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Welcome to SAVA

Sacramento Academic and Vocational Academy is a 7th-12th grade public charter school offering a personalized education path for each of our students. Instead of the traditional one-size-fits-all classroom, we seek to motivate and encourage students to be independent learners. Our blended-learning model provides one-on-one and small group learning opportunities. As a result, each student receives individualized instruction and support from our teachers and staff. This personal attention and guidance is often the crucial ingredient to student success.

At SAVA, we provide high-quality curriculum aligned to Common Core State Standards, instructional support for all students, and career exploration and preparation for life after graduation. SAVA students have the opportunity to meet requirements for graduation with a high school diploma as well as meet the requirements for entry level employment, apprenticeship programs, post-secondary career technical training or transition to two or four year colleges.

In addition to providing a multi-faceted approach to learning, we also emphasize the importance of community involvement and self-discovery. Each SAVA student completes a service learning project with a local community business or organization and has the chance to experience how it feels to make a difference in their community. We believe that the combination of individual support, high-quality instruction, and personal development opportunities produces self-directed, life-long learners ready to meet the challenges of the future.

Graduation Requirements

A student must earn a minimum of 200 credits in courses approved by the GCC for high school credit in order to graduate. The minimum of 200 credits for graduation from high school shall include:

Subject Area	Credits
English	40
Math	30
Life Science (Life Science, Biology, Anatomy/Physiology)	10
Physical Science (Earth Science, Environmental Science, Physics)	10
World History	10
U.S. History	10
American Government	5
Economics	5
Fine Arts or Foreign Language	10
Physical Education	20
Elective Courses	20
Career Technical Education (CTE)	20
Senior Capstone	5
Service Learning	5

Edgenuity/Online Courses

Designed for students of all abilities, SAVA's online curriculum offers courses through a dynamic, multimedia, web-based learning platform. The program is data rich and provides teachers with up-to-the-minute snapshots of student academic performance and growth. Students can access their coursework at any time, assisted by a team of educators that includes their teacher of record, paraeducators, and content-area specialists. This digital curriculum is Common Core aligned. Courses marked with an asterisk (*) are A-G approved. Students have access to videos where expert on-screen teachers provide instruction, model strategic thinking, and make real-world connections. Interactive tasks and assignments allow students to read, write, explore, create, practice, predict, and more in order to develop analytical and critical-thinking skills. A variety of formative and summative assessments test for mastery and provide immediate, actionable feedback for students and teachers. A full suite of interactive learning tools and scaffolds are also available, including read-aloud and text translation, closed-captioning, video transcripts, enotes, and a glossary of directed vocabulary terms to help all students access content, organize information, and complete assignments.

ENGLISH LANGUAGE ARTS

English Language Arts 7 (Middle School)

Students grow as readers, writers, and thinkers in this middle school course. With engaging literary and informational texts, students learn to think critically, analyze an author's language, and cite evidence to support ideas. Students complete an in-depth study of Jack London's classic novel *White Fang* and read excerpts from other stories, poetry, and nonfiction. Explicit modeling and ample opportunities for practice help students sharpen their vocabulary, grammar, and listening skills. Students also respond routinely to texts they have read. In extensive, process-based writing lessons, students write topical essays in narrative, informative, analytical, and argumentative formats. In this full year course, students develop a mastery of reading, writing, and language arts skills.

English Language Arts 8 (Middle School)

In this course, students build on their knowledge and blossom as thoughtful readers and clear, effective writers. A balance of literary and informational texts engage students throughout the course in reading critically, analyzing texts, and citing evidence to support claims. Students sharpen their vocabulary, grammar, and listening skills through lessons designed to provide explicit modeling and ample opportunities to practice. Students also routinely write responses to texts they have read, and use more extensive, process-based lessons to produce full-length essays in narrative, informative, analytical, and argumentative formats. In this full year course, students develop a mastery of reading, writing, and language arts skills.

English Language Arts 9*

This freshman-year English course invites students to explore diverse texts organized into thematic units. Students engage in literary analysis and inferential evaluation of great texts, both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students 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 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 also study short but complex texts, including influential speeches by Dr. Martin Luther King Jr. and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course. (English 9)

English Language Arts 10*

Focused on application, this sophomore English course reinforces literary analysis and 21st-century skills with superb pieces of literature and literary nonfiction, application 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, 21st-century career skills, and the essentials of grammar and vocabulary. Under the guidance of the eWriting software, students will also compose descriptive, persuasive, expository, literary analyses, research, narrative, and compare-contrast essays. (English 10)

English Language Arts 11*

This junior-year English course invites students to delve into American literature from early American Indian voices through contemporary works. Students will engage in literary analysis and inferential evaluation of great texts, the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students will master the comprehension and literary analysis strategies that the Common Core State Standards require. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students will 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. Course updates include engaging unit openers and new Performance Task assessments. (Eng 11)

English Language Arts 12*

This senior-year English Language Arts course invites students to explore a diverse collection of texts across twenty units. Students engage in literary analysis and inferential evaluation of both classic and contemporary literature. While critically reading fiction, poetry, drama, and expository nonfiction, students learn and apply comprehension and literary-analysis strategies. Tasks encourage students to strengthen their oral language skills and produce creative, coherent writing. Students read a range of classic texts, including the ancient epic Gilgamesh, William Shakespeare's *The Tragedy of Hamlet*, and Oscar Wilde's *The Importance of Being Earnest*. They also study short but complex texts, including essays by Jonathan Swift and Mary Wollstonecraft, and influential speeches by Queen Elizabeth I and Franklin D. Roosevelt. Students engage in reading a variety of contemporary texts including texts by Seamus Heaney and Derek Walcott, as well as a variety of informational texts and multimedia. Course updates include engaging unit openers and new Performance Task assessments. (Eng 12)

Expository Reading and Writing*

This English course is designed to develop critical reading and writing skills while preparing high school students to meet the demands of college-level work. While students will explore some critical reading skills in fiction, poetry, and drama the focus of this course will be on expository and persuasive texts and the analytical reading skills that are necessary for college success. Students will read a range of short but complex texts, including the works by Walt Whitman, Abraham Lincoln, Cesar Chavez, Martin Luther King, Jr. Langston Hughes, Julia Alvarez, Edna St. Vincent Millay, and Gary Soto. Course updates include engaging unit openers and new Performance Task assessments. (Eng 12)

MATHEMATICS

Mathematics 7 (Middle School)

This course begins with an in-depth study of proportional reasoning during which students utilize concrete models such as bar diagrams and tables to increase and develop conceptual understanding of rates, ratios, proportions, and percentages. Students' number fluency and understanding of the rational number system are extended as they perform operations with signed rational numbers embedded in real-world contexts. In statistics, students develop meanings for representative samples, measures of central tendency, variation, and the ideal representation for comparisons of given data sets. Students develop an understanding of both theoretical and experimental probability. Throughout the course, students build fluency in writing expressions and equations that model real-world scenarios. They apply their understanding of inverse operations to solve multi-step equations and inequalities. Students build on their proportional reasoning to solve problems about scale drawings by relating the corresponding lengths between objects. The course concludes with a geometric analysis of angle relationships, area, and volume of both two- and three-dimensional figures.

Mathematics 8 (Middle School)

The course begins with a unit on input-output relationships that builds a foundation for learning about functions. Students make connections between verbal, numeric, algebraic, and graphical representations of relations and apply this knowledge to create linear functions that can be used to model and solve mathematical and real-world problems. Technology is used to build deeper connections among representations. Students focus on formulating expressions and equations, including modeling an association in bivariate data with a linear equation, and writing and solving linear equations and systems of linear equations. Students develop a deeper understanding of how translations, rotations, reflections, and dilations of distances and angles affect congruence and similarity. Students develop rules of exponents and use them to simplify exponential expressions. Students extend rules of exponents as they perform operations with numbers in scientific notation. Estimating and comparing square roots of non-perfect squares to perfect squares exposes students to irrational numbers and lays the foundation for applications such as the Pythagorean theorem, distance, and volume.

Geometry*

Based on plane Euclidean geometry, this rigorous full-year course addresses the critical areas of: congruence, proof, and constructions; similarity and trigonometry; circles; three-dimensional figures; and probability of compound events. Transformations and deductive reasoning are common threads throughout the course. Students build on their conceptual understanding of rigid transformations established in middle school as they formally define each and then use them to prove theorems about lines, angles, and triangle congruency. Rigid transformations are also used to establish relationships between two-dimensional and three-dimensional figures. Students use their knowledge of proportional reasoning and dilations to develop a formal definition for similarity of figures. They apply their understanding of similarity to defining trigonometric ratios and radian measure. Students also make algebraic connections as they use coordinate algebra to verify properties of figures in the coordinate plane and write equations of parabolas and circles. Throughout the course, students investigate properties of figures, make conjectures, and prove theorems. Students demonstrate their reasoning by completing proofs in a variety of formats. The standards of mathematical practice are embedded throughout the course as students apply geometric concepts in modeling situations, make sense of problem situations, solve novel problems, reason abstractly, and think critically. (Geometry)

Prerequisites: Algebra I

Algebra II*

This full-year course focuses on four critical areas of Algebra II: functions, polynomials, periodic phenomena, and collecting and analyzing data. Students will make connections between verbal, numeric, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems. As students refine and expand their algebraic skills, they will draw analogies between the operations and field properties of real numbers and those of complex numbers and algebraic expressions. (Algebra II)

Prerequisites: Algebra I and Geometry

Integrated Math I*

This course formalizes and extends middle-school mathematics, deepening their 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. (Integ Math I)

Integrated Math II*

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. (Integ Math II)

Prerequisites: Int. Math I

Personal Finance*¹

This high-school course 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. (Person FINANCE)

Prerequisites: Int. Math I

Practical Math

Broadening and extending the mathematical knowledge and skills acquired in Algebra I, the primary purpose of Practical Math is to use mathematics as a tool to model real-world phenomena students may encounter daily, such as finance and exponential models. Engaging lessons cover financial topics, including growth, smart money, saving, and installment loan models. Providing timely and highly useful content, this two-semester course is a must-have for any high school student. Prior mathematical knowledge is expanded and new knowledge and techniques are developed through real-world application of useful mathematical concepts. (PRTMath)

Prerequisites: Int. Math I

¹ A-G Career Elective (5 credits)

Integrated Math III*

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. (Integ Math III)

Prerequisites: Int. Math II

Pre-Calculus*

Exploring the relationship between advanced algebra topics and trigonometry, Pre-Calculus is an informative introduction to calculus that challenges students to discover the nature of graphs, nonlinear systems, and polynomial and rational functions. With an emphasis on mathematical reasoning and argument, this advanced course scaffolds rigorous content with clear instruction and an array of scaffolds for learning, providing students with a deep understanding of topics such as matrices, functions, graphing, logarithms, vectors, and conics. The course concludes with a brief introduction to calculus that exposes students to limits, continuity, derivatives, and the Fundamental Theorem of Calculus.

Prerequisites: Int. Math III

Statistics*

This high-school course provides an alternative math credit for students who may not wish to pursue more advanced mathematics courses such as Algebra II and Pre-Calculus. It begins with an in-depth study of probability, with a focus on conceptual understanding. Students then move into an exploration of sampling and comparing populations. The first semester closes with units on data distributions and data analysis—including how to summarize data sets with a variety of statistics. In the second half of the course, students create and analyze scatterplots and begin a basic study of regression. Then they study two-way tables and normal distributions, learning about powerful applications such as hypothesis testing. Finally, students return to probability at a more advanced level, focusing on topics such as conditional probability, combinations and permutations, and sets.

Prerequisites: Int. Math III

SCIENCE

Life Science (Middle School)

Examining a broad spectrum of the biological sciences, Life Science is a full-year course for middle school students that builds on basic principles of scientific inquiry and translates those skills to more complex, overarching biological themes. The course includes units that help students understand the definitions, forms, and classifications of living organisms and learn to analyze the diversity of each unique group of living organisms. Other units introduce students to the structures and functions of cells, cell theory, and cell reproduction. These larger themes are then applied to other topics, such as genetics, Darwinian theory, and human biology and health. An introduction of ecology draws all of these concepts together to examine the interrelationships that help to maintain life on Earth.

Physical Science (Middle School)

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.

Earth and Space Science*

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. (Earth Science)

Biology*

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. (Biology)

Chemistry*

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. 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. (Chemistry)

Prerequisites: Earth and Space Science

Physics*

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 in which students ask questions and create hypotheses. (Physics)

Prerequisites: Chemistry

SOCIAL STUDIES

U.S. History (Middle School)

Offering an interactive and comprehensive overview of American history, this course engages and inspires students to learn about the rich and diverse history of America's native peoples, early European colonization and settlement in America, and the creation of a new nation through the American Revolution. Middle school students enrolled in this course will closely examine major changes brought about by the nation's reconstruction, industrialization, urbanization, and progressive reforms and consider the implications each of these events had on the expansion of the United States' global influence through modern times. Over the course of two semesters, interesting course content encourages students to think carefully about the challenges and opportunities facing the United States in the twenty-first century.

World History (Middle School)

Providing students with an opportunity to learn the diverse history that has shaped our world, this course delves into the evolution of civilization from the rise of ancient empires through the twenty-first century. Middle school students enrolled in this exciting and informative course investigate the development of medieval societies, the effects of the Renaissance and the Reformation, and the progress made during various periods of revolution, industrialization, urbanization, and reform. Over the course of two semesters, students will analyze the effects of political conflicts and social issues on the continuing development and interdependence among nations in the modern world.

World History*

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. (World History)

U.S. History*

This course presents a cohesive and comprehensive overview of the major events and turning points of U.S. history from the establishment of government through the modern age. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. history. As students progress through each era of modern U.S. history, they will study the impact of dynamic leadership and economic and political change on the United States' rise to global prominence, the influence of social and political movements on societal change, and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and between multiple perspectives. Rigorous reading and writing activities incorporate Common Core literacy standards to help students develop critical thinking and communication skills that will prepare them for the future. (US Hist 11)

Economics*

This semester-long 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 economicThis semester-long 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. 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. (Economics)

American Government*

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. 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. (Am Govt)

VISUAL AND PERFORMING ARTS

Art (Middle School)

Middle school students explore and expand on understanding across different topics within the subject of art. Students use artistic practices to develop creative strategies and skills, apply design principles to a variety of media, and acquire increasingly complex procedural knowledge. By the end of the course, students develop an understanding of the role of art in history and culture.

Art*

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 Beg 9-12)

PHYSICAL EDUCATION

Physical Education (Middle School)

This course is designed to provide students with the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. Students participate in pre and post-fitness assessments in which they measure and analyze their own levels of fitness based on the five components of physical fitness: muscular strength, endurance, cardiovascular fitness, flexibility, and body composition. In this course, students research the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

Physical Education

Lifetime Fitness, which is a four-semester physical education course, takes students through a variety of physical education topics including nutrition, exercise, sports, and more. In this course, students will complete weekly fitness Logs to track their required fitness activities. (PE)

GENERAL ELECTIVES

Geography*

Examining current global issues that impact our world today, this course takes a thematic approach to understanding the development of human systems, human understanding of the world, and human social organization. Divided into two semesters, this high school course will challenge students to develop geographic skills, including learning to interpret maps, analyze data, and compare theories. Offering interactive content that will grow students' understanding of the development of modern civilization and human systems—from the agricultural revolution to the technological revolution—this course encourages students to analyze economic trends as well as compare global markets and urban environments. (Geography)

Health*

This two-semester course designed for high school students examines and analyzes various health topics. It places alcohol use, drug use, physical fitness, healthy family, peer, and dating relationships, disease prevention, and mental health in the context of the importance of creating a healthy lifestyle. Throughout the course, students examine the 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 health practices. In addition, students are asked to conduct in-depth reflection in order to create mentally and emotionally healthy relationships with peers and family, and to devise healthy nutrition, sleeping, and physical fitness plans. Students also examine and analyze harassment and bullying laws. The Health course does cover sensitive topics such as sexual intercourse, contraception, sex and gender, pregnancy, sexual harassment, physical violence, emotional abuse, sexually transmitted infections, and substance use and abuse. (Health)

Psychology*

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. (Psychology)

Sociology*

Providing insight into the human dynamics of our diverse society, this is an engaging two-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. (Sociology)

Success Strategies

This one-semester course provides students with a comprehensive analysis of different types of motivation, study habits, and learning styles, including how to work independently and responsibly in virtual learning environments. Featuring direct-instruction videos, interactive tasks, and authentic projects, the course provides in-depth instruction and practice in important study skills such as time management, effective note-taking, and test preparation. By the end of the course, students will understand what it takes to be successful online learners that produce high-quality work with responsibility and integrity. (StrategAcSucc)

Driver's Education

The lessons students learn in this course will help keep them safe behind the wheel for a lifetime. With rigorous and engaging instruction and activities, this course keeps students focused while they learn the rules of the road and includes interactive lessons, driver training guides, teaching videos and 3D animations, case studies and notes, and dozens of practice tests. Course materials are accessible through a user-friendly LMS and on all devices. Course progress is automatically saved so students can pick up right where they left off. Once they've finished the course, students can take their final test online, and after

passing it, will earn their Certificate of Completion from an appropriately licensed school, and will earn 2.5 elective credits. (Drivers Ed)

FOREIGN LANGUAGE

Spanish I*

Students begin their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The two-semester course consists of 36 weekly units (18 units each semester). Each week consists of a new vocabulary theme and grammar concept, helping students to master common vocabulary terms and phrases, comprehend a wide range of grammar patterns, instigate and continue simple conversations, and respond appropriately to basic conversational prompts. Students will be able to regularly assess progress in proficiency through quizzes, tests, and speaking/writing submissions. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages). (Spanish 1)

Spanish II*

Students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The two-semester course consists of 36 weekly units (18 units each semester) and represents an ideal blend of language learning pedagogy and online learning. Students will engage in language learning by mastering common and some specialized vocabulary terms and phrases, comprehending a wide range of grammar patterns, instigating and continuing simple conversations, and responding appropriately to increasingly nuanced conversational prompts. Students will also be able to regularly assess their progress in proficiency through quizzes, tests, and speaking/writing submissions. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages). (Spanish 2)

Spanish III*

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. The two-semester course consists of 36 weekly units (18 units each semester). 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, reading and listening comprehension activities, and speaking and writing activities. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages). (Spanish 3)

French I*

Students begin their introduction to French with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The two-semester course consists of 36 weekly units (18 units each semester). The course represents an ideal blend of language learning pedagogy and online learning. Each week consists of a new vocabulary theme and grammar concept, interactive activities reinforcing vocabulary and grammar, reading and listening comprehension activities, and speaking and writing activities. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages). (French 1)

French II*

Students continue their introduction to French with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The two-semester course

consists of 36 weekly units (18 units each semester) and represents an ideal blend of language learning pedagogy and online learning. Each week consists of a new vocabulary theme and grammar concept, numerous interactive activities and games reinforcing vocabulary and grammar, reading and listening comprehension activities, and speaking and writing activities. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages). (French 2)

CTE

Career Readiness

Introducing high school students to the working world, this two-semester 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. (Career Readiness)

Introduction to Business and Finance

In this two-semester 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. (Intro Business)

Live Courses

In addition to the standard high school coursework, SAVA students participate in career-technical education, service learning opportunities, dynamic elective offerings, and hands-on workshops focused on career readiness and exploration. These additional educational opportunities equip students with the academic, career, and personal skills necessary to succeed in all areas of life. At SAVA, all student learning experiences emphasize GRIT: Growth, Responsibility, Independence, and Twenty-First Century Skills.

ENGLISH LANGUAGE ARTS

Accelerated ELA

Students will focus on reading fluency for comprehension at, or just above, their current reading level. A key component will be that students will record themselves for self-review and be able to measure their own progress auditorily. Other components of the course will focus on answering content questions from text and developing strategies for utilizing text for assessment. The course will utilize Lexile scoring to select reading content and measure gains. (Acc. ELA 1 / Acc. ELA 2)

ELD Core*

English Language Development-Core is an intensive course that provides students with diverse and rigorous learning opportunities designed to develop academic language fluency, high level linguistic competence, and college preparatory composition and literature skills. Learning and performance goals for this course include developing students' individual language plan goals while targeting Common Core State Standards. ELD Core covers the four language domains of Listening, Speaking, Reading, and Writing using a variety of research-based instructional strategies and assessments. Progress toward learning outcomes is closely monitored and adaptations to materials, instruction, planning, and assessment procedures are tailored in response to close examination of data. (ELD CORE)

ENGLISH LANGUAGE ARTS 9/10- Social Justice

This first part of the course engages students in literary analysis and inferential evaluation of texts both fiction and informational. 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 texts including Free the Children. They will also study short but complex texts, including first person narratives, news articles and laws around the topics of sweatshops, poverty, and identity.

This second part of the course engages students in literary analysis and inferential evaluation of texts both fiction and informational. 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 texts including This Land is Our Land and American Street. They will also study short but complex texts, including first person narratives, news articles and laws around the topics of immigration and climate change.

*This course's texts/ unit topics will change as we develop more years of curriculum.

