long course introduces high school students to the possibilities for careers in the human services professions. Through anecdotes, lessons, and a variety of assignments and projects, students learn about the broad variety of jobs available in the human services. These begin with entry-level positions, such as associate social workers, that require a two-year Associate of Arts degree. Students also learn ethics and philosophies of the helping professions. The history of the profession, as well as the impact of the cultural, social, and economic environment on individual people, especially those who need social services assistance, is also explored.

PERSONAL CARE SERVICES*

Online Course # [TA1017] (Grade 9-12, Meets A-G “G” requirement)

Personal Care Services introduces high school students to a variety of careers in the following areas: cosmetology (including hairstyling and haircutting, esthetics, manicuring, makeup, and teaching) and

barbering (including cutting and styling of hair and facial hair and manicuring for men); massage therapy, teaching body-mind disciplines (yoga, Pilates, and the martial arts), and fitness (general exercise classes and acting as a personal trainer); and mortuary science (embalming and funeral directing). The semester-long course teaches students about what each career entails and the education and training they need to become credentialed in various career specialties. In addition, about half of the course is devoted to teaching knowledge associated with the various professions, so that students can get a feel for what they should learn and whether they would like to learn it.

TEACHING AND TRAINING CAREERS*

Online Course # [TA1018] (Grade 9-12, Meets A-G “G” requirement)

Teaching and Training Careers is a semester-long high school course that introduces students to the art and science of teaching. It provides a thorough exploration of pedagogy, curriculum, standards and practices, and the psychological factors shown by research to affect learners. In five units of study, lessons, and projects, students engage with the material through in-depth exploration and hands-on learning, to prepare them for teaching and training careers. Students are given many opportunities to be the teacher or trainer, and to explore the tasks, requirements, teaching strategies, and research based methods that are effective and high-quality.

Engineering, Architecture & Construction

CONSTRUCTION CAREERS*

Online Course # [TA1036] (Grade 9-12, Meets A-G “G” requirement)

Construction Careers is a semester-long course that introduces high school students to the basics of construction, building systems, engineering principles, urban planning, and sustainability. Students learn the key techniques in building all types of buildings, as well as the key individuals involved in each step of the process. Many lessons present information on green building techniques and concepts that are becoming a standard part of the construction industry. Safety practices are emphasized in several lessons because © Copyright Edgenuity, Inc. PAGE 25 Career and Technical Education Courses construction is one of the most dangerous industries; students learn that there is no way to be successful in construction without taking such issues seriously. Lessons in this course also explore regulatory agencies and guidelines established for protecting not only construction workers but also the occupants of a building.

INTRODUCTION TO CAREERS IN ARCHITECTURE AND CONSTRUCTION*

Online Course # [TA1007] (Grade 9-12, Meets A-G “G” requirement)

The goal of this semester-long high school course is to provide students with an overview of careers in architecture and construction in order to assist with informed career decisions. This dynamic, rapidly evolving career cluster involves three pathways (fields): Design and Pre-Construction (Architecture and Engineering); Construction (Construction and Extraction); and Maintenance and Operations (Installation, Maintenance, and Repair). The Architecture and Construction career cluster is defined as careers in

building, designing, managing, maintaining, and planning the built environment. The built environment encompasses all zones of human activity—from natural conservation areas with minimal human intervention to highly dense areas with tall skyscrapers and intricate highway systems to suburban cul-de-sacs. The interrelated components that make up the built environment are as varied and unique as the professionals who help shape it.

ENGINEERING AND DESIGN*

Online Course # [TA1104] (Grade 9-12, Meets A-G “G” requirement)

This semester-long course focuses on building real-world problem solving and critical thinking skills as students learn how to innovate and design new products and improve existing products. Students are introduced to the engineering design process to build new products and to the reverse engineering process, which enables engineers to adjust any existing product. Students identify how engineering and design have a direct impact on the sustainability of our environment and the greening of our economy. Finally, students incorporate the engineering design process, environmental life cycle, and green engineering principles to create a decision matrix to learn how to solve environmental issues.

