

**REALMS HIGH SCHOOL
COURSE CATALOG
2022 - 2023**



Language Arts

Lit & Comp 1

COURSE ID: LA100SLA

Credit: 1.0

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This course emphasizes the major forms of literature: short story, drama, novel and nonfiction. Students study literature from various time periods, building writing and grammar skills and practicing the writing process. Writing focuses on meeting the Common Core State Standards. Students develop the reading and writing skills necessary to be successful in future English classes.

Lit & Comp 1 Honors

COURSE ID: LA100HLA

Credit: 1.0

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This course emphasizes the major forms of literature: short story, drama, novel, nonfiction and poetry. Students study literature from various time periods. Expanding writing skills, reinforcing grammar skills, and practicing the writing process highlight the curriculum. Writing focuses on meeting the Common Core State Standards in the narrative/ imaginative and expository modes.

Lit & Comp 2

COURSE ID: LA110SLA

Credit: 1.0

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This course covers a variety of genres in world literature. Students develop analytic and interpretive skills in reading, writing, and speaking, in addition to in-depth class discussions of the material. Students learn to do research, write various types of essays, and develop literary essays. Writing focuses on meeting the Common Core State Standards in persuasive and expository modes.

Lit & Comp 2 Honors**COURSE ID: LA110HLA**

Credit: 1.0

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This course covers Lit & Comp 2 curriculum but requires more sophisticated literacy skills.

Lit & Comp 3**COURSE ID: LA115SLA**

Credit: 1.0

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This class incorporates insights from history and present day society and focuses on life lessons on the various subcategories of identity. Students will learn how to analyze the dynamics of power and how it plays within an individual as well as how it can change the whole of a community. Through the lens of a graphic novel, you'll learn how to identify and create shifts in personality and factors that play into a character's identity. Students will participate in Project Citizen and identify a problem in their community that is tied to Oregon/Central Oregon's community, with a lens towards inequity, and social justice.

Lit & Comp 3 Honors**COURSE ID: LA115HLA**

Credit 1.0

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This course is meant to be an option for students that are ready for more advanced reading and writing. Students will study American literature, write in every mode, and participate in ACT prep lessons. Expect to read widely and deeply, while sharpening research skills in order to explore what it means to be an American.

Lit & Comp 4**COURSE ID: LA112SLA**

Credit 1.0

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Through your experience in the class, students explore a variety of discussion formats and texts related to democracy, basic human rights, and participate in a novel study of *Born A Crime*, by Trevor Noah. Students will read and discuss a variety of non-fiction

text to further understand political and Democratic change in US and South African history. From the war in Vietnam to modern conflicts, we will look at deep issues of controversy while you enrich your reading analysis, written responses, and discussion skills.

Lit & Comp 4 Honors**COURSE ID: LA111HLA**

Credit 1.0

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This course is meant to be an option for students that are ready for more advanced reading and writing.

Writing 121**COURSE ID: LA330CLA**

Credit 0.5

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This is an advanced, college-level writing course for dedicated students wishing to hone their writing skills and develop the critical reading and writing skills necessary for post-high school academic work. You will develop these skills through nonfiction readings and consistent, intensive writing. WR 121 focuses on rhetorical analysis and in-depth expository writing. **Prerequisite: COCC Placement test or teacher recommendation**

Mathematics

Math 9**COURSE ID: MA231SMA**

Credit 1.0

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The following processes and skills are presented in Algebra 1: reviewing sets; introducing the language of algebra; reviewing the basic operations of rational numbers; solving linear equations and inequalities; performing the basic operation of polynomials; factoring polynomials; a review of basic operations with fractions; solving systems of linear equations in two variables; performing the four operations with radicals; exploration of quadratics, graphing and writing linear equations.

Math 10**COURSE ID: MA240SMA**

Credit 1.0

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This course is a study of geometric figures and their properties through theorems and postulates. Throughout the course, a major emphasis is placed on inductive/deductive reasoning. Basic trigonometry, constructions, parallel and perpendicular lines, area and volume, probability, circles and conics will also be covered in this class. **Prerequisite: Algebra 1 or equivalent in middle school**

Algebra 2**COURSE ID: MA252SMA**

Credit 1.0

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This rigorous course is the traditional next step after Geometry, and is focused mostly on different types of graphing and equation-solving techniques. Abstract and elegant, think of this as the “tough but rewarding” option. Much of the curriculum will connect with what is being taught at the same time in Physics.