ENGLISH LANGUAGE ARTS 11/12- Social Justice

This English course engages students in literary analysis and inferential evaluation of texts both fiction and informational. 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 texts including Freedom's Children, "I Have a Dream", Gay Revolution: The Story of the Struggle. They will also study short but complex texts, including first person narratives, news articles and laws around the topics of civil rights and equity. Students will also read American literature selections and seminal American documents.

Within the class is an inquiry-driven multi-disciplinary examination of criminal justice in America through a narrative book study of a real-life event. Students work toward constructing culminating projects, where learning is individualized with the use of dialogue using Thinking Routines. Students will develop critical thinking, literacy, reasoning and problem-solving skills as they examine both a real-world issue sensitive to our lives, and a problem to be solved in society. This course focuses on the English Language Arts: College and Career Readiness Anchor Standards for writing, reading, speaking and listening, language, literature and informational text, as well as some History and Social Studies.

*This course's texts/ unit topics will change as we develop more years of curriculum.

Expository Reading and Writing*

This English course provides live instruction and is designed to develop critical reading and writing skills while preparing high school students to meet the demands of college-level work. While students will explore some critical reading skills in fiction, poetry, and drama the focus of this course will be on expository and persuasive texts and the analytical reading skills that are necessary for college success. (Eng 12)

Creative Writing

Becoming a children's book author is an exciting, imagination generating experience that makes students of all ages want to write and share aloud. It's academic and engaging, and "disguised learning" at its best. Students can collaborate with multiple authors, as well as write independently. Students develop their stories using an extensive set of prompts, worksheets, graphic organizers, and vocabulary banks. (Write Brain)

MATHEMATICS

Integrated Math I

This course is designed to be more relevant, meaningful, accessible, and a truly integrated version of Int. Math I. For the first semester this fall, students will explore what math is and why we use math, basic geometric concepts and measurement, basic statistics concepts and different ways of displaying data, basic algebraic concepts and how algebra allows us to explore unknowns and describe patterns and relationships in our measurements and data in new powerful ways to solve complex problems, and looking at linear relationships through geometric, statistical, and algebraic lenses. This class is for students who are ready for Integrated Math I and would benefit from additional instructional support. Prerequisites: Foundational Math Skills (pre-assessment) or Math Essentials (if applicable)

Integrated Math II

SCIENCE

SOCIAL STUDIES

Ethnic Studies*

Ethnic Studies is the critical study of race and ethnicity with a focus on the experiences and perspectives of black, Indigenous, and people of color. It is designed to give students both an introduction to the experiences of ethnic communities that are rarely represented in textbooks, as well as a powerful way to understand race, ethnicity, nationality, and culture in the United States. It will equip students with a critical way to see the world and their place in it. In addition, students will learn about the history of various social movements and how people have fought for justice, including the establishment of ethnic studies programs in public schools and universities. In this class, students will be supported to discover and use their own power for the benefit of not only themselves, but their community and the larger society. (Ethnic Studies; 5 Elective Credits)

VISUAL AND PERFORMING ARTS

GENERAL ELECTIVES

Men's Leadership

Men's Leadership is a 5 credit per semester elective course in which students will learn valuable leadership skills. The purpose of the Men's Leadership class is to teach 9- 12th grade males about the importance of being responsible, and to empower them to become leaders. The class aims to provide students with the tools and skills to succeed, including: teamwork, leadership, life skills, problem-solving, and resiliency. Throughout this class, students will learn how they can achieve their highest potential by setting high expectations, as well as an emphasis on character, leadership, and discipline. In Men's Leadership, we are preparing today's learners to become tomorrow's leaders. (Leadership 9-12)

Navigating Adulthood

In this one-semester course students learn the practical skills necessary to efficiently navigate many of life's common challenges. It will cover a variety of concepts including self concept and self-esteem in adulthood, communicating in adult and family relationships, life stages and family units, parenting and child rearing, time management, money management including major purchasing decisions, and taking care of and setting up a household.

Introduction to Parenting

Introduction to Parenting is a live class with possible zoom accommodations. It is a one-semester course where students will be working through a curriculum called, *Parenting, Rewards and Responsibilities*. This curriculum will introduce students to the concepts of how to become an effective parent, as well as, what does it mean for a person to have parenting readiness. This class will also introduce information about pregnancy, and also discuss alternative methods to conceiving, as well as, adoption and foster parenting. There will also be a basic introduction to child development concepts, which will also include the benefits

and challenges that go along with raising a child. Students will learn the material through reading and comprehension activities, discussions, writing and reflection activities, and completing unit projects or essays. There will also be an opportunity for students to earn 1 credit of service learning. This class is intended to be inclusive to all students. It is intended to support the parenting perspectives for both male and female roles, as well as for same-sex couples in a parenting role.

Parenting

Parenting is a live class. This is a 13-week class where a teacher facilitates a group, and the class sessions are held once a week for 1 hour. The class has been structured to serve only teen(young) moms that are either pregnant or currently parenting. The class is supported by two published parenting curriculums: Power Source Parenting: Growing up Strong & Raising Healthy Kids and Discipline From Birth to Three. In this class, students will be learning various topics related to pregnancy and parenting. They will learn the material through reading and comprehension, writing activities, games, using mindfulness skills, and group discussion. An important aspect of the class is that it is also a support group, and a place where the students can build relationships with their peers who all have something in common. (There is also some curriculum available for teen dads, but they have the option to complete it independently with some support from the teacher.) (Parent Supp)

Leadership

Leadership focuses on developing and understanding personal identity, identifying personal values and living in alignment with them, anti-bullying and upstander skills, assertiveness, and the development of interpersonal skills. Students explore who they are and who they want to be someday. We discuss Emotional Intelligence and develop plans to help students grow in the areas they identify. This class utilizes the Leadworthy curriculum created by the Flippen group and other materials from organizations such as Learning through Justice from the SPLC.

