



SKYLINE
HIGH SCHOOL
STEM • V P A



2018-2019

Course Descriptions

600 E. Mountain View Ave.
Longmont, CO 80504



Art

A105 BEGINNING CERAMICS

1 Semester

.5 Credit

(09, 10, 11, 12)

FEE: \$30.00

PREREQUISITE: None

Beginning Ceramics is designed for students who have an interest in working with clay. Students will work on making functional as well as sculptural pieces, using both hand building and wheel throwing methods. Well thought out design, aesthetics, and the creative development of clay objects examining cultural, historical, and personal modes of expression are emphasized.

A106 INTERMEDIATE CERAMICS

1 Semester

.5 Credit

(09, 10, 11, 12)

FEE: \$30.00

PREREQUISITE: Beginning Ceramics

Intermediate Ceramics builds upon skills learned in Beginning Ceramics and further introduces more advanced study into a variety of clay bodies, surface treatments and methods of firing. As well, an emphasis is placed on developing individual voice and style through a focus on contemporary themes in today's visual arts community.

A107 ADVANCED CERAMICS

1 Semester

.5 Credit

(10, 11, 12)

FEE: \$30.00

PREREQUISITE: Beginning and Intermediate Ceramics

This class is recommended for students who excel in ceramics. Students who take this course should have a high level of motivation, diligence, commitment, and independence. Students will be encouraged to develop a personal direction or "voice" in their work. In addition to work created in class, students will be expected to work outside class time, participate in critiques and discussions, complete daily exercises to advance skills, maintain a sketch book and prepare their work for showings. .

A110 BEGINNING DRAWING

1 Semester

.5 Credit

(09, 10, 11, 12)

FEE: \$30.00

PREREQUISITE: None

This class focuses on realistic drawings with understanding of the mechanics of light, shadow, and proportion. This approach allows beginning students to develop technical and compositional skills to make drastic improvements in their drawing abilities and more experienced artist to refine their skills. Drawing projects are taught through various techniques such as right brain drawing, grid drawing, value gradients, portrait art, and still life. Mediums covered may include graphite, charcoal, pen and ink, color pencil.

A111 INTERMEDIATE DRAWING

1 Semester

.5 Credit

(09, 10, 11, 12)

FEE: \$30.00

PREREQUISITE: Beginning Drawing

This course covers more advanced skills not possible at the beginning level. Experimentation in additional drawing materials and techniques are covered such as perspective drawing, physical anatomy, figure drawing, pastels, pen and ink.

A113 ADVANCED DRAW/PAINT

1 Semester

.5 Credit

(10, 11, 12)

FEE: \$30.00

PREREQUISITE: Beginning and Intermediate Drawing and/or Painting

This is a course for the advanced art student who wants to pursue individual interest in intensified studies in drawing and/or painting. Advanced techniques will be presented to give the student the opportunity to improve skills, explore various media combinations, and learn from peer critiques. Students will create original and high quality art. Students will be assessed on the originality, skills, and quality of their artwork.

**A114 BEGINNING JEWELRY
(09, 10, 11, 12)**

1 Semester

**.5 Credit
FEE: \$30.00**

PREREQUISITE: None

Students will explore various metalsmithing techniques such as cutting and bending, cold joining, soldering, etching, and enameling. Students will be expected to develop and maintain a sketchbook that chronicles their investigation and creative processing in making jewelry.

*Many of the materials and equipment used are potentially dangerous to people with health concerns like breathing disorders or motor skills disorders.)

**A115 ADVANCED JEWELRY
(09, 10, 11, 12)**

1 Semester

**.5 Credit
FEE: \$30.00**

PREREQUISITE: Beginning Jewelry

Advanced Jewelry explores more advanced, complex metal smithing techniques such as casting, soldering, chain making, stone setting, alternative jewelry, and cold joining. Students will be expected to develop and maintain a sketchbook that chronicles their investigation and creative processing in making jewelry.

*Many of the materials and equipment used are potentially dangerous to people with health concerns like breathing disorders or motor skills disorders.

**A122 BEGINNING DIGITAL PHOTOGRAPHY
(09, 10, 11, 12)**

1 Semester

**.5 Credit
FEE: \$30.00**

PREREQUISITE: None

This course is designed for students who are interested in learning the fundamentals of photography and of digital photographic manipulation and computer graphics. It will cover the elements of photographic composition, as well as the basic to intermediate features of Adobe Photoshop. The Elements and Principles of Art and the Colorado Visual Arts Standards will guide the curriculum as students develop visual understanding and apply critical thinking skills. The history of photography and the camera will be covered. Students will use class point and shoot cameras. A lab fee is charged for all studio classes.

**A123 ADVANCED DIGITAL PHOTOGRAPHY
(9, 10, 11, 12)**

1 Semester`

**.5 Credit
FEE: \$30.00**

PREREQUISITE: Beginning Digital Photography

This course is designed to expand on the technical and creative concepts acquired in beginning digital photography. Topics of instruction include: photographic history, advanced digital camera functions, exposure control, introduction to studio lighting, computer manipulation of images, digital archiving, digital output options, and digital print finishing. The class includes lectures, visual presentations, lab time, and a portfolio. Students have access to rental of a DSLR, but our supply is limited- students are encouraged to use their own. The Elements and Principles of Art and the Colorado Visual Arts Standards will guide the curriculum as students develop visual understanding and apply critical thinking skills. A lab fee is charged for all studio classes.

**A150 2D DESIGN BEGINNING
(09, 10, 11, 12)**

1 Semester

**.5 Credit
FEE: \$30.00**

PREREQUISITE: None

This beginning level class focuses on the elements and principles of design, with a strong introduction to technique in a variety of 2 dimensional design media such as photography, digital art and mixed media. It delves into the creative process, art history and art criticism, while introducing students to design, techniques and materials. Students will be expected to develop and maintain a sketchbook that chronicles their investigation and creative processing in making artwork. This class is designed to prepare students technically and compositionally for more intensive studies in the upper level 2D classes.

A151 2D DESIGN INTERMEDIATE **1 Semester** **.5 Credit**
(09, 10, 11,12) **FEE: \$30.00**

PREREQUISITE: 2D Design Beginning

This class will build on the foundation built in Beginning 2D. Students will use their knowledge of techniques and materials to discover their individual styles and artistic identities. A deeper understanding of the elements and principles of design will develop through exploring additional materials, software and techniques. Students will further develop their research and investigation skills within their sketchbook.

A152 2D DESIGN ADVANCED **1 Semester** **.5 Credit**
(10, 11,12) **FEE: \$30.00**

PREREQUISITE: 2D Design Intermediate

This class is for students who wish to continue their study of 2 dimensional designs. It provides continued study in the elements and principles, techniques and materials of 2 dimensional design and digital media with an emphasis on visual communication, concept, student voice and style. This class is design to prepare and assist students taking the AP Studio Art 2D Design portfolio.

A160 3D DESIGN BEGINNING **1 Semester** **.5 Credit**
(09, 10, 11, 12) **FEE: \$30.00**

PREREQUISITE: None

This beginning level class focuses on the elements and principles of design, with a strong introduction to technique in a variety of 3-dimensional media. It delves into the creative process, art history and art criticism, while introducing students to ceramics, sculpture, and Industrial Design. Students will be expected to develop and maintain a sketchbook that chronicles their investigation and creative processing in making artwork. This class is designed to prepare students technically and compositionally for more intensive studies in the upper level 3D classes.

A161 3D DESIGN INTERMEDIATE **1 Semester** **.5 Credit**
(09, 10, 11, 12) **FEE: \$30.00**

PREREQUISITE: 3D Design Beginning

This class will build on the foundation built in 3D Design Beginning. Students will use their knowledge of techniques and materials to discover their individual styles and artistic identities. A deeper understanding of the elements and principles of design will develop through exploring additional materials, software and techniques. Students will further develop their research and investigation skills within their sketchbook.

A162 3D DESIGN ADVANCED **1 Semester** **.5 Credit**
(10, 11, 12) **FEE: \$30.00**

PREREQUISITE: 3D Design Intermediate

This class is for students who wish to continue their study of 3 dimensional designs. It provides continued study of the elements and principles, techniques and materials of 3 dimensional designs with an emphasis on concept, student voice and style. This class is designed to prepare and assist students taking the AP Studio Art 3D Design portfolio.

A500A AP STUDIO ART DRAWING A**1 Year****1 AP Weighted Credit****A500B AP STUDIO ART DRAWING B****Fee: \$30.00 per semester****(11, 12)****PREREQUISITE:** Advanced Drawing or teacher recommendation

AP Studio Art Drawing is a course designed to be the equivalent of a general entry-level college art course that culminates with the submission of a portfolio to the national College Board association, in May of the participatory school year. According to the AP College Board: "the term 'drawing' is used very broadly; all sorts of art that involves directly making marks on a surface can fit into this portfolio. This includes not only work in traditional drawing media -- such as pencils, ink, and pastels -- but also many kinds of painting, printmaking, and other forms of expression. In the drawing portfolio, mastery of drawing can be demonstrated through a wide range of approaches and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and the illusion of depth are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. Abstract, observational, and inventive works may be submitted. The range of marks used to make drawings, the arrangement of the marks, and the materials used to make the marks are endless. Videotapes and three-dimensional work may NOT be submitted for the drawing portfolio. Any work submitted in the drawing portfolio that incorporates digital or photographic processes must address drawing issues such as those listed above, with emphasis on mark making. Using computer programs merely to manipulate photographs through filters, adjustments, or special effects is not appropriate for the Drawing portfolio. Students' work (in either traditional or technologically manipulated media) that makes use of photographs, published images, and/or other artists' works or computer software must show development beyond duplication. This development may be demonstrated through the manipulation of the formal qualities, design, and/or concept of the original work." (apcentral.collegeboard.com)

At Skyline, the course is designed to support the College Board standards for this class and projects are assigned accordingly. First semester focuses on a more structured curriculum developing compositional skills and concept building, with technique being largely self-driven. Second semester focuses on developing ones individual direction and voice. Students who take this course should have a high level of motivation, diligence, commitment, and independence.

A505A AP STUDIO ART 2D DESIGN A**1 Year****1 AP Weighted Credit****A505B AP STUDIO ART 2D DESIGN B****FEE: \$30.00 per semester****(11, 12)****PREREQUISITE:** 2D Design Advanced or teacher recommendation

AP Studio Art 2D Design is a course designed to be the equivalent of a general entry-level college art course that culminates with the submission of a portfolio to the national College Board association, in May of the participatory school year. According to the AP College Board, the 2-dimensional design portfolio: "is intended to address a broad interpretation of two-dimensional design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. The elements of design (line, shape, illusion of space, illusion of motion, pattern, texture, value and color) are like a palette of possibilities that artists use to express themselves. The principles of design help guide artists in making decisions about how to organize the elements on a picture plane in order to communicate content. These principles include unity/variety, balance, emphasis, rhythm and proportion/scale. A variety of approaches to representation, abstraction and expression may be part of the student's portfolio...students are asked to demonstrate proficiency in 2D Design using a variety of art forms. These could include, but are not limited to, graphic design, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, printmaking, etc." (apcentral.collegeboard.com)

At Skyline, the course is designed to support the College Board standards for this class and projects are assigned accordingly. First semester focuses on a more structured curriculum developing compositional skills and concept building, with technique being largely self-driven. Second semester focuses on developing ones individual direction and voice. Students who take this course should have a high level of motivation, diligence, commitment, and independence.

A510A AP STUDIO ART 3D DESIGN A**1 Year****1 AP Weighted Credit****A510B AP STUDIO ART 3D DESIGN B****FEE: \$30.00 per semester****(11, 12)****PREREQUISITE:** 3D Design Advanced or teacher recommendation

AP Studio Art 3D Design is a course designed to be the equivalent of a general entry-level college art course that culminates with the submission of a portfolio to the national College Board association, in May of the participatory school year. According to the AP College Board, the 3-dimensional design portfolio: "is intended to address a broad interpretation of three-dimensional design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. The elements of design (line, shape, illusion of space, illusion of motion, pattern, texture, value and color) are like a palette of possibilities that artists use to express themselves. The principles of design help guide artists in making decisions about how to organize the elements on a picture plane in order to communicate content. These principles include unity/variety, balance, emphasis, rhythm and proportion/scale. A variety of approaches to representation, abstraction and expression may be part of the student's portfolio...students are asked to demonstrate proficiency in 3-D Design using a variety of art forms and media. These include, but are not limited to, clay, wire, found object, paper, papier mache, wood, plaster, stone, mobile, functional, sculptural, etc." (apcentral.collegeboard.com)

At Skyline, the course is designed to support the College Board standards for this class and projects are assigned accordingly. First semester focuses on a more structured curriculum developing compositional skills and concept building, with technique being largely self-driven. Second semester focuses on developing ones individual direction and voice. Students who take this course should have a high level of motivation, diligence, commitment, and independence.

VP400 VPA CAPSTONE (Independent Study)**2 Semesters****.25 Credit/Semester****(12)****FEE: None****PREREQUISITE:** VPA Senior in good standing with the VPA Academy

This course is specifically designed for Visual & Performing Arts Academy seniors to take during the first or second semester in collaboration with their VPA advisor. The VPA Capstone Project consists of three parts: documentation of outstanding previous work throughout your tenure in the VPA program, an artistic work/volunteer experience outside of school, as well as a culminating showcase of newly crafted work. These pieces can all be built into your concurrent VPA classes. First semester registration is encouraged for students who want to utilize the output of this class for college auditions/applications.

CTE172 BEGINNING GAME DEVELOPMENT**1 Semester****.5 Credit****PREREQUISITE: Intro to Programming****FEE: None****(10, 11, 12)**

This course is designed to further the understanding of students who have already completed basic programming courses while giving them a real life skill (Game Development). Students will refine their basic knowledge to create video games by learning more about the worlds of 2D and 3D character development, level creation and editing, story driven plots and dialogue, basic animations, and object-oriented programming. The design process will allow students to explore and test ideas for game development individually and within group settings.

MS240 GEEK SQUAD**1 Semester****.5 Credit****(9, 10, 11, 12)****FEE: None****PREREQUISITE:**

Geek Squad is a student-centered solution for school-wide technical support. This course will provide an environment very similar to a tech support job in the workplace. As in industry, students will be asked to juggle multiple tasks at once. Students will provide tech support to troubleshoot issues, learn how to use existing educational technologies, as well as how to evaluate and make informed selections among the technologies available to complete a task or project.

Drama

LA400 DRAMA 1

1 Semester

.5 Credit

(09, 10, 11, 12)

FEE: None

PREREQUISITE: None

Students will learn basic skills in acting through vocalization, movement, characterization, scenes and final monologue. They will also gain an understanding of basic theatre terms.

LA401 DRAMA 2

1 Semester

.5 Credit

(09, 10, 11, 12)

FEE: None

PREREQUISITE: Drama 1

Students will build on what they learned in Drama 1. They will explore more in depth scenes and monologues while building their theatrical skills. Note: This is a performance class. Students will be expected to perform solo vocal works in front of their peers.

LA402 DRAMA ADVANCED

1 Semester

.5 Credit

(10, 11, 12)

FEE: None

PREREQUISITE: Drama 2

Students will begin the process of play analysis by reading a small selection of plays. Students will also perform more in depth pieces of theatre and be able to analyze them closely.

MU220 MUSICAL THEATRE

1 Semester

.5 Credit

(10, 11, 12)

FEE: \$10.00

PREREQUISITE: Drama 1

Students will learn the basics of musical theatre and have the opportunity to perform as a class, in groups, duets, and solos. Students will gain a deeper understanding of how to perform musical theatre pieces.

Family and Consumer Sciences

CTE9412 FOOD SCIENCE 2

1 Semester

.5 Credit

(09, 10, 11, 12)

FEE: \$20.00

PREREQUISITE: Culinary Nutrition

This course is designed for students interested in increasing their knowledge and skills related to nutrition and wellness, food production and service, advanced cooking techniques, and meal planning. Learning experiences include cake decorating, consumerism, garnishing, cultural foods, food related careers, alternative diets, and entertaining. Class work and lab work will give students an intellectual and hands-on experience. Students will not be cooking and/or eating in this class every day.

CTE9413 CULINARY NUTRITION

1 Semester

.5 Credit

(09, 10, 11, 12)

FEE: \$20.00

PREREQUISITE: None

This course is designed for students interested in human nutrition. Learning to prepare and enjoy a variety of foods is a major emphasis of this class. Topics include: food safety and sanitation, the new food pyramid, dietary guidelines, the six essential nutrients, meal planning, money and time management skills, and preparation techniques. Proper use and care of kitchen equipment will be practiced. Learning experiences combine class work and lab work to give students an intellectual and hands-on experience. Students will not be cooking and/or eating in their class every day.

CTE9421 LIVING ON YOUR OWN

1 Semester

.5 Credit

(11, 12)

FEE: \$10.00

PREREQUISITE: None

This course is designed for juniors and seniors who want to develop survival skills necessary for living on their own. Learning experiences will include opportunities in making wise decisions about housing and living environments. Students will gain information that will allow them to make better use of their personal finances in regards to budgeting, banking knowledge and investing strategies. Students will also learn how to purchase and maintain a vehicle, care for clothing, and make wise food choices. This class also enables students to learn about job related issues. Students taking this class will be better prepared for the real world.

CTE9441 RELATIONSHIPS

(11, 12)

1 Semester

.5 Credit

PREREQUISITE: None

FEE: \$5.00

This course deals with everyday life and interpersonal interaction that every male and female should know. The Relationships class teaches about having a good connection with friends, family, and loved ones as well as one's significant other. This class explores the variety of relationships that one may encounter during a lifetime. It allows the student to explore areas such as dating, marriage, aging, death, abuse prevention, addictions, suicide, sexually transmitted diseases, happiness, and success. This is not a shy class and nothing is held back. Take a chance, join the fun, and learn something, too.

Language Arts

LA110A ENGLISH 9A

1 Year

1 Credit

LA110B ENGLISH 9B

FEE: None

(09)

PREREQUISITE: None

In Grade 9, instructional time should focus on four critical areas: (1) Oral Expression and Listening, which requires effective preparation strategies and listening critically to comprehend a speaker's message. (2) Reading for All Purposes that requires analyzing and comparing increasingly complex literary elements in traditional and contemporary works of literature and informational texts. (3) Writing and Composition based on literary, narrative, informational and persuasive texts using proper grammar, usage, and mechanics. (4) Research and Reasoning which requires collecting, evaluating, and analyzing a variety of informational materials for accuracy, relevance, and effectiveness. Students will also use effective problem-solving strategies that require high-quality reasoning. These concepts and associated skills are aligned with the Colorado Academic Standards for Language Arts, incorporating 21st Century skills and postsecondary and workforce readiness competencies.

LA113A ENGLISH HONORS 9A

1 Year

1 Honors Weighted Credit

LA113B ENGLISH HONORS 9B

FEE: None

(09)

PREREQUISITE: None

English Honors 9 is designed for students who desire a rigorous study of English. Students will engage in higher-level analysis of more challenging texts. They will demonstrate sophisticated fluency, control, and reasoning in their writing, researching, and speaking — all with the aim of preparing them for AP courses, postsecondary education, and workforce readiness. Evaluation is based on a variety of challenging assessments.

****Completion of a summer assignment is mandatory for all English Honors 9 students and is due the first day of class in August. Please visit the Skyline website for a link, or go to <http://bit.ly/shs-summer-reading>.****

*****To be successful in English Honors 9, students must complete daily homework. Students are expected to complete both semesters of English Honors 9 unless they are earning a D or F at the end of first quarter or first semester, in which case they may be moved into LA110 English 9.*****

LA120A ENGLISH 10A

1 Year

1 Credit

LA120B ENGLISH 10B

FEE: None

(10)

PREREQUISITE: English 9

In Grade 10, instructional time should focus on four critical areas: (1) carefully gathering and organizing information influences an audience; active listening is critical to operating in groups; (2) reading in order to develop new ideas; to understand literary, persuasive, and informational texts; and to determine literary and historical influences; (3) engaging an audience through stylistic devices, organizational patterns and effective revision/editing; (4) using valid and accurate research to answer questions, propose solutions, or share findings while employing reasoning skills. These concepts and associated skills are aligned with the Colorado Academic Standards for Language Arts, incorporating 21st Century skills and post-secondary and workforce readiness competencies.

LA121A ENGLISH HONORS 10A**1 Year****1 Honors Weighted Credit****LA121B ENGLISH HONORS 10B****FEE: None****(10)****PREREQUISITE:** English 9

In Grade 10, instructional time should focus on four critical areas: (1) carefully gathering and organizing information influences an audience; active listening is critical to operating in groups; (2) reading in order to develop new ideas; to understand literary, persuasive, and informational texts; and to determine literary and historical influences; (3) engaging an audience through stylistic devices, organizational patterns and effective revision/editing; (4) using valid and accurate research to answer questions, propose solutions, or share findings while employing reasoning skills. HONORS courses place a greater emphasis on critical thinking to gain greater depth in these standards, while transitioning these students to a more independent use of these skills. These concepts and associated skills are aligned with the Colorado Academic Standards for Language Arts, incorporating 21st century skills and post-secondary and workforce readiness competencies.

****Completion of a summer assignment is mandatory for all English Honors 10 students and is due the first day of class in August. Please visit the Skyline website for a link, or go to <http://bit.ly/shs-summer-reading>.***

*****To be successful in English Honors 10, students must complete daily homework. Students are expected to complete both semesters of English Honors 10 — unless they are earning a D or F at the end of first quarter or first semester, in which case they may be moved into LA120 English 10.*****

LA130A ENGLISH 11A**1 Year****1 Credit****LA130B ENGLISH 11B****FEE: None****(11)****PREREQUISITE:** English 10

This course provides juniors with the opportunity to refine their analytical thinking, reading, and writing skills through their study of American Literature. Evaluations will be based on participation in class discussions, completion of homework assignments, essays and research assignments, projects, quizzes, and tests.

LA140A ENGLISH 12A**1 Year****1 Credit****LA140B ENGLISH 12B****FEE: None****(12)****PREREQUISITE:** English 11

This course provides seniors with the opportunity to refine their analytical thinking, reading, and writing skills through their study of Literature. Evaluations will be based on participation in class discussions, completion of homework assignments, essays and research assignments, projects, quizzes, and tests.

LA500A AP ENGLISH LANGUAGE & COMPOSITION A**LA500B AP ENGLISH LANGUAGE & COMPOSITION B****(11, 12)****1 Year****1 AP Weighted Credit****PREREQUISITE:** None**FEE:** Independent novels not to exceed \$35

AP Lang offers an opportunity for juniors and seniors to become talented writers. Furthermore, the evidence-based reading featured in this class is directly aligned with the same type of reading students find on the SAT. In many ways, AP Lang gives students a built-in advantage to the SAT, Skyline's required college-entrance exam taken during the junior year.

As specified by the College Board, the focus of this course is on rhetoric and style. Rhetoric is defined as "the art of crafting effective texts for specific audiences," and style is defined as "the unique adaptation of language to ideas." American Literature and nonfiction texts will take center stage in studying language as a persuasive tool and the dynamic relationship of writer, context, audience, and argument. Evaluation is based on essays, in-class work, and timed writing assignments. Emphasis is on preparation for the AP English Language & Composition Exam.

****Completion of a summer assignment is mandatory for all AP English Language and Composition students and is due the first day of class in August. Please visit the Skyline website for a link, or go to <http://bit.ly/shs-summer-reading>.***

*****To be successful in AP English Language & Composition, students must complete daily homework. Students are expected to complete both semesters of AP English Language & Composition — unless they are earning a D or F at the end of first quarter or first semester, in which case they may be moved into LA130 English 11.***

LA510A AP ENGLISH LITERATURE A**1 Year****1 AP Weighted Credit****LA510B AP ENGLISH LITERATURE B****(12)****FEE:** Independent novels not to exceed \$35**PREREQUISITE:** None

As specified by the College Board, this course is designed to provide a college level literature and composition course for seniors who have excelled in sophomore and junior classes. Course content includes units in the study of composition, short stories, dramas, novels, poetry, and essays. Evaluation is based on composition grades, in-class and timed writings, and class discussions. Emphasis is on preparation for the AP English Literature and Composition Exam.

****Completion of a summer assignment is mandatory for all AP English Literature students and is due the first day of class in August. Please visit the Skyline website for a link, or go to <http://bit.ly/shs-summer-reading>.***

*****To be successful in AP English Literature, students must complete daily homework. Students are expected to complete both semesters of AP English Literature — unless they are earning a D or F at the end of first quarter or first semester, in which case they may be moved into an English elective.***

MS505A AP SEMINAR A**1 Year****1 AP Weighted Credit****MS505B AP SEMINAR B****(12)****FEE:** None**PREREQUISITE:** None

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts, and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

This course is for any student who wants to take ownership of his or her own education, as it allows for students to explore personal interests and passions (further explored and refined in AP Research). AP Seminar also teaches the foundational skills necessary for success in any post-secondary setting.

MS510A AP RESEARCH A

1 Year

1 AP Weighted Credit

MS510B AP RESEARCH B

FEE: None

(12)

PREREQUISITE: AP Seminar

Note: Completing AP Seminar and all its required assessment components is necessary for students to develop the skills to be successful in AP Research.

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

Mathematics

MA110A ALGEBRA 1A
MA110B ALGEBRA 1B

1 Year

1 Credit
FEE: None

(09)

PREREQUISITE: None

Algebra 1 focuses on four critical areas: (1) using units and relationships between quantities; (2) reasoning with equations and expressions; (3) analyzing and using linear, exponential and quadratic functions; and (4) interpreting and displaying data using descriptive statistics. These concepts and associated skills are aligned with the Colorado Academic Standards for mathematics, incorporating 21st Century skills and postsecondary and workforce readiness competencies.

MA115A GEOMETRY A
MA115B GEOMETRY B

1 Year

1 Credit
FEE: None

(09, 10)

PREREQUISITE: Algebra 1

Geometry focuses on four critical areas: (1) exploring congruence, similarity and right-triangle relationships; (2) developing proof using constructions and coordinate geometry; (3) using area and volume to model and solve problems; and (4) applying probability to explore events of chance. These concepts and associated skills are aligned with the Colorado Academic Standards for mathematics, incorporating 21st Century skills and postsecondary and workforce readiness competencies.

MA116A GEOMETRY HONORS A
MA116B GEOMETRY HONORS B

1 Year

1 Honors Weighted Credit
FEE: None

(09, 10)

PREREQUISITE: Algebra 1 and/or teacher recommendation

Geometry Honors focuses on four critical areas in greater depth: (1) exploring congruence, similarity and right-triangle relationships; (2) developing proof using constructions and coordinate geometry; (3) using area and volume to model and solve problems; and (4) applying probability to explore events of chance. Students also have the opportunity to study advanced geometric constructions, proving advanced properties of triangles and quadrilaterals, the Law of Sine's and the Law of Cosines, and area and volume relationships among similar figures.

MA120A ALGEBRA 2A
MA120B ALGEBRA 2B

1 Year

1 Credit
FEE: None

(09, 10, 11, 12)

PREREQUISITE: Geometry

Algebra 2 focuses on three critical areas: (1) analyzing and using polynomial, rational, radical, exponential logarithmic, and trigonometric functions; (2) modeling sequences and series with recursive and explicit functions; and (3) making statistical inferences from data. These concepts and associated skills are aligned with the Colorado Academic Standards for mathematics, incorporating 21st century skills and postsecondary and workforce readiness competencies.

MA121A ALGEBRA HONORS 2A
MA121B ALGEBRA HONORS 2B

1 Year

1 Honors Weighted Credit
FEE: None

(09, 10, 11, 12)

PREREQUISITE: Geometry/Geometry Honors and/or teacher recommendation

Algebra Honors 2 focuses on three critical areas in greater depth: (1) analyzing and using polynomial, rational, radical, exponential logarithmic, and trigonometric functions; (2) modeling sequences and series with recursive and explicit functions; and (3) making statistical inferences from data. Students also have the opportunity to study matrices to solve multi-variable systems of equations, the Fundamental Theorem of Algebra, the binomial theorem, rational and radical functions, properties of logarithms and conic sections.

MA125 STATISTICS (Non-AP) **1 Semester** **.5 Credit**
(11, 12) **FEE: None**
PREREQUISITE: Algebra 2 and/or teacher recommendation
Statistics focuses on three critical areas: (1) conditional probability and the rules of probability; (2) using probability to make decisions; (3) using descriptive statistics and data distributions. These concepts and associated skills are aligned with the Colorado Academic Standards for mathematics, incorporating 21st Century skills and postsecondary and workforce readiness competencies.

MA127 TRIGONOMETRY **1 Semester** **.5 Credit**
(11, 12) **FEE: None**
PREREQUISITE: Algebra 2/Algebra Honors 2 and/or teacher recommendation
Trigonometry focuses on two critical areas: (1) trigonometric functions and (2) applications of Trigonometry. These concepts and associated skills are aligned with the Colorado Academic Standards for mathematics, incorporating 21st Century skills and postsecondary and workforce readiness competencies.

MA170 FINITE MATHEMATICS **1 Semester** **.5 Credit**
(11, 12) **FEE: None**
PREREQUISITE: Algebra 2/Algebra Honors 2 and/or teacher recommendation

Finite Math focuses on three critical areas: (1) sequences and series (extension from Algebra 2); (2) operations with matrices and determinants; and (3) operations with vectors. These concepts and associated skills are aligned with the Colorado Academic Standards for mathematics, incorporating 21st century skills and postsecondary and workforce readiness competencies.

MA133A PRE-CALCULUS WITH TRIG A **1 Year** **1 Credit**
MA133B PRE-CALCULUS WITH TRIG B **3 Credit Hours per semester if opting for CU Credit**
(10, 11, 12) **FEE: None**
PREREQUISITE: Algebra 2/Algebra Honors 2 and/or teacher recommendation

Pre-Calculus with Trigonometry focuses on six critical areas: (1) the complex number system; (2) arithmetic with polynomials and rational expressions; (3) operations with functions; (4) conic sections, (5) trigonometric functions; and (6) applications of trigonometry. These concepts and associated skills exceed the Colorado Academic Standards for mathematics, incorporating 21st Century skills and postsecondary and workforce readiness competencies. First semester of the course will focus on the Algebraic Functions component of these subjects, which coincides with the College Algebra course offered at the University of Colorado at Denver and students can earn 3 semester hours towards their college degree. Second semester of the course will focus on the trigonometric component of these subjects that coincide with the College Trigonometry course offered at the University of Colorado at Denver and students can earn 3 semester hours towards their college degree.

MA149A PRE-CALCULUS WITH TRIG HONORS A **1 Year** **1 Honors Weighted Credit**
MA149B PRE-CALCULUS WITH TRIG HONORS B
(10, 11, 12) **FEE: None**
PREREQUISITE: Algebra 2/Algebra Honors 2 and/or teacher recommendation

Honors Pre-Calculus with Trigonometry focuses on six critical areas: (1) the complex number system; (2) arithmetic with polynomials and rational expressions; (3) operations with functions; (4) conic sections, (5) trigonometric functions; and (6) applications of trigonometry. Students will have the opportunity to earn credit through the CU Succeed program for both semesters of this course. Students also have the opportunity to study sequences and series, vectors, limits, and derivatives as an introduction to calculus.

MA500A AP CALCULUS A

1 Year

1 AP Weighted Credit

MA500B AP CALCULUS B

FEE: None

(11, 12)

PREREQUISITE: Pre-Calculus with Trig Honors and/or teacher recommendation

AP Calculus a fast-paced, rigorous course designed to prepare students to take the A/B portion of the Advanced Placement test. It is designed as a college-level course. Students will be expected to spend 10-15 hours per week outside of class reading and staying up-to-date on the course materials. In this course, it is necessary for students to be self-motivated, highly disciplined, and responsible for their own learning. AP Calculus focuses on: limits, derivatives, and integrals of functions, volume of solids of revolutions, Fundamental Theorem of Calculus, Optimization of real world situations, and finding the area under and between curves.

MA520A AP STATISTICS A

1 Year

1 AP Weighted Credit

MA520B AP STATISTICS B

FEE: None

(11, 12)

PREREQUISITE: Algebra Honors 2 and/or Pre-Calc with Trig Honors and/or teacher recommendation

AP Statistics involves an in-depth study of statistics. It is a fast-paced, rigorous course designed to prepare students to take the Advanced Placement test in Statistics. It is designed as a college-level course;. Students will be expected to spend 10-15 hours per week outside of class reading and staying up-to-date on the course materials. In this course it is necessary for students to be self-motivated, highly disciplined, and responsible for their own learning. AP Statistics focuses on: exploratory analysis, experimental design, probability and statistical inference.

Application Electives

MS162A STUDENT COUNCIL A

2 Semesters

.5 Credit/Semester

MS162B STUDENT COUNCIL B

FEE: None

(09, 10, 11, 12)

PREREQUISITE: Application process

This course promotes the development of leadership and character building. The students determine class activities. Students design, organize and conduct a variety of activities which may include team building, leadership lessons, school service projects, charity drives, homecoming events, school dances, pep rallies and other student activities. Class responsibilities include commitments outside of school hours for setting up for events and taking down after events. Students in student council need to be hard working. They also need to demonstrate leadership, initiative, productivity, positive attitudes, and have the ability to work cooperatively with others. They must demonstrate Falcon Spirit and Pride in all they do at Skyline High School.

LA429A YEARBOOK A

2 Semesters

.5 Credit/Semester

LA429B YEARBOOK B

FEE: None

(10, 11, 12)

PREREQUISITE: Application & interview process, recommendation by two staff members.

Yearbook is designed for students interested in the production of the Skyline yearbook, Wingspread. Students are expected to be very self-motivated and must work together to become experts in their staff positions. Skills taught are organization, planning, layout, caption writing, photography, proofreading, and editing.

NOTE: Students must be able to work after school and possibly some Saturdays.

Music

Instrumental Music

MU104A CONCERT BAND A **1 Year** **1 Credit**
MU104B CONCERT BAND B **FEE: \$25.00**
(09, 10, 11, 12)

PREREQUISITE: Previous band experience

Concert Band is a non-auditioned ensemble for students with previous instrumental experience. This band performs at numerous concerts, festivals, athletic events, and clinics throughout the year. This ensemble focuses on the development of comprehensive musicians. Concert Band combines with Symphonic Band and Percussion Ensemble to form the Skyline Pep Band.

MU105A JAZZ BAND A **1 Year** **1 Credit**
MU105B JAZZ BAND B **FEE: \$25.00**
(09, 10, 11, 12)

PREREQUISITE: Audition and concurrent enrollment in a band class and/or Percussion Ensemble

This advanced course is open by audition to any student who plays an appropriate jazz instrument. Jazz Band provides an opportunity for students to continue instrumental development at an intermediate/advanced level. A high level of musicianship is expected. Jazz Band is an ensemble that will focus on performing many different styles of music such as rock, swing, Latin, bebop, and others. An emphasis on improvisation will be introduced, and the students will get ample opportunity to exercise those skills. There will be a mandatory three to five performances each year.

MU109A PERCUSSION ENSEMBLE A **1 Year** **1 Credit**
MU109B PERCUSSION ENSEMBLE B **FEE: \$25.00**
(09, 10, 11, 12)

PREREQUISITE: Previous percussion or instrumental experience and the ability to read music

This is a non-auditioned ensemble for students with previous instrumental music experience. The focus is on teaching the fundamentals of percussion performance, including proper technique, rudiments, and performance experiences on all of the percussion instruments. All students are required to perform as a member of the Skyline Pep Band as well. Students will perform at concerts, athletic events, and other events when needed. Students are responsible for purchasing concert drumsticks and appropriate mallets to use throughout the course.

MU113A SYMPHONIC BAND A **1 Year** **1 Credit**
MU113B SYMPHONIC BAND B **FEE: \$25.00**
(09, 10, 11, 12)

PREREQUISITE: Audition only

The Symphonic Band is the top concert band at Skyline High School. Symphonