SPRINGS STUDIO FOR ACADEMIC EXCELLENCE
2018-19 COURSE REGISTRATION GUIDE

Introduction
Springs Studio's mission is to engage students in an innovative, rigorous digital learning environment that prepares students for the 21st century and beyond. Springs Studio for Academic Excellence will provide high expectations that encourage critical thinking skills with comprehensive learning opportunities for every student. All students do not learn the same way nor do they thrive in the same environment. Learning occurs when students feel valued and engaged in the learning process.

This registration guide is designed in alignment with our mission and beliefs, in an attempt to offer our students a rigorous course of study. This guide is a resource for students and parents. Parents play a crucial role in guiding their students through high school and helping them to make the best academic choices that are in concert with post-high school plans. The important role of the parents does not end with the selection of courses, however. Parents also need to accept the role of holding their child accountable for course completion and consistent engagement.

When you have questions, please do not hesitate to contact the counselor. We urge each student and each family to consider carefully the course of study for next year.

Looking Ahead & Planning
As we look ahead to the new school year, we are excited about the opportunities to help facilitate students toward specific academic pathways and a plan toward their post secondary life. Life beyond high school is different than what it used to be. Most jobs in Colorado, now and in the future require degrees and certifications. There are fewer jobs for high school graduates now that at any other time in Colorado history. Students who graduate and work in Colorado will need in-demand skills that meet business, industry, and higher education standards.

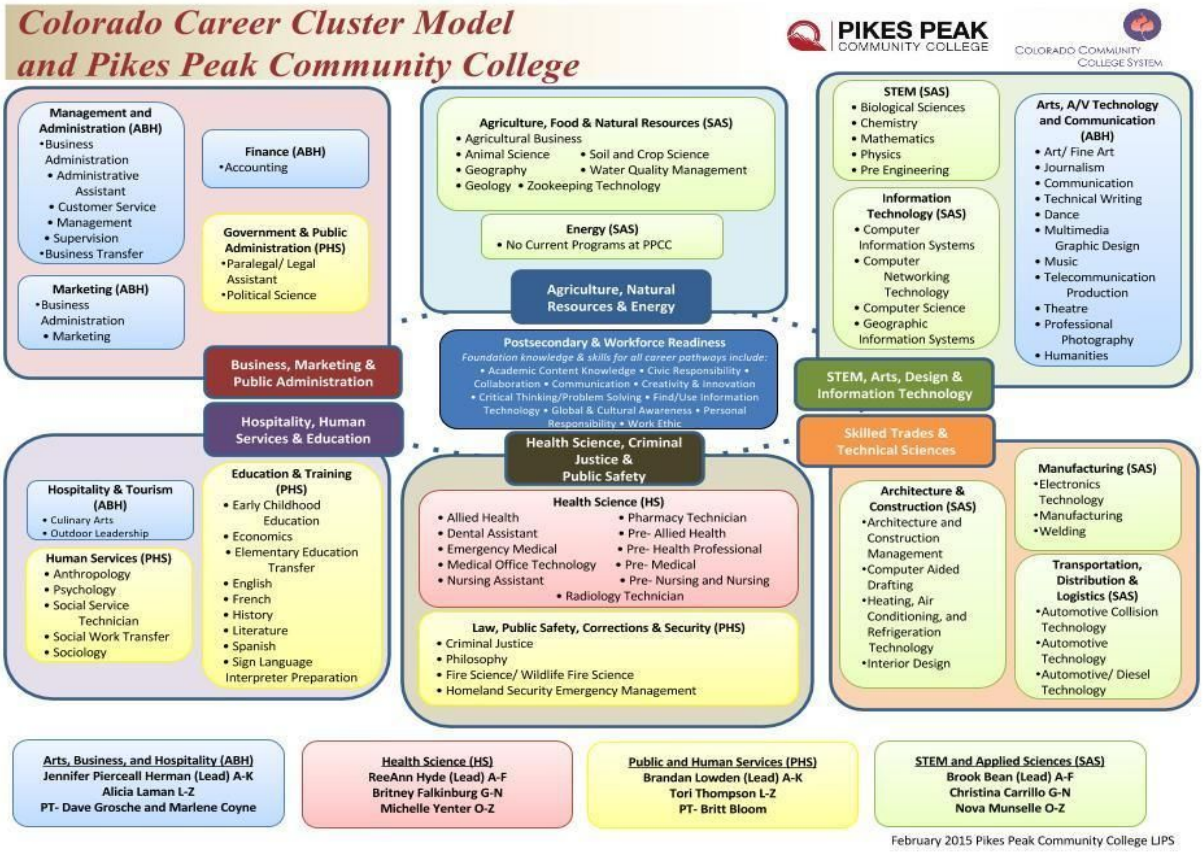
As a result, at SSAE, course choices should and will center around the students Individual and Career and Academic Plan and personalized pathway. ICAP is a multi-year process that intentionally guides students as they explore career, academic, and postsecondary opportunities. With the support of adults, students develop the awareness, knowledge, attitudes, and skills to create their own meaningful and powerful pathways to be career and college ready. ICAPs help students imagine a future career and helps them design their individual pathway to achieve their goals. Students have a chance to look inside ─ to determine their interests and passions- and outside to explore and experience career opportunities. With greater knowledge, they can imagine and then craft their individual career pathway to success.

Three out of four jobs in Colorado will require education or training beyond high school. When students take the initiative to complete a meaningful ICAP, they find out which pathways fit their learning styles and their unique talents, which careers ignite their imagination and what kind of training and academic experiences will prepare them for in-demand jobs now and for jobs that may not exist when they graduate from high school. When students complete a meaningful ICAP process, they:

- Are more motivated to attend school and stay engaged
- Become confident learners who can actively set goals
- Have access to quality career guidance activities

- Connect the relevance of education to future aspirations
- Understand and demonstrate self-exploration, career exploration and career planning and management
- Make secondary and postsecondary course plans to pursue career and life goals
- Are connected to their college and career goals
- Select a pathway that strategically aligns with self-defined career, college, and life goals
- Are able to articulate their skills and apply knowledge about how their actions today connect with their goals
- Establish better communication and relational connections between school and home

https://www.collegeincolorado.org/images/cic/pdfs/Resources/publications/compiled_cluster_sheets.pdf



ADVANCED PLACEMENT COURSES

Springs Studio has determined that, due to the online environment and the nature of AP courses, Concurrent Enrollment is a better option for our students. The Concurrent Enrollment program provides students the opportunity to pursue college-level studies while in high school.

CAREER START

Students attending the Career Start program earn credit, which can be applied toward high school graduation. Curriculum for Career Start courses are a compilation of various entry-level college courses for that particular area of study. The number of courses covered within each program and the grades students achieve within those individual courses throughout the year will determine the amount of college credit received. This college credit may be applied to a postsecondary certificate or degree.

CONCURRENT ENROLLMENT OPPORTUNITIES

The Concurrent Enrollment Programs Act (CRS 22-35-101 and HB 09-1319) provides the opportunity for qualified high school students to take post secondary courses while in high school and concurrently receive both high school and college credits. College courses may be delivered on high school campuses by certified college adjunct instructors or on college campuses by college professors. D49 is committed to paying for college tuition, based on the current resident community college tuition rate, for students who have the academic and personal readiness skills to be in a college setting.

Springs Studio for Academic Excellence offers Concurrent Enrollment opportunities for qualifying students to

promote students on college path to an associate's degree prior to HS graduation. Our families deserve customized options that fit the needs of their students and support their individual career and college goals. Students can enjoy earning free college credits on both high school and college campuses, while simultaneously completing high school graduation requirements. We are pleased to partner with you through deliberate course planning and advising, as we thoughtfully shape the journey to your college degree, professional certification, career plans, and life after high school. And if you love the early college experience, apply for an extra year through the ASCENT Program.

Students in grades 9-12 are eligible
Student must express an interest in participating
Student must create an Individual Career and Academic Plan (ICAP) and update accordingly
Student must meet prerequisites for college courses, which includes previous year grades to be a C or above in all high school courses

HIGHER EDUCATION ADMISSION REQUIREMENTS (HEAR)
In 2003, the Colorado Commission on Higher Education adopted the Higher Education Admission Requirements (HEAR), which are entry requirements for students planning to attend any of Colorado's public four-year colleges or universities. Private colleges and universities set their own admission standards, so students should contact those institutions directly for information regarding their enrollment policies. Additionally, public two-year colleges have open enrollment policies, meaning that students applying to these schools do not need to meet the following admissions requirements.