Students get involved in on-campus events, participate in fundraising, and lend their voices when decisions are being made that affect the student population. An emphasis on service, improving the spaces we are a part of, and personal growth leaves students with a greater understanding of who they are, how they want to live, and how to get there. Looks great on a resume too!

Women's Leadership

Women's Leadership is a semester-long course, with a strong focus in Social Emotional Learning. In this course, students will be introduced to the CASEL Framework focusing on the 5 key SEL competencies, which are: Self Awareness, Self Management, Social Awareness, Relationship Skills and Responsible Decision Making. Students will focus on these key areas in order to discover who they are as young women. This personal insight provides a positive foundation in identity awareness, as well as knowledge development. In this course, students are essentially set up to have success throughout their life as a confident leader, empathetic individual, and community builder.

Additionally, this course infuses creativity through student art exploration and focused collaboration, within the topics of the 5 CASEL competencies. Students interested in this course should be prepared to participate fully, show vulnerability and commit to attending class. This leadership journey utilizes the greater Sacramento area to discover ways teens can learn and experience community service; thus class may meet outside of normal class times on occasion.

SENIOR BLOCK

Senior Capstone

This class will cover three important sections: Service Learning Project, RoadTrip Nation, and Senior Portfolio. Senior capstone is intended to improve presentation and leadership skills for work, college and beyond. Throughout the class, students will explore different career paths and options by working on their strengths, interests, goals, and dreams. The program is designed to assist students with discovering what they want to pursue after high school. As modeled through the program, students will be required to conduct interviews with community leaders for a final project. Additionally, students compile a portfolio that includes a personal statement, a career exploration/preparation essay, multiple job applications, multiple letters of application and interest, letters of recommendation, a Service Learning essay, and a live presentation of the portfolio to a graduation committee. (Senior Capstone)

Service Learning

In this course, students participate in a service learning opportunity that will enhance their leadership and team working skills. All projects improve and provide service to the local community. Students will learn of opportunities from their teachers. Students will be able to sign up for their project choice. Past opportunities include: Partnership with SPCA, Elk Grove "Box City" project, Women in Construction, Mock the Vote project & many more. (Service Learn)

CTE Courses

At SAVA Charter School Sacramento, every student engages and participates in high-quality, rigorous, and relevant educational pathways and programs. Our courses are created in collaboration with leading business and industry partners and local community colleges – promoting creativity, innovation, leadership, community service and life-long learning. Career Technical Education (CTE) programs are developed in response to student interest surveys with emphasis on the potential for career opportunities within focused industries. Delivered in a classroom setting, our courses provide students cutting-edge technology and group interactions with hands-on experiences. Many of our CTE classes are now articulated with local community colleges, giving students the opportunity to earn college credit for completing these courses with a course grade of B or higher. Upon completion of these courses, in addition to earning college credits, students are given priority enrollment opportunities by community colleges.

CTE PATHWAYS FLOWCHART

[Learn more about the pathways and what route your students should take through courses in this flowchart.](#)

ARTS, MEDIA & ENTERTAINMENT SECTOR

DESIGN, VISUAL & MEDIA ARTS PATHWAY

Photo 1* (5 credits)

This class concentrates on many areas of photography: technical skills, creativity, composition, computer/digital imaging, and some alternative processes. Control of photo equipment and techniques, experimentation, problem solving, and portfolio development are critical to the course. This course requires approximately three or more hours of work per week. Students will meet in class once a week, with three hours of work to shoot, and digitally manipulate photographs, which will be arranged according to the school's Lab schedule. The weekly assignments are designed to build technical skills and creative expression. It is crucial to keep up with every project, as the critiques for each assignment provide substantial information and feedback on each individual's work. The first semester of this course is designed for students with little or no photography background. First semester instruction will cover all aspects of black and white photography, digital enhancement, including an introduction to the use and proper handling of a DSLR (Digital Single-Lens Reflex) camera, light reading as a creative tool. Creative and technical instruction will be presented through lectures, study of the great masters of photography along with the history of photography, in class critiques, as well as through individual discussions with the teacher.

Prerequisites: None

Photo 2* (5 credits)

This class concentrates on many areas of photography: technical skills, creativity, composition, computer/digital imaging, and some alternative processes. Control of photo equipment and techniques, experimentation, problem solving, and portfolio development are critical to the course. This course requires approximately three or more hours of work per week. Students will meet in class once a week, with three hours of work to shoot, and digitally manipulate photographs, which will be arranged according to the school's Lab schedule. The weekly assignments are designed to build technical skills and creative expression. It is crucial to keep up with every project, as the critiques for each assignment provide substantial information and feedback on each individual's work. This course is designed for students who have taken and passed Beginning Photo. During the course of the semester instruction will cover various aspects such as: digital enhancement, Adobe Lightroom 5, High Dynamic Range (HDR), architecture, urban landscapes, landscapes and animal photography. Various field trips and speakers will also be included in

the course. Creative and technical instruction will be presented through lectures, study of the great masters of photography along with the history of photography, in class critiques, as well as through individual discussions with the teacher.