ENGINEERING AND PRODUCT DEVELOPMENT*

OnlineCourse # [TA1105] (Grade 9-12, Meets A-G “G” requirement)

This semester-long course provides an overview of the concepts of product engineering and development. Students analyze the life cycle of a product to prepare a product for distribution and for target markets. The course begins with building an understanding of the product life cycle, from the initial idea to drafting requirements to using 3-D modeling tools and other design tools. The final unit focuses on assembling the pieces within a project plan to achieve a product and evaluating the plans for a successful product launch. In addition, the course provides information about the different careers available to students interested in engineering, product development, and project management.

INTRODUCTION TO STEM*

Online Course # [TA1106] (Grade 9-12, Meets A-G “G” requirement)

This semester-long course introduces students to the four areas of Science, Technology, Engineering, and Mathematics through an interdisciplinary approach that will increase awareness, build knowledge, develop problem solving skills, and potentially awaken an interest in pursuing a career in STEM. Students are introduced to the history, fundamental principles, applications, processes, and concepts of STEM. Students are exposed to several computer applications used to analyze and present technical or scientific information. Finally, students explore the kinds of strategies frequently used to solve problems in these disciplines. Throughout the course, students discover their strengths through practical applications and awareness of the various STEM careers.

SCIENCE AND MATHEMATICS IN THE REAL WORLD*

Online Course # [TA1038] (Grade 9-12, Meets A-G “G” requirement)

Science and Mathematics in the Real World is a semester-long high school course where students focus on how to apply scientific and mathematical concepts to the development of plans, processes, and projects that address real world problems, including sustainability Edgenuity Course Catalog PAGE 32 Career and Technical Education Courses and “green” technologies. This course also highlights how science, mathematics, and the applications of STEM will be impacted due to the development of a greener economy. This course exposes students to a wide variety of STEM applications and to real world problems from the natural sciences, technology fields, the world of sports, and emphasizes the diversity of STEM career paths. The importance of math, critical thinking, and mastering scientific and technological skill sets is highlighted throughout. Challenging and enjoyable activities provide multiple opportunities to develop critical thinking skills and the application of the scientific method, and to work on real world problems using STEM approaches.

SCIENTIFIC DISCOVERY AND DEVELOPMENT*

Online Course # [TA1043] (Grade 9-12, Meets A-G “G” requirement)

Scientific Discovery and Development is a semester-long high school course that explores the history of clinical laboratory science, learning how clinical laboratories evolved and became professionalized, and how scientific discoveries and breakthroughs fueled the development of the laboratory while the sub-disciplines in biology were advancing. Students learn about the circulatory system and about microbiology and the subfields within it. Cells and tissues, cell division and basic genetics is also addressed. This course covers the three major areas in bioresearch: biotechnology, nanotechnology, and pharmaceutical research and development. More than two dozen career fields are explored along the way including laboratory techs, phlebotomists, and pathologist assistants. Students learn what is necessary in the areas of education and credentialing with an idea of the job outlook and salaries.

SCIENTIFIC RESEARCH*

Online Course # [TA1107] (Grade 9-12, Meets A-G “G” requirement)

Scientific Research is a semester-long high school course that describes activities from the point of view of a professional scientist. The lessons provide support, accessible ideas, and specific language that guide students through most of the steps, insights, and experiences eventually faced if continued through higher education toward a graduate degree. Knowing the practical, everyday basics of scientific thinking and laboratory activity serves as a necessary first step to a career as a technician or a lab assistant. While these jobs are hands-on and technical, the intellectual and historical background covered in the course provides an awareness that is essential to working in such an atmosphere.

STEM AND PROBLEM SOLVING*

Online Course # [TA1108] (Grade 9-12, Meets A-G “G” requirement)

Science, technology, engineering, and mathematics (STEM) are active components in the real world. STEM and Problem Solving is a semester-long high school course that outlines how to apply the concepts and principles of scientific inquiry, encouraging the use of problem-solving and critical-thinking skills to produce viable solutions to problems. Students learn the scientific method, how to use analytical tools and techniques, how to construct tests and evaluate data, and how to review and understand statistical information. This course is designed to help students understand what we mean by problem solving and to help understand and develop skills and techniques to create solutions to problems.

Advanced problem-solving skills are necessary in all science, technology, engineering, and mathematics disciplines and career paths. This problem-solving course stresses analytic skills to properly format problem statements, use of the scientific method to investigate problems, the use of quantitative and qualitative approaches to construct tests, and an introduction to reviewing and interpreting statistical information.

Health Science & Medical Technology

CAREERS IN ALLIED HEALTH*

Online Course # [TA1011] (Grade 9-12, Meets A-G “G” requirement)

Careers in Allied Health is a semester-long course that focuses on select allied health careers, studying a variety of different levels, responsibilities, settings, education needs and amounts of patient contact. The course includes an overview of the degree or training needed for each job, the environment one would work in, how much money the position could make, and the facts of the actual working day. Within each job type, students explore important aspects applicable to the entire field of allied health, such as behaving ethically, working as a team, keeping patients safe and free from infections and germs, honoring diverse needs of diverse patients, and following laws and policies.

HEALTH, SAFETY, AND ETHICS IN THE HEALTH ENVIRONMENT*

Online Course # [TA1109] (Grade 9-12)

Health, Safety, and Ethics in the Health Environment is a semester-long high school course that focuses on healthcare safety, health maintenance practices, environmental safety processes and procedures, and ethical and legal responsibilities. It also reinforces, expands, and enhances biology content specific to diseases and disorders. Students participate in project- and problem-based healthcare practices and procedures to demonstrate the criticality of these knowledge and skills. Students develop basic technical skills required for all health career specialties including understanding occupational safety techniques and obtaining their CPR and First Aid certifications.

HEALTH SCIENCE CONCEPTS

Online Course # [TA1110] (Grade 9-12, Meets A-G “G” requirement)

This year-long course introduces high school students to the fundamental concepts of anatomy and physiology—including the organization of the body, cellular functions, and the chemistry of life. As they progress through each unit, students learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students investigate basic medical terminology as well as human reproduction and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. This course is intended to provide students with a strong base of core knowledge and skills that can be used in a variety of health science career pathways.

INTRODUCTION TO CAREERS IN THE HEALTH SCIENCES*

Online Course # [TA1111] (Grade 9-12, Meets A-G “G” requirement)

This semester-long course is an overview of health careers and overriding principles central to all health professions. The course provides a foundation for further study in the field of health science. Upon completion of the course, students are able to discuss the potential career choices and have an understanding of basic concepts that apply to these different choices such as science and technology in human health, disease, privacy, ethics and safety. Essential skill development, such as communication and teamwork, are also addressed.

MEDICAL TERMINOLOGY

Online Course # [TA1040] (Grade 9-12, Meets A-G “G” requirement)

This full-year course introduces students to the structure of medical terms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to health care settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course provide students entering the healthcare field with a deeper understanding of the application of the language of health and medicine. Students are introduced to these skills through direct instruction, interactive tasks, practice assignments, and unit-level assessments.

NURSING ASSISTANT

Online Course # [TA1021] (Grade 9-12, Meets A-G “G” requirement)

This two-semester course prepares students to provide and assist with all aspects of activities of daily living and medical care for the adult patient in hospital, long-term care, and home settings. Through direct instruction, interactive skills demonstrations, and practice assignments, students are taught the basics of nurse assisting, including interpersonal skills, medical terminology and procedures, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, emergency skills, and employability skills. Successful completion of this course from an approved program prepares the student for state certification for employment as a Certified Nursing Assistant (CNA).

NURSING: UNLIMITED POSSIBILITIES AND UNLIMITED POTENTIAL*

Online Course # [TA1020] (Grade 9-12, Meets A-G “G” requirement)

Nursing: Unlimited Possibilities and Unlimited Potential provides high school students opportunities to compare and contrast the various academic and clinical training pathways to an entrylevel position in nursing and to explore the growing number of opportunities for professional advancement given the proper preparation and experience. In this semester-long course, students have several opportunities to learn about the expanding scope of professional practice for registered nurses and better understand the important changes proposed in the education and ongoing professional development of nurses.

PHARMACY TECHNICIAN

Online Course # [TA1022] (Grade 9-12, Meets A-G “G” requirement)

This two-semester course prepares students for employment as a Certified Pharmacy Technician (CPhT) and covers the skills needed for the pharmacy technician field. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn the basics of pharmacy assisting, including various pharmacy calculations and measurements, pharmacy law, pharmacology, medical terminology and abbreviations, medicinal drugs, sterile techniques, USP 795 and 797 standards, maintenance of inventory, patient record systems, data processing automation in the pharmacy, and employability skills. Successful completion of this course prepares the student for national certification for employment as a CPhT.

PHYSICIANS, PHARMACISTS, DENTISTS, VETERINARIANS, AND OTHER DOCTORS*

Online Course # [TA1023] (Grade 9-12, Meets A-G “G” requirement)

Physicians, Pharmacists, Dentists, Veterinarians, and Other Doctors focuses on preparation for physician-level careers, including dental, veterinary and pharmaceutical, along with a look into the physician assistant and alternative medicine systems. This semester-long course also introduces the topics of diversity and the move toward social and cultural skills in medicine, in addition to academic ability. This course focuses on the preparation for entry to practice, along with navigating the field once you are in it (working as part of a team, dealing with patients, etc.). Students choose their career path by studying different roles, responsibilities, settings, education needs, and amounts of patient contact. Degree and training requirements, working environment, salaries, and the day in the life of that career is also covered in this course. Students explore important aspects that are applicable to the entire health field, such as behaving ethically, keeping patients safe and free from infections and germs, and following laws and policies.

PUBLIC HEALTH: DISCOVERING THE BIG PICTURE IN HEALTH CARE*

Online Course # [TA1112] (Grade 9-12, Meets A-G “G” requirement)

Public Health: Discovering the Big Picture in HealthCare is a semester-long high school course that discusses the multiple definitions of public health and the ways these definitions are put into practice. The five core disciplines and ways they interact to reduce disease, injury and death in populations is explored. By understanding the roles of public health, students gain a greater appreciation for its importance and the various occupations one could pursue within the field of public health. Students explore the history, nature and context of the public health system. Students also learn how to promote public health, and how to coordinate a response to a public health emergency. Students explore how diseases spread and learn about the roles of the Centers for Disease Control and the World Health Organization. By entering the field of public health, students play an integral part in improving the health and lives of many people.

THERAPEUTICS: THE ART OF RESTORING AND MAINTAINING WELLNESS*

Online Course # [TA1113] (Grade 9-12, Meets A-G “G” requirement)

Therapeutics: The Art of Restoring and Maintaining Wellness is a semester-long high school course that focuses on careers that help restore and maintain mobility and physical and mental health, such as physical therapists, physical therapy assistants, occupational therapists, athletic trainers, massage therapists, dieticians and dietetic technicians, art therapists, neurotherapists, vocational rehabilitation counselors, and registered dental hygienists. Each career is explored in depth, examining typical job duties, educational and licensure requirements, working conditions, average salary, and job outlook. Key

concepts and specific skill sets are introduced in the lessons, allowing students to apply what they have learned to health careers. This course is important because skilled health care workers are in high demand and expected to remain so for the foreseeable future.

Hospitality, Tourism & Recreation/Transportation

CAREERS IN LOGISTICS PLANNING AND MANAGEMENT SERVICES*

Online Course # [TA1114] (Grade 9-12, Meets A-G “G” requirement)

Careers in Logistics Planning and Management Services is a semester-long course that provides high school students with the history of logistics and recent advances in the field. Units include supply chain management, inventory and transportation management, and safety in the workplace. Logistics is a high-growth industry and stable career choice. There is something for every career-seeker, ability, and experience level. The objectives of this course are to introduce the student to the field of logistics planning and management and to explain the career opportunities that are available in this field.