Meeting the Higher Education Admissions Requirements does not guarantee admission to a four-year public institution. Colleges and universities may have additional requirements. More information on Colorado admission requirements and to calculate your Admission Eligibility visit: http://highered.colorado.gov/Academics/Admissions/

Content Area	SSAE Graduation Requirements	H.E.A.R. Requirements
English	4 credits	4 years
Social Studies	3 credits (one must be World History or U.S. History and Government)	3 years (one must be World History or U.S. History)
Science	3 credits	3 years (Two years must be lab based)
Mathematics	3 credits	4 years (Algebra 1 and higher)
Foreign Language or Practical Arts	1 credit	Prefer 2 years of same Foreign Language
Fine Arts	1 credit	
Physical Education	1 credit	
Health	.5 credit	
Additional Electives	7.5 credits (8 for Class of 2021+)	
Academic Electives		2 years

Choosing Courses

STEP ONE: Know what you need for graduation

Students can see a counselor to get an unofficial printout of their transcript. This is most important for incoming 11-12th graders. Graduation requirements are included in this course guide, as well as HEAR which are helpful for those preparing for college.

STEP TWO: Look over the course guide

Students and families are encouraged to look over the course guide and discuss course options. While a conversation will occur with a counselor where the student can ask questions and obtain guidance, sometimes a pre-conversation can be helpful. Things to think about when choosing courses:

Does this course sound interesting to me?

How does it fit with my interests and career goals?

Have I chosen classes that will help me reach graduation?

Have I chosen classes that will help me reach college admission (if relevant)?

STEP THREE: Speak with teachers

Each subject area teacher knows you, as well as their curriculums. If you have questions, please talk with them. It is particularly helpful to speak with your math and science teacher to make sure you are completing a logical course sequence.

STEP FOUR: Meet with a counselor

In the coming weeks counselors will meet individually to choose courses. These meetings are brief conversations where students can ask questions and receive advising. It is our goal as counselors to help you make choices that will set you up for a successful future, one that is in the direction you would like to go. Although we know we will not see every student on these days, here is when we will be targeting each group.

All students should have about 6-7 classes chosen that they are interested in taking. These will most likely include: English, Math, Science, Social Studies and electives (if you have completed all the requirements for a subject then please choose additional elective courses, keeping in mind what you still need for graduation).

Counselors will be in the main area and near classes to meet with you. On your days (especially if you don't have typical grade level courses) make sure to look for us and talk to us. There are a lot of you and just two of us, so your help with seeking us out is invaluable.

Grade Level Registration Days

2018-2019 Seniors: February 27th and March 1

2018-2019 Juniors: March 6 and March 8

2018-2019 Sophomores: March 13 and March 15

2018-2019 Freshmen: March 7th and March 14th

If you do not typically come into the building, it would be very helpful for you to do so on one of your scheduled school days. If it isn't possible for you to come into the building on one of these days, we will contact you after Spring Break to setup an appointment. Please do not contact us, we will use the data of who is not registered to know who to contact after Spring Break.

English Language Arts

ENGLISH I Credit: 1

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. **NCAA Approved**

ENGLISH II Credit: 1

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. **NCAA Approved**

American Lit Credit: 1

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. **NCAA Approved**

GOTHIC LITERATURE: MONSTER STORIES Credit: .5

From vampires to ghosts, these frightening stories have influenced fiction writers since the 18th century. This course will focus on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological Terror versus horror, the influence of the supernatural, and descriptions of the difference between good and evil are just a few of the themes presented. By the time students have completed this course, they will have gained an understanding of

and an appreciation for the complex nature of dark fiction. **NCAA Approved**

MYTHOLOGY & FOLKLORE Credit: .5

Mighty heroes. Angry gods and goddesses. Cunning animals. Since the first people gathered around fires, mythology and folklore has been used as a way to make sense of humankind and our world. Beginning with an overview of mythology and different kinds of folklore, students journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves. They explore the universality and social significance of myths and folklore, and see how these are still used to shape society today. NCAA eligible course. **NCAA Approved**

CREATIVE WRITING Credit: .5

For many hundreds of years, literature has been one of the most important human art forms. It allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Through creative writing, we can come to understand ourselves and our world a little bit better. This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating strange hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing. **NCAA Approved**

JOURNALISM Credit: .5

In this course, students are introduced to the historical importance of journalism in America. They study the basic principles of print and online journalism as they examine the role of printed news media in our society. They learn investigative skills, responsible reporting, and journalistic writing techniques as they read, respond to, and write their own news and feature articles. Students conduct interviews, research, write, and design their own publications. **NCAA Approved**

Mathematics

ALGEBRA I Credit: 1

This full-year course focuses on five critical areas: relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling. This course builds on the foundation set in middle grades by deepening students' understanding of linear and exponential functions and developing fluency in writing and solving one-variable equations and inequalities. Students will interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically. Quantitative reasoning is a common thread throughout the course as students use algebra to represent quantities and the relationships among those quantities in a variety of ways. Standards of mathematical practice and process are embedded throughout the course, as students make sense of problem situations, solve novel problems, reason abstractly, and think critically. **NCAA Approved**

GEOMETRY Credit: 1

This course formalizes what students learned about geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruence, including exposure to formal proofs and geometric constructions. Then students extend what they have learned to other essential triangle concepts, including similarity, right-triangle trigonometry, and the laws of sines and cosines. Moving on to other shapes, students justify and derive various formulas for circumference, area, and volume, as well as cross-sections of solids and rotations of two-dimensional objects. Students then make important connections between geometry and algebra, including special triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane, before delving into an in-depth investigation of the geometry of circles. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis. **NCAA Approved** Pre-requisite: Algebra I

ALGEBRA II Credit: 1

This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. The course begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions. Students 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 among the operations and field properties of real numbers and those of complex numbers and algebraic expressions. Mathematical practices and habits of mind are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically. **NCAA Approved** Pre-requisite: Geometry or College Bound with Successful Completion of Algebra I

PRE-CALCULUS Credit: .5

With an emphasis on function families and their representations, Pre-calculus is a thoughtful introduction to advanced studies leading to calculus. The course briefly reviews linear equations, inequalities, and systems and moves purposefully into the study of functions. Students then discover the nature of graphs and deepen their understanding of polynomial, rational, exponential, and logarithmic functions. Scaffolding rigorous content with clear instruction, the course leads students through an advanced study of trigonometric functions, matrices, and vectors. The course concludes with a short study of probability and statistics. **NCAA Approved** Pre-requisite: Algebra II

TRIGONOMETRY Credit: .5

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. **NCAA Approved** Pre-requisite: Algebra II

PROBABILITY AND STATISTICS Credit: 1

This full-year high school course provides an alternative math credit for students who may not wish to pursue more advanced mathematics courses such as Trigonometry and Pre-Calculus. The first half of the course begins with an in-depth study of probability and an exploration of sampling and comparing populations and closes with units on data distributions and data analysis. In the second half of the course, students create and analyze scatterplots and study two-way tables and normal distributions. Finally, students apply probability to topics such as conditional probability, combinations and permutations, and sets. **NCAA Approved** Pre-requisite: Algebra II

BUSINESS MATH Credit: .5

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 one-semester course for high school students, this course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions.

PERSONAL FINANCE Credit: .5

This introductory finance course teaches what it takes to understand the world of finance and make informed decisions about managing finances. Students learn more about economics and become more confident in setting and researching financial goals as they develop the core skills needed to be successful. In this one-semester course, students learn how to open bank accounts, invest money, apply for loans, apply for insurance, explore careers, manage business finances, make decisions about major purchases, and more. Students will be inspired by stories from finance professionals and individuals who have reached their financial goals.

Science

PHYSICAL SCIENCE Credit: 1

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. **NCAA Approved**

EARTH SCIENCE Credit: 1

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. **NCAA Approved**

BIOLOGY Credit: 1

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. **NCAA Approved**

CHEMISTRY Credit: 1

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. **NCAA Approved**
Pre-Requisite: Completed or taking Algebra 2

PHYSICS Credit: 1

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. **NCAA Approved** Pre-Requisite: Trigonometry & Pre-calculus

ASTRONOMY: EXPLORING THE UNIVERSE Credit: .5

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space. **NCAA Approved**

FORENSIC SCIENCE I: SECRETS OF THE DEAD Credit: 1

Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed. **NCAA Approved**

Social Studies

MODERN WORLD HISTORY Credit: 1

This yearlong 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. **NCAA Approved**

U.S. HISTORY Credit: 1

This one-year high school course presents a cohesive and comprehensive overview of the history of the United States, surveying the major events and turning points of U.S. history as it moves from the Era of Exploration through modern times. As students examine each era of history, they will analyze primary sources and carefully research events to gain a clearer understanding of the factors that have shaped U.S. history. In early units, students will assess the foundations of U.S. democracy while examining crucial documents. In later units, students will examine the effects of territorial expansion, the Civil War, and the rise of industrialization. They will also assess the outcomes of economic trends and the connections between culture and government. As the course draws to a close, students will focus their studies on the causes of cultural and political change in the modern age. Throughout the course, students will learn the importance of cultural diversity while examining history from different perspectives. **NCAA Approved**

AMERICAN GOVERNMENT Credit: .5

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. **NCAA Approved**

ECONOMICS Credit: .5

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. **NCAA Approved**

ANTHROPOLOGY Credit: .5

The aim of anthropology is to use a broad approach to gain an understanding of our past, present and future, and in addition address the problems humans face in biological, social and cultural life. This course will explore the evolution, similarity and diversity of humankind through time. It will look at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change. Exciting online video journeys to different areas of the anthropological world are just one of the powerful learning tools utilized in this course. **NCAA Approved**

CAREERS IN CRIMINAL JUSTICE Credit: .5

The criminal justice system offers a wide range of career opportunities. In this course, students will explore different areas of the criminal justice system, including the trial process, the juvenile justice system, and the correctional system.

CRIMINOLOGY: INSIDE THE CRIMINAL MIND Credit: .5

In today's world, crime and deviant behavior rank at or near the top of many people's concerns. In this course, we will study the field of Criminology – the study of crime. We will look at possible explanations for crime from the standpoint of psychological, biological and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their misdeeds. Why do some individuals commit crimes why others do not? What aspects in our culture and society promote crime and deviance? Why are different punishments given for the same crime? What factors… from arrest to punishment…help shape the criminal case process?

PSYCHOLOGY Credit: .5

This 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. **NCAA Approved**

SOCIOLOGY Credit: .5

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.

Fine Arts

COLLEGE LEVEL ADOBE ILLUSTRATOR Credit: .5

(Fine Arts Credit AND 3 Credits from Pikes Peak Community College, 10-12)

This one semester course is articulated through Pikes Peak Community College. Students receiving a final grade of an "A" or "B" will earn both the 0.5 credit for high school Fine Arts AND 3.0 credits through Pikes Peak Community College. This course acquaints students with the processes of Adobe Illustrator, a vector drawing program on the computer. Students learn how to use the tools to create digital artwork that can be used in web design, print media and digital screen design. Students taking this course are required to come into the SSAE building one day a week to work with the SSAE art teacher.

COLLEGE LEVEL ADOBE PHOTOSHOP Credit: .5

(Fine Arts Credit AND 3 Credits from Pikes Peak Community College,10th-12th)

This one semester course is articulated through Pikes Peak Community College. Students receiving a final grade of an "A" or "B" will earn both the 0.5 credit for high school Fine Arts AND 3.0 credits through Pikes Peak Community College. This course concentrates on the high-end capabilities of Adobe Photoshop, a raster photo-editing software as an illustration, design, and photo retouching tool. Students explore a wide range of selection and manipulation techniques that can be applied to photos, graphics, and videos. Students taking this course are required to come into the SSAE building one day a week to work with the SSAE art teacher.

DRAWING Credit: .5

This one semester course covers fundamental skills and theories of drawing and rendering line, structure, form, value, texture, and composition. Application of drawing skills with graphite and colored pencils are covered, focusing on realistic creations. Students taking this course are required to come into the SSAE building one day a week to work with the SSAE art teacher.

DIGITAL ILLUSTRATION Credit: .5

This one semester course covers the introductory skills and theories of drawing while working on an iPad. Students learn the processes of Raster/Bitmap drawing programs including, but not limited to, PhotoShop Touch and SketchBook Pro, and ArtStudio. Students create art focusing on the basic elements and principles, including studies in perspective, digital blueprinting, and package redesign. Students have the option to take these courses virtually or come into the building one day a week.

DIGITAL PHOTOGRAPHY Credit: .5

In this one semester course, students learn the basics of photographic composition and lighting, develop an understanding of using a digital camera and the basics of preparing a digital darkroom. Students also learn basic color theory and the fundamentals of image processing. Software skills are taught through practical, hands-on activities that get students involved in the learning process and help them retain the content. By the conclusion of this course, students are capable of producing their own unique and highly personalized images. This course is designed for the student who has no background in photography. Students have the option to take this course virtually or come into the building one day a week.

FINE ARTS Credit: .5

This course combines art history, appreciation, and analysis, while engaging students in hands on creative projects. Lessons introduce major periods and movements in art history while focusing on masterworks and the intellectual, technical, and creative processes behind those works. Studio lessons provide opportunities for drawing, painting, sculpting, and other creative endeavors. Required in-building participation

JEWELRY DESIGN Credit: .5

This one semester course introduces students to the design and construction of jewelry using wire, beads, leather, wood, hemp rope, paper, metal, polymer clay, fabric, and, recycled materials. Students are able to keep their creations. Students taking this course are required to come into the building one day a week.

MUSIC APPRECIATION Credit: .5

Students receive an introduction to the elements, instrumentation, and history of music in this one-semester course. Instructional materials emphasize the significance of surroundings and time periods and how they influenced the music of the day. Students listen to and evaluate several types of music and are assessed on their comprehension through projects, presentations, and exams. After different instrumentations in music,

and develop critiques of musical pieces based on information in the course. This course is offered entirely online.

Practical Arts

CAREER EXPLORATION Credit: 1

This course prepares students to make informed decisions about their future academic and occupational goals. Through direct instruction, interactive skill demonstrations, and practice assignments, students learn how to assess their own skills and interests, explore industry clusters and pathways, and develop plans for career and academic development. This course is designed to provide flexibility for students; any number of units can be selected to comprise a course that meets the specific needs of students. Required: All freshmen for ICAP

CAREER PLANNING & DEVELOPMENT Credit: .5

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. Required: All sophomores for ICAP

FASHION AND INTERIOR DESIGN Credit: .5

Do you have a flair for fashion? Are you constantly redecorating your room? If so, the design industry might just be for you! In this course, you'll explore what it is like to work in the industry by exploring career possibilities and the background that you need to pursue them. Get ready to try your hand at designing as you learn the basics of color and design then test your skills through hands-on projects. In addition, you'll develop the essential communication skills that build success in any business. By the end of the course, you'll be well on your way to developing the portfolio you need to get your stylishly clad foot in the door of this exciting field.

INTRO TO ENGINEERING DESIGN Credit: 1

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. Required in-building participation.

PRINCIPLES OF ENGINEERING Credit: 1

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while

learning strategies for design process documentation, collaboration, and presentation. Prerequisite: Intro to Engineering and Design; required in-building participation.

INTRODUCTION TO ENTREPRENEURSHIP I Credit: .5

What does it really take to own your own business? Does the sound of being your own boss make you feel excited or anxious? Either way, Entrepreneurship: Starting Your Business will get you started in the right direction. This course explains the ins and outs of such an enterprise, giving you the confidence needed to be your very own boss. You will discover what is needed to operate a personal business from creating a plan, generating financing, and pricing products to marketing services and managing employees. If you've ever dreamed of being a true entrepreneur but feel daunted by the prospect, this is your chance to learn all you need to know.

INTRODUCTION TO ENTREPRENEURSHIP II Credit: .5

Students build on the business concepts they learned in Introduction to Entrepreneurship I. They learn about sales others, avoiding, and credit, accounting, pricing, and government regulations. They refine their technology and communication skills in speaking, writing, networking, negotiating, and listening. They enhance their employability skills by preparing job-related documents, developing interviewing skills, and learning about hiring, firing, and managing employees. Students develop a complete business plan and a presentation for potential investors. Prerequisite: Introduction to Entrepreneurship I

INTRODUCTION TO MARKETING I Credit: .5

In this introductory course sequence, students will learn the fundamentals of marketing using real-world business examples to illustrate what it takes to market a product or service in today's fast-paced business environment. Students will learn about buyer behavior, marketing research principles, demand analysis, distribution, financing, pricing, and product management. In this second semester of the course, students will complete a comprehensive marketing plan for a new business idea. This course covers principles behind the pricing and selling of goods; an explanation of Maslow's hierarchy of needs and how it influences what people buy; health and safety regulations related to business, as well as the basics of ergonomics; how to find employees and what to do to apply for a job; and using the Internet and word-processing, presentation, database, e-mailing, and calendaring software on the job.

INTRODUCTION TO MARKETING II Credit: .5

Students build on the skills and concepts learned in Introduction to Marketing I to develop a basic understanding of marketing principles and techniques. By the end of the course, they will have developed their own comprehensive marketing plan for a new business. Prerequisite: Introduction to Marketing I

INTRODUCTION TO HEALTH SCIENCE Credit: .5

This high school course introduces students to a variety of healthcare careers, as they develop the basic skills required in all health and medical sciences. In addition to

learning the key elements of the U.S. healthcare system, students learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field.

World Language

SPANISH I Credit: 1

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 Credit: 1

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. Prerequisite: Spanish I

SPANISH III Credit: 1

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. Prerequisite:Spanish II

FRENCH II Credit: 1

Students continue their introduction to French in this second year, high school language course with review of 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 French speaking areas across the globe, and assessments. Prerequisite: French I

GERMAN II Credit: 1
Students continue their introduction to high school German in this second-year course with review of 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 cultural presentations covering major German-speaking areas in Europe. Prerequisite: German I

PE and Health

PHYSICAL EDUCATION (all grades-online and activity log) Credit: .5
Students assess their current level of fitness. Students will be required to either participate in an outside activity or keep an activity log during the semester.

HEALTH Credit: .5
This comprehensive health course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students apply principles of health and wellness to their own lives. In addition, they study behavior change and set health goals to work on throughout the semester. Additional topics of study include healthy relationships, reproductive health, disease transmission, substance abuse, safety and injury prevention, environmental health, and consumer health.

General Electives

ACADEMIC FITNESS Credit: .5
2.0 UCCS College Credits This course is designed to help students succeed in college. The following topics will be explored: building resilience, goal-setting, learning styles and studying, managing your time/energy/money, thinking critically and creatively, engaging/listening/note-taking in class, test-taking, wellness, and choosing a college major and career. Prerequisites: Teacher Recommendation and/or Approval; Required in-building participation.

HOSPITALITY & TOURISM: TRAVELING THE GLOBE Credit: .5
With greater disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, hospitality and tourism is one of the fastest growing industries in the world. This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Students will learn about key hospitality issues, the development and management of tourist locations, event

planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.

TEEN LEADERSHIP Credit: 1

In this year long electives course, students will experience first-hand what it takes to be a true leader - not just the person at the front of the crowd. Students will learn how to lead themselves and others and where to begin when taking on new responsibilities and roles throughout their lives. They will learn about themselves and their peers, and how to take action in areas that motivate and lead others. Students will practice responsibility, public speaking, and how to make their voices heard. Required in-building attendance.

TODAY'S FOODS Credit: .5

Food is all around us—we are dependent on it and we enjoy it. This course will give you the basic fundamentals to start working in the kitchen and gaining experience as you explore and establish your talents for cooking and preparing food in a creative and safe way. You will learn safety measures as well as enhance your knowledge of various types of foods and spices. If you enjoy hands-on learning and want to deepen your knowledge about culinary arts, this is a great course to start.

WORK STUDY Credit: .5

Students who are currently employed may sign up for work study. Students must be provide documentation of work hours via pay check stubs in 90 hour increments for a total of 90 hours per term or 0.5 credits. Prerequisite: 11th or 12th Grade.

YEARBOOK Credit: 1

In this year long course, students will develop and publish the school's yearbooks for all grades K-12. Students will learn about theme, content/coverage, writing, design, photography, business, and ethics/responsibility through real world examples and interactive exercises. Students will also brainstorm, plan, design, write, photograph, and sell their published yearbook creations, including an end-of-year activities supplement. Required in-building attendance.