Prerequisites: Photo 1

Photo 3 (5 credits)

This course requires approximately three or more hours of work per week. Students will meet in class once a week, with three hours of work to shoot, and digitally manipulate photographs, which will be arranged according to the school's Lab schedule. The weekly assignments are designed to build technical skills and creative expression. It is crucial to keep up with every project, as the critiques for each assignment provide substantial information and feedback on each individual's work.

Prerequisites: Photo 2

Photo Journalism (5 credits)

Prerequisites: None

PERFORMING ARTS PATHWAY

Recording Workshop (5 credits)

This course introduces students to the fundamentals of sound and music productions. Students will learn multiple aspects of the music recording and production industry including, but not limited to: hardware, software, lyrics, music, promotion, and video work. Students will write, edit, and produce their own music as well as work with outside talent. Students will create a digital portfolio and be able to present their work to prospective employers. (This is not a “beat making class”, think audio manipulation)

Prerequisites: None

Recording Studio Techniques (5 credits)

This is an introductory course into the concepts and theories in the music and recording industry. Students will learn about sound and music and the technical aspects of software such as Protools. Students will also work hands-on in a recording environment and learn basic instruments, playing on keyboard, guitar, bass and drums.

Prerequisites: Recording Workshop

ProTools (5 credits)

This is an in depth course on DAWs (Digital Audio Workstations), focusing in The Platform, Pro Tools, as well as exposure to Cubase . Students will learn menu structure, and the use of editing tools. Students will create music through MIDI (Musical Instrument Digital interface). Students will also learn advanced concepts in analog microphone techniques in organic recording.

This class' requirements include work on musical projects and personal projects. Pro Tools will also mix existing recording tracks using real contemporary artists such as The Beatles and Marvin Gaye.

Prerequisites: Recording Theory

Broadcasting (5 credits)

Prerequisites: None

BUILDING TRADES & CONSTRUCTION SECTOR

RESIDENTIAL & COMMERCIAL CONSTRUCTION PATHWAY

Construction 1 (5 credits)

This course emphasizes job site safety, practical working knowledge of tool and equipment use, an introduction to blueprints, and an overview of industry math. In this class students will get to build projects such as a tiny house and adirondack chairs. The tiny house will be donated to a homeless veteran in need.

Prerequisites: None

Women In Construction (5 credits)

This class helps the female student to prepare for a high skill, high wage career in construction. In this class young women will learn basic trades math and measurement, receive an introduction to green building, explore topics such as job site safety and construction culture, and learn to use hand and power tools. This class runs concurrently with Construction 1.

Prerequisites: None

Construction 2 (5 credits)

This course provides students with in-depth analysis of the organization and structure of the construction industry and the many career choices the industry offers. The emerging “green building” jobs will be examined, as well as other topics in sustainability. Students will be team leaders when building tiny houses and compete in a shed building competition.

Prerequisites: Construction 1 or Women In Construction

Construction 3 (5 credits)

Each tiny house is hand-crafted by students. These students learn construction skills as they read drawings, frame, roof, hang windows and doors, install solar, insulate, drywall, texture and paint, and cut baseboards. The students obtain a skill, putting them on a pathway to a career in the construction industry.

(entrance based upon approval of instructor)

Prerequisites: Construction 2 + Elective Construction Course

CREATE (Construction Redevelopment Engineering Architecture Trade Education) (5 credits)

(Construction Elective)

This class is a construction class that competes in a competition that designs and creates a model to convert an existing building into either a traditional mixed-use development or an entertainment facility. This course will include creating resumes, essays, field trips, guest speakers, creating a floor plan, and competing in a competition against other schools.

(entrance based upon approval of instructor)

Prerequisites: Construction 1 or Women In Construction

HVAC & Plumbing (2.5 credits)

(Construction Elective)

The Plumbing program provides students with a basic understanding of the materials, tools and processes used by plumbing professionals to complete residential and light-commercial plumbing assignments. Students learn safe-work practices, hand and power tool identification and operation, as well as the common fixtures and components used to assemble water and waste systems. The program also provides instruction on the design and installation of standard plumbing systems, plumbing applications to HVAC systems and specialty systems for recreation and irrigation.

Prerequisites: Construction 1 or Women In Construction

GRID Solar (2.5 credits)

(Construction Elective)

Prerequisites: Construction 1 or Women In Construction

FASHION & INTERIOR DESIGN SECTOR

FASHION DESIGN & MERCHANDISING PATHWAY**Fashion Design 1 (5 credits)**

This class is a year long course beginning with an introduction to fashion history. Topics will include the history of textile, knitting and knit fabrics, dyeing and printing. Students will learn about the production and manufacturing process and create their own designs to present at a fashion show at the end of the course as the culminating class project.

Prerequisites: None

Fashion Design 2 (5 credits)

In the second semester continuation of Fashion Design, students will be designing, sewing, and manufacturing their own clothing line. Students will learn about fabrics and colors. Students will have an opportunity to show their designs in a fashion show setting.

Prerequisites: Fashion Design 1

Fashion Design 3 (5 credits)

Prerequisites: Fashion Design 2

HOSPITALITY, TOURISM & RECREATION SECTOR

FOOD SERVICE & HOSPITALITY PATHWAY

Intro to the Kitchen (2.5 credits)

Over the course of 7 weeks students will learn to function as a member of a kitchen group and how to use basic kitchen appliances. Subjects covered include basic kitchen safety & etiquette, kitchen sanitation, recipe reading & selection, precision measuring & weighing, and home baking techniques. Basic math and writing skills are required, but this is primarily a hands-on learning experience.

Prerequisites: None

Nutrition In The Kitchen (5 credits)

Students will be in the kitchen cooking nearly every week. They will continue to hone their skills functioning as part of a kitchen group and take turns leading their peers. Subjects covered include knife use & kitchen safety, basic nutritional needs, living a healthy lifestyle, budgeting & shopping, exploring sources of our food supply, and public speaking. Basic math and writing skills are required, but this is primarily a hands-on learning experience that teaches essential life skills.

Prerequisites: Intro to Kitchen

Culinary Arts 1 (5 credits)

provide students with a ServSafe CA food handler's card (required for employment), 3 college credits, and automatic enrollment as a student at American River College. Students will also prepare a skills based resume, receive advice and coaching on successful job interviewing techniques, and gain real world experience working as part of a crew in a full-sized commercial kitchen.

Prerequisites: Nutrition in the Kitchen

HOSPITALITY TOURISM & RECREATION PATHWAY

Intro to Fitness and Recreation (2.5 credits)

This is a 3 day class: 2 workout days and 1 recreation day. This course encourages the student to identify and demonstrate an understanding of the value, meaning and benefits of outdoor recreation experiences and to explore a variety of outdoor adventure experiences. Outing skills such as trip planning, meal preparation, camp selection and set-up, equipment and clothing, map and compass, hygiene and first aid will be discussed and practiced. Students will also develop an awareness of and appreciation for minimum impact wilderness travel techniques and environmental responsibility and ethics.

Prerequisites: None

Fitness Design (5 credits)

This is a 3 day class: 2 workout days and 1 recreation day. This class builds on builds on the skills acquired during Fitness 1 wherein students will take on advanced leadership roles in planning, coordinating, and developing fitness plans and recreation field trips. They will be in charge of programming fitness workouts that focus on varied functional movements performed at high intensity to improve students' strength and aerobic capacity. They will monitor students' movements to ensure they are moving with proper form and technique. In Recreation they will take on planning and budgeting, as well as scouting for trips ensuring that students are safe and enjoying themselves.

Prerequisites: Intro 2 Fit N Rec

Recreation Design (5 credits)

Prerequisites: Fitness Design

PUBLIC SERVICES SECTOR

EMERGENCY MEDICAL RESPONSE PATHWAY

Intro to Medical & Health Sciences (2.5 credits)

TRANSPORTATION SECTOR

SYSTEM DIAGNOSTICS, SERVICE & REPAIR PATHWAY

***Collision Basics (5 credits)**

This course covers the basics of automotive collision repair of traditional, electric, and electric hybrid vehicles. Topics include use and disposal of hazardous materials; lighting, starting, and charging systems; and appropriate use and maintenance of tools and equipment.

Prerequisites: None

Collision Demolition & Rebuild (5 credits)

This course provides a hands on technical principles and theories to perform supervised repairs to vehicles. It covers how to safely remove, replace and align bolt-on auto body parts including hoods. Fenders, doors, bumpers, interiors headlights, taillights and engine components. It will also cover audio and video systems, removal and reinstallation of movable glass and diagnosis of wind noise and water leaks.

Prerequisites: Non Structural Repair

Collision Estimating (2.5 credits)

This course provides the technical and practical skills necessary to properly diagnose collision-damaged vehicles and to document the cost and time necessary to repair collision-damaged vehicles. The use of state-of-the-art computer generated estimating programs and video imaging are used to prepare itemized estimates on collision-damaged vehicles. The procedures to prepare itemized estimates detailing the required procedures and parts necessary to correctly repair the vehicle are also covered.

Prerequisites: Collision Basics

Auto Detailing Basics (2.5 credits)

This course provides the technical principles and theories to perform the following repairs on the interior and exterior defects of Automotive finishes . These repairs include: Scratch Removal, Headlight Reconditioning, Windshield Repair, Window Tinting, Interior Vinyl Repair, Fabric Repair, Plastic Repair, Interior Detailing, Exterior Detailing, Paint Touch-Up and Chip Repair

Prerequisites: Collision Basics

Collision: Non-Structural Repair (5 credits)

This course provides the technical principles and theories to perform limited and supervised repairs to collision-damaged vehicles. It covers the fundamentals and theory of automotive collision repair procedures including composite repairs and replacements. Foam application techniques pertaining to noise reduction and structural strength are implemented. Additionally, metal straightening theory and techniques for steel and aluminum repairs, and the decision to make repairs vs. replacement are included.

Prerequisites: Collision Basics

Introduction to Welding & Fabrication (5 credits)

This course is designed for the student who would like to experience what is involved in the welding and fabrication industry. General information topics such as precision measuring tools, metallurgy, basic metalworking hand tools, and safety will be studied.

The student will learn how to spot weld, gas weld, and gas metal arc weld metal. Gas and Plasma cutting is covered along with grinding and sanding techniques.

The machining phase of the course will acquaint the student with the various machines used in industry. The student will learn how to safely operate Drill presses, grinders and power saws. This course also covers computer operated machining tools. The student will design, program, and run individual projects on a CNC Plasma machine.

The student will have an opportunity to produce small individual projects as well as work cooperatively on group projects

Prerequisites: None

Classes Not Currently Being Offered this Semester

- Intro to Welding
- Welding 2