FOOD SAFETY AND SANITATION*

Online Course # [TA1024] (Grade 9-12, Meets A-G “G” requirement)

This comprehensive semester-long course covers the principles and practices of food safety and sanitation that are essential in the hospitality industry for the protection and well-being of staff, guests and customers. The course provides a systems approach to sanitation risk management and the prevention of food contamination by emphasizing the key components of the Hazard Analysis Critical Control Point (HACCP) food safety system. After Edgenuity Course Catalog PAGE 26 Career and Technical Education Courses successful completion of this course, students are prepared to meet the requirements of state and national certification exams.

INTRODUCTION TO CAREERS IN TRANSPORTATION, DISTRIBUTION, AND LOGISTICS*

Online Course # [TA1115] (Grade 9-12, Meets A-G “G” requirement)

This semester-long course introduces students to the complicated world of commercial transportation. Students undertake an overview of the fields of transportation, distribution, and logistics, learning the differences between the fields and the primary services provided in each. Students learn how warehousing, inventory, and other associated businesses impact the economy, which includes the advantages and disadvantages of automation on employment. Students learn about the history of transportation including. Students examine the fields that serve to support and manage transportation systems. Lastly, the role of technology and technological development on transportation-related businesses is addressed.

MARKETING AND SALES FOR TOURISM AND HOSPITALITY*

Online Course # [TA1116] (Grade 9-12, Meets A-G “G” requirement)

This semester-long course is designed as an introduction to the study of tourism and hospitality marketing and sales. Students are introduced to marketing theory and application of the basic principles of marketing as applied in hospitality and tourism. The relationship between marketing and other functions such as advertising, sales techniques, and public relations to maximize profits in a hospitality organization is addressed. Students have an opportunity to explore this multifaceted world, identifying multiple career paths and opportunities.

PLANNING MEETINGS AND SPECIAL EVENTS*

Online Course # [TA1117] (Grades 9-12)

Planning Meetings and Special Events is a semester-long high school course designed as an introduction to the study of planning meetings and special events. Being a meetings and special events planner is both demanding and rewarding. According to The Bureau of Labor Statistics employment of meeting, convention, and event planners is projected to grow 7 percent from 2018 to 2028, faster than the average for all occupations. Job opportunities should be best for candidates with hospitality experience and a bachelor's degree in meeting and event management, hospitality, or tourism management. It's not all fun and parties because a meeting coordinator is responsible for every detail of an event. Planners must know how to communicate, be empathetic, and think of their clients. It's crucial to remember that in some instances the event will be a once-in-a-lifetime occasion, so it's important to get it right.

SUSTAINABLE SERVICE MANAGEMENT FOR HOSPITALITY AND TOURISM*

Online Course # [TA1118] (Grade 9-12, Meets A-G "G" requirement)

This comprehensive semester-long course covers the principles and practices of sustainable service management. The purpose of this course is to provide students with an understanding of socially, environmentally, and financially sustainable hospitality management. The course provides a sustainable approach to service management, incorporating the role of the customer, employee, leaders, and the environment. After successful completion of this course, students understand and are able to explain the fundamentals of sustainability in the hospitality industry.

TRANSPORTATION AND TOURS FOR THE TRAVELER*

Online Course # [TA1039] (Grade 9-12, Meets A-G "G" requirement)

Transportation and Tours for the Traveler is a semester-long course where students learn about today's package tour industry, travel industry professionals, and package tour customers. Students find out who tour operators must work with to create travel products and what kinds of decisions they must make in terms of meals, lodging, attractions, and, of course, transportation. Finally, students learn about how technology, world events, and increased environmental awareness are affecting the travel industry today. Students focus on the different components that go into creating a tour to get a sense of what working for a tour operator entails as well as what other careers are available in the tour industry.

Information & Communication Technologies

COMPUTER SCIENCE PRINCIPLES

Online Course # [TA1119] (Grade 9-12)

This course is available as both an elective and a CTE course. Students will explore the foundations of computer science using videos, hands-on activities, programming, investigations, and projects. They will experience much of what computer programmers do in planning, developing, testing, and refining software. Security is a key topic, and students will learn techniques for recognizing and guarding against security threats. Every unit has two to three projects, giving students the opportunity not only to write programs, but also to develop security policies, analyze real-world data, solve network problems, plan a mobile app, and more. Interwoven throughout the course are spotlights on a wide variety of careers and roles in computer science. Students will need access to Python to complete this course.

FUNDAMENTALS OF COMPUTER SYSTEMS*

Online Course # [TA1120] (Grade 9-12, Meets A-G “G” requirement)

Fundamentals of Computer Systems is a semester-long high school course that provides students with an understanding of computers and how they operate as well as a basic understanding of how to manage and maintain computers and computer systems. These skills provide students with the ability to configure computers and solve computer problems. Students learn details about the different elements of computers and computer systems, how to identify hardware devices and their functions, the role of operating systems as well as how to install and customize Windows operating systems. Students also learn about networking and the Internet, security issues, and current software applications, such as Microsoft® Office. In addition, students learn specifics about maintaining and troubleshooting computers, including managing files, backing up systems, and using the administrative tools in the Windows operating system. Lastly, students learn the basics of customer service and working as a help desk support technician.

FUNDAMENTALS OF PROGRAMMING AND SOFTWARE DEVELOPMENT* T

Online Course # [TA1121] (Grade 9-12, Meets A-G “G” requirement)

This semester-long course provides students with an understanding of basic software development concepts and practices, issues affecting the software industry, careers within the software industry, and the skills necessary to perform well in these occupations. Students learn details about core concepts in programming using Java, writing and debugging code, proper syntax, flow of control, order of operations, comparison operators, and program logic tools and models. Students learn the function of key program techniques including if statements, looping, and arrays, as well as web development using HTML and drag-and-drop development of user interfaces in an integrated development environment. Students explore the software development life cycle and different variations used to create software. **Required Materials**: Activities in this course require that the Java Software Development Kit (SDK) and the NetBeans Integrated Development Environment (IDE) is installed on students’ computers. Instructions are included in the Unit 1 lesson titled “Introduction to Java Programming.”

INTRODUCTION TO CODING*

Online Course # [TA1026] (Grade 9-12)

Intro to Coding covers a basic introduction to the principles of programming, including algorithms and logic. Students engage in hands-on programming tasks in the Python programming language as they write and test their own code using the approaches real programmers use in the field. Students will program with variables, functions and arguments, and lists and loops, providing a solid foundation for more advanced study as well as practical skills they can use immediately.

INTRODUCTION TO COMPUTER SCIENCE

Online Course # [TA1027] (Grade 9-12)

This course is available as both an elective and a CTE course. Introduction to Computer Science is a year-long course designed Edgenuity Course Catalog PAGE 28 Career and Technical Education Courses for students in grades 9-10, although any students across 9-12 may enroll. This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. Students have creative, hands-on learning opportunities to create a computer program, develop a web page, design a mobile app, write algorithms, and collaborate with peers while building a strong foundational knowledge base. This course provides a solid foundation for more advanced study as well as practical skills they can use immediately. **Required Materials:** Activities in this course require that Python is installed on students' computers.

INTRODUCTION TO INFORMATION TECHNOLOGY SUPPORT AND SERVICES*

Online Course # [TA1122] (Grade 9-12, Meets A-G "G" requirement)

This semester-long course focuses on real-world application, including common industry best practices and specific vendors that offer tools for technicians, project managers, and IT leadership. Students learn how the IT department of an enterprise supports the overall mission of the company. Students apply their knowledge of hardware and software components associated with IT systems while exploring a variety of careers related to IT support and services. Students analyze technical support needs to perform customer service and configuration management activities. Students also evaluate application software packages and emerging software. Students demonstrate and apply knowledge of IT analysis and design by initiating a system project and evaluating applications within the IT system.

INTRODUCTION TO NETWORK SYSTEMS*

Online Course # [TA1028] (Grade 9-12, Meets A-G "G" requirement)

This semester-long course introduces students to the fundamental technology and concepts that make networking systems possible. The most important concept introduced is that of the OSI reference model and its bottom four layers, which are most directly concerned with networking instead of computing. The course explores the software and hardware supporting LANs, WANs, and Wi-Fi networks. Students are introduced to the protocols in the TCP/IP stack that are used to communicate across a network, and to networking hardware, including hubs, switches, bridges, routers, and transmission media. Students explore questions of security, network management, and network operating systems.

NETWORK SYSTEM DESIGN*

Online Course # [TA1124] (Grade 9-12, Meets A-G “G” requirement)

Network System Design is a semester-long course that provides students with an understanding of computer networks and how they operate, as well as a basic understanding of how to manage and maintain computer networks. These skills provide students with the ability to design, configure, and troubleshoot networks of all sizes. Students learn the basics of network design, including how to identify network requirements and determine proper network architecture. Students are introduced to network models. Students also learn about internet protocol and the basics of routing data on a network. Students learn about network security issues and network management. Lastly, students learn about network operating systems and their role in connecting computers and facilitating communications.

NEW APPLICATIONS: WEB DEVELOPMENT IN THE 21ST CENTURY*

Online Course # [TA1037] (Grade 9-12, Meets A-G “G” requirement)

New Applications is a survey course that travels from the first software programs developed to facilitate communication on the Internet, to the new generation of mobile and native apps that access the Internet without a reliance on a web browser. New Applications is also a practical course in how to develop a presence on the World Wide Web using WordPress and other available web application tools. The goal of the course is to provide the learner insight into the rapidly evolving universe of programming and application development to support informed career decisions in an industry that is changing as quickly as it is growing.

SOFTWARE DEVELOPMENT TOOLS*

Online Course # [TA1125] (Grade 9-12, Meets A-G “G” requirement)

This semester-long course introduces students to the variety of careers related to programming and software development. Students gather and analyze customer software needs and requirements, learn core principles of programming, develop software specifications, and use appropriate reference tools to evaluate new and emerging software. Students apply IT-based strategies and develop a project plan to solve specific problems and define and analyze system and software requirements.

Public Services

CORRECTIONS: POLICIES AND PROCEDURES*

Online Course # [TA1126] (Grade 9-12, Meets A-G “G” requirement)

Corrections is one of the three branches of the Criminal Justice System (CJS) in the United States. All three branches employ personnel who are authorized to uphold and enforce the law and are required to operate under the rule of law. Each branch works as part of the entire system to maintain the public safety and well-being and bring criminals to justice. Corrections facilities and programs are run by a complex system of policies and procedures, which uphold local, state, and federal laws. Corrections: Policies and

Procedures gives high school students an introductory, yet thorough view of many aspects of corrections operations. Students receive historical and legal background information as they study how prisons and prisoners have evolved into correctional facilities and programs for offenders. In this semester-long course duties, responsibilities, conduct, training, and special certification possibilities for corrections staff are explored. Many aspects of procedures in corrections are reviewed, giving students an in-depth look at what a variety of careers in this growing field encompass and require.

FIRE AND EMERGENCY SERVICES*

Online Course # [TA1030] (Grade 9-12, Meets A-G “G” requirement)

Emergency and fire-management services are essential infrastructure components of a community. Fire and Emergency Services is a semester-long course that provides students with the basic structure of these organizations as well as the rules and guidelines that govern pre-employment education requirements. The vehicles, equipment, and emergency-mitigations strategies that are commonly used in the emergency- and fire-management field are also explored. Students gain an understanding of the goals of an emergency-management service and how they are implemented and managed, including personnel, budget, and labor-management challenges in the organization. Various preparedness plans are discussed as students explore typical characteristics and frameworks of modern emergency and fire-management organizations.

FORENSICS: USING SCIENCE TO SOLVE A MYSTERY*

Online Course # [TA1031] (Grade 9-12, Meets A-G “G” requirement)

Forensics: Using Science to Solve a Mystery is a semester-long high school course that overviews modern-day forensic science careers at work using science concepts to collect and analyze evidence and link evidence to the crime and suspects in order to present admissible evidence in courts of law. Projects in this course include simulated crime-scene investigation, actual DNA separation, development of a cybersecurity plan, and the identification of specific forensic skills used during the course of a very large murder case. The focus of this course is to assist students in making career choices. The overview of careers includes job descriptions and availability, educational and training requirements, licensing and certification, and typical annual salaries. Students who take this class will become equipped to make more informed career choices regarding the forensic, computer science and medical science fields. At the same time, students will survey the history and scope of present-day forensic science work.

INTRODUCTION TO CAREERS IN GOVERNMENT AND PUBLIC ADMINISTRATION*

Online Course # [TA1127] (Grade 9-12, Meets A-G “G” requirement)

This semester-long course provides students with an overview of American politics and public administration, including how political institutions and public management systems at the local, state, and federal levels exercise supervisory authority and maintain accountability. Students explore the foundations of the U.S. government, the separation of powers, the federal civil service system, and the relationship between the government and state and local officials. Students learn about politics in the United States and the electoral process, political attitudes and opinions, and American political parties. Students explore the structure of U.S. federal governmental institutions, the nature of bureaucracy, and

the functions of the three branches of government. Students also learn about policy making in the American government, including discussions of foreign and defense policies.

INTRODUCTION TO LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY*

Online Course # [TA1032] (Grade 9-12, Meets A-G “G” requirement)

In this semester-long course, students learn about the many careers that exist within the fields of law, law enforcement, public safety, corrections, and security. In addition to learning about the training and educational requirements for these careers, students explore the history of these fields and how they developed to their current state. Students also learn how these careers are affected by and affect local, state, and federal laws. Finally, students examine the relationships between professionals in these fields and how collaborations between professionals in these careers help to create a safer, more stable society.

LAW ENFORCEMENT FIELD SERVICES*

Online Course # [TA1033] (Grade 9-12, Meets A-G “G” requirement)

This semester-long course introduces students to the field of law enforcement and the local, county, state, and federal laws that law enforcement personnel are sworn to uphold. The students also gain an understanding of the career options available in this field and the skills, education, and background experience needed to succeed. Students learn about the evolution of the role of law enforcement in the United States including key changes affecting law enforcement. Students learn about the interaction between local, county, state, and federal law enforcement agencies. Finally, students learn about the types of crime that are commonly committed and the procedures, evidence collection techniques, and technological advances that law enforcement personnel use to investigate crimes.

LEGAL SERVICES*

Online Course # [TA1128] (Grade 9-12, Meets A-G “G” requirement)

Legal Services is a high school semester-long course that provides students with an overview of the system of laws in the United States, the practice areas, and career options in the field. Students learn about how the legal system operates, the consequences to those who commit crimes, and how disputes are settled, as well as how criminal and civil cases reach court and are resolved. Students learn about the courtroom and the basics of a typical court case. Students explore constitutional rights and legal safeguards, types of evidence, as well as how technology has changed the practice of law. They also learn about legal education and various careers in the legal field.

SECURITY AND PROTECTIVE SERVICES*

Online Course # [TA1034] (Grade 9-12, Meets A-G “G” requirement)

Security and Protective Services is a semester-long high school course that offers an overview of the security and protective services industry. Students will understand different types of security services and how they relate to one another. The distinction between the criminal justice system within the public sector and private security is addressed. The course begins with an introduction to the history of private security, with subsequent units focusing on a specific sector. The concluding unit focuses on the emerging

challenges facing security services in the twenty-first century, including international terrorism. In addition, the course provides information about many different careers that are available to students who are interested in security and protective services.

*** Courses marked with an asterisk are one-semester courses.**
^ Courses marked with a circumflex are home school based courses.
EDG= Edgenuity Online Course
A-G=College prep courses required for freshman admission to CSU/UC
CSU=California State University
UC=University of California