Math in Society**COURSE ID: MA233SMA**

Credit 1.0

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This is a dual-credit course meaning you can get both high school and college math credit with a passing grade. The real-world math topics that we will study include financial math, math in politics, probability, and much more. Mathematically, this class is less rigorous than Algebra 2, but will require deep critical thinking.

Precalculus**COURSE ID: MA330SMA**

Credit 1.0

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This course is the step between Algebra 2 and AP (or college-level) Calculus. We will continue and deepen the material of Algebra 2 and lay the foundation for calculus topics such as derivatives and integrals. Highly recommended if you are considering a

science or engineering college track. **Prerequisite: Grade of B or higher in Alg. 2**

Science

Integrated Science - Biology

COURSE ID: SC204SSC

Credit: 1.0

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Biology is an overview of the common characteristics and processes of living organisms. This is a rigorous academic course designed to introduce freshmen to science at the high school level, and provide a solid foundation in the life sciences. Areas of study include: scientific method, cell biology, genetics, evolution, biochemistry, and ecology.

Integrated Science - Chemistry

COURSE ID: SC411SSC

Credit: 1.0

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Chemistry deals with the substances that make up our universe and the changes these substances undergo. Topics of study include the atom, nuclear chemistry, the periodic table, bonding, chemical reactions, moles, gas laws and thermochemistry.

Physics

COURSE ID: SC501SSC

Credit: 1.0

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Learn the basic concepts of physics that explain phenomena that occur in our everyday life. Physics is the most fundamental of all the sciences. Here we explore the nature of basic things such as motion, forces, energy, heat, sound, light, electricity, and the insides of atoms. Studying physics will not only help you understand the world around you, but will also help you study more advanced science topics in the future. Much of the curriculum will connect with what is being taught at the same time in Algebra 2.

Environmental Science**COURSE ID: SC263SSC**

Credit: 1.0

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In this lab and project-based course, students will develop a deeper understanding of sustainability. They will analyze various concepts and current events through the lenses of sustainability (environmental, social, economic) to better understand how human impacts affect the natural world.

AP Environmental Science**COURSE ID: SC516ASC1**

Credit: 1.0

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In this Advanced Placement course, students will have the opportunity to earn college credit by preparing for the AP Environmental Science exam. They will inquire about human-ecosystem interactions by diving deep into rigorous, college-level course work that includes labs, projects, proposals, and sharing their ideas with our school community and beyond. **Prerequisite: Teacher approval**

Social Studies

Modern World History**COURSE ID: SS100SWS**

Credit: 1.0

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This is a course on Western Civilization history, with a focus on European developments and its impact on the rest of the world. We will look at the people and cultures of the times with specific attention to geography, economic factors, and the various cultural influences which played into the history of Europe during this time period.

US History**COURSE ID: SS101SUS**

Credit: 1.0

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This course surveys the history of our country from the end of the Civil War to the present, focusing on political developments, social changes, international affairs, and economic trends

Government**COURSE ID: SS110SGV**

Credit: 0.5

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We'll explore the structure of our government and ask: what's working well? What could be better? And what do current events have to teach us about how it all works?

AP Government & Politics**COURSE ID: SS111AGV**

Credit: 1.0

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In this active and engaging project-based course, you will investigate the question, What is the proper role of government in a democracy? The five project cycles are Founders' Intent, Elections, The Supreme Court, Congress, and Government in Action. You will use a core set of ideas, concepts, and skills to analyze facts and gain an analytical perspective on government and politics in the United States.

Economics**COURSE ID: SS150SSS9****NOT OFFERED THIS YEAR**

Credit: 0.5

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This is a foundational course designed to establish your financial literacy, apply critical thinking, and pursue an area of personal interest connected to economics. Economics is about asking how and why things work (relate) in our world, specifically asking: How do people get what they want?

AP Human Geography**COURSE ID: SS330AWS**

NOT OFFERED THIS YEAR

Credit: 1.0

AP Human Geography introduces you to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the earth's surface and its resources. In this course we will examine the distribution and features of people and their settlements, activities, and culture. You will employ spatial concepts and landscape analysis to understand human social organization and its environmental, social, political, and economic consequences.

Physical Education/Health

PE 1

COURSE ID: PE100SPE

Credit: 0.5

In this course you will experience individual lifetime physical fitness skills. In addition to improving your fitness level, you will participate in—and learn rules, skills, and strategies of— soccer, volleyball, badminton, pickleball, basketball, football, tennis, softball, mat games, Frisbee games, golf, and weight training.

PE 2

COURSE ID: PE101SPE

Credit: 0.5

You will continue to work toward improving or maintaining your current fitness level as you build skills and strategies in a variety of games. Units may include any combination of soccer, volleyball, badminton, pickleball, basketball, football, tennis, softball, Frisbee games, golf, weight training, floor hockey, team handball, and lacrosse.

Health 1

COURSE ID: HE100SH1

Credit: 0.5

This course will expose you to factual information in the areas of a healthy and fit body, controllable health risks, safe and healthy environment, and healthy interpersonal relationships.

Health 2**COURSE ID:HE101SH2**

Credit: 0.5

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You will learn factual information that will prepare you to make decisions about health-related matters. This course will study nutrition, physical fitness, non-communicable disease, substance abuse, and healthy relationships in greater depth than in Health 1.

Fine Arts

Art 1**COURSE ID: FA201SFA**

Credit: 0.5

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This is an all-levels art course that surveys the art world through observational drawing, expressive mark making in landscapes, surreal art and color theory, ceramic sculpture and portrait drawing. Discover diverse, contemporary, and historic artists that inspire your own art style. Design and execute plans for your own artistic visions, making them a reality!

Art 2**COURSE ID: FA202SFA**

Credit: 0.5

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This class focuses on public art, and how time, place, and culture influence the creation of art and its impact on society. Engage in case studies about street art and art activists that are sure to inspire the creation of your own work. Collaborate with a professional stencil and muralist to spray-paint a mural that is designed to spark positive and social change. There will be ample "studio time" supporting the development of digital art, stencil and spray-painted artworks. **Prerequisite: Art 1**

Art Studio

NOT OFFERED THIS YEAR

COURSE ID: FA520SFA9

Credit: 0.5

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In this course you will have the opportunity to further your technical skills and artistic vision through continued drawing and painting. You will explore various drawing and painting mediums and begin to build a portfolio of work. You will choose to develop a portfolio in drawing, 2D, or 3D design. **Prerequisite: Art 1**

Sculpture & Ceramics 1

COURSE ID: FA505SFA9

Credit: 0.5

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This is a three-dimensional sculpture course with a focus on ceramics. Form, carve, and build 3D forms in plaster, clay, and out of a large number of other household items. You'll make functional ceramic dinnerware, design, and engineer other functional pieces like boxes, birdhouses, or lanterns. Learn to throw from a potter's wheel, make molds, and add a variety of finishes to your work, like sgraffito, underglaze and glaze. Your path in this class is blazed by researching an inspirational master sculptor of your selection! **Prerequisite: Art 1**

Sculpture & Ceramics 2

COURSE ID: FA506SFA

Credit: 0.5

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Continue building your Sculpture and Ceramics skills. **Prerequisite: Sculpture & Ceramics 1**

Graphic Arts

NOT OFFERED THIS YEAR

COURSE ID:

Credit: 0.5

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Lean into graphic arts, screen printing, and graphic novel storytelling, coupled with other discipline projects to design a collaborative "Not So Cliche" book using Adobe InDesign. Your creations will be sold at the Realms Ripple Cafe. **Prerequisite: Art 1 and Art 2**

Drawing & Painting 1**COURSE ID: c**

Credit: 0.5

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Students will explore fundamental skills and tools used in drawing and painting. The ability to “see” art is developed and elements of expression are discovered by using various drawing and painting mediums. The Elements and Principles of Design will be emphasized. **Prerequisite: Art 1 and Art 2**

Drawing & Painting 2**COURSE ID: FA301SFA**

Credit: 0.5

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This is an exciting and far out way to continue exploring your creativity and skill building in drawing and painting. Projects will challenge the artist to use their creative minds with various mediums including: graphite, acrylic, watercolor, aerosol can and colored pencil. Emphasis will be placed on individual artistic style with guidance from the instructor. **Prerequisite: Drawing & Painting 1**

AP Art**COURSE ID: FA522AFA**

Credit: 1.0

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Designed to complement the advanced student. Attention to quality provides the student with a portfolio that may earn college credit. Students chose to develop a portfolio in either Drawing 2-D Design or 3-D Design. The course adheres to the College Board Curriculum for the AP Studio submitted in May each year. Homework averages one night per week, and is usually research or assignment-based.

Prerequisite: Art 1 and Art 2

Career Technical Education (CTE)

Computer Science**NOT OFFERED THIS YEAR****COURSE ID: AA218SFA**

Credit: 0.5

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This course has three main focuses; (1) how computers work, (2) intro to coding with Swift, and (3) intro to app development. Learn what it takes to design and create an app of your own! No level of coding experience required.

Building Construction 1

COURSE ID: AA905SFA

Credit: 0.5

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Interested in understanding home building and maintenance basics? Students will develop basic knowledge and skills needed to safely operate the tools and machines related to construction. Students will get the opportunity to learn about tool safety and apply that knowledge while building a variety of projects that will benefit their basic home maintenance and construction awareness. Projects will incorporate progressively advancing woodworking techniques, cabinet making, and furniture production skills. In addition, students will be exposed to OSHA standards that are used in the construction field.

Building Construction 2

COURSE ID: AA906SFA

Credit: 0.5

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Continue skills and higher level projects from Building Construction 1. **Prerequisite:**
Building Construction 1

Foreign Language

Spanish 1

COURSE ID: FL601SFA

Credit: 1.0

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Students will practice the four language skills, listening, speaking, reading and writing, with more emphasis on listening and speaking. Students will be expected to communicate at a novice level on topics such as telling about yourself, your family, activities, school, community and food. Students will be exposed to the cultures of Spanish-speaking countries.

Spanish 2

COURSE ID: FL602SFA

Credit: 1.0

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This class will aim at improving communication skills and will expand vocabulary and knowledge of structures and grammatical concepts on topics such as telling about your family and home, celebrations, clothing and shopping, travel and leisure. Students will work towards increasing oral proficiency. An expanded appreciation of the cultures of Spanish speaking countries will be a focus of this class. **Prerequisite: Spanish 1 or equivalent in middle school**

Spanish Cultures

COURSE ID: FL611SFA

Credit: 0.5

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Students will explore the culture and history of Spanish speaking countries through films and readings.

General Electives

20th Century History Through Film

NOT OFFERED THIS YEAR

COURSE ID: SS130SSS9T

Credit: 0.5

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We will be studying the time period of 1945 to approximately 2011, covering topics like World War II, the Cold War, the Civil Rights movement of the 1950's and 60's, the Vietnam War, Counter Culture, the Iranian Revolution and hostage crisis, the Reagan Revolution, the AIDS Epidemic of the 1980's and 90's, the Persian Gulf War, the Rwandan Genocide, the September 11, 2001 terrorist attacks, the invasion of Afghanistan and Iraq, the Great Recession of 2008, and the hunt for Osama bin Laden. With this in mind, we will be watching, discussing, and analyzing dramatic movies that depict the time period, as well as major events and characters from that time that are highly engaging from an entertainment, cinematic, and historical perspective.

Anatomy & Physiology

NOT OFFERED THIS YEAR

COURSE ID: SC220SSC

Credit: 0.5

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Students dive into the main body systems to understand how the human body works at the micro- and macroscopic scale. With each body system, students explore how structure relates to function and major diseases associated with that system. This is a great introductory course for students interested in the health field, exercise science, biology, or just want to know more about their own body.

Astronomy

NOT OFFERED THIS YEAR

COURSE ID: SC301SSC

Credit: 0.5

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Class description coming soon!

Creative Writing

NOT OFFERED THIS YEAR

COURSE ID: LA304SLA

Credit: 0.5

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In this class, we will dive into both modern and ancient authors' stories to look closely at their craft and choices. We will study these "mentors" with the intention of creating and telling stories of our own. We will also explore other ways of telling (publishing) our story to audiences as we delve into the performance techniques of spoken word poetry and theater-in-the-round.

Crew**COURSE ID: MD305SEL9T**

Credit: 0.25 (per trimester)

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Crew is a required class that runs all 4 years that a student is enrolled at Realms High School. The structure of crew allows for relationship building, academic progress monitoring, and character development. Crew meets 4 days per week and crew sizes are typically smaller than in our academic classes. All students participate in Crew.

History of the Holocaust

NOT OFFERED THIS YEAR

COURSE ID: SS132SSS9

Credit: 0.5

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Author and holocaust survivor, Elie Weisel, famously said, "For the dead and the living, we must bear witness." In this course, you will bear witness to the rise of anti-Semitism, the power of the Nazi party and the harrowing details surrounding the Holocaust. We will investigate the deeply rooted and historical persecution of European Jews and other groups prior to and during the Holocaust, and how the Jewish people coped with their new reality in the wake of World War II. We will also attempt to draw connections to our current world, so that we can explore ways to face and learn from the faults of the past.

Jam Band**COURSE ID: FA833SFA**

Credit: 0.5

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Jam Band! Students will have the opportunity to form a band, learn how to play a variety of instruments and sing in a band. This course is an introduction to music, improvisation and serves as a training ensemble for students wishing to become a member of a band. Students will study basic theory and styles, including swing, Latin and fusion. Members will perform improvised solos in class.

Leadership**COURSE ID: MD305SEL9T**

Credit: 0.5

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Students in this course will work to design community meetings, school events and develop a student centered government that reflects the schools motto "Leaders of Change".

Mindfulness**COURSE ID: PE132SPE9T**

Credit: 0.5

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In this course, students will learn a variety of stress reduction techniques. Mindfulness will be taught via yoga, meditation, art, journaling, and other activities. This course is available to interested juniors and seniors.

Model United Nations**NOT OFFERED THIS YEAR****COURSE ID: SS163PSS**

Credit: 0.5

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Oregon Model United Nations offers high school students a chance to experience the role of a United Nations ambassador. Each year, approximately 1,500 delegates participate in the annual three-day conference where they are challenged to collaborate while designing elegant solutions to real-world problems. This course would prepare students for the conference and support a deeper understanding of our world.

Play & Production**COURSE ID: LA500SLA9**

Credit: 0.5

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This class is designed to provide students the opportunity and resources to collaborate on acting skills in a small group. With a goal of performing for an audience, the members of this class work together on all aspects of a theater in the round, spoken word poetry read, and storytelling to an audience.

Photography**NOT OFFERED THIS YEAR****COURSE ID: FA600SFA9**

Credit: 0.5

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Do you like taking photos? Want to improve your skills? Photography 1 will cover rules of composition and basic camera techniques in digital photography. You'll also learn about downloading and organizing photos, lighting, matting, and how to edit photos using the power of Photoshop. You will use a variety of digital devices for the course, but having your own digital camera is a plus! Build a website to display and share your work and receive peer and instructor critiques on your work as well.

Photojournalism**COURSE ID: FA644SFA9**

Credit: 0.5

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This course introduces the basics of photojournalism including historical, ethical, legal and aesthetic issues. Students develop skills in photographing news, portraits, features and sports. As photojournalism now transcends print media, additional emphasis is placed on visual reporting techniques that encompass digital camera video, sound/slide recordings and web distribution. Students will collaborate with Yearbook students to create projects.

Psychology**COURSE ID: SS170SSS**

Credit: 0.5

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We'll study both the brain and the mind (they're different!) and we'll learn about common approaches to wellbeing. We'll also study social psychology and evolutionary psychology to understand why we developed to work well in small groups and what it might mean now that we live on an interconnected planet of billions.

Science, Skepticism, & Conspiracy**NOT OFFERED THIS YEAR****COURSE ID: SS100SSC**

Credit: 0.5

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In Science, Skepticism, and Conspiracy Theories we will investigate how science denial has shaped our history and current events. We will explore various conspiracies and why people are so drawn to them and discuss how you can reason with a conspiracy theorist.

Screenplay/Video Production**NOT OFFERED THIS YEAR****COURSE ID: LA501SEL**

Credit: 0.5

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Become an amateur filmmaker in this fun and creative class! You will learn basic video filming and editing for news stories, documentaries, and a music video. Working independently or in teams, you will plan, film, edit, and produce a documentary short.

Survival Skills**COURSE ID: PE212PE9T**

Credit: 0.5

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Whether you are backpacking, traveling, or finding yourself in a unique situation, this class will give you some basic tools to survive unexpected situations. Students will learn basic first aid, orienteering, Leave No Trace principles and other essentials.

Strength and Conditioning**COURSE ID: PE300SPE9T**

Credit: 0.5

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This course is designed for highly motivated students to improve their strength, speed, and endurance. The students will learn the proper techniques of weight training and use a progressive overload training principle. This type of training causes muscles to increase in size, strength and endurance. You will learn basic anatomy and physiology of muscle growth and different training methods.

Yearbook**COURSE ID: LA334SEL****NOT OFFERED THIS YEAR**

Credit: 0.5

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In this course, students will produce the school yearbook. Students are responsible for several areas of yearbook work including layout design, copywriting, copy editing, photography, and post-production photo editing. Yearbook requires attendance to many activities around the school. These include all school activities, expeditions, intensives, community meetings, and club meetings. Students interested in a fast-paced, deadline-driven environment who are self-starters, very detail-oriented, and enjoy working with a team should take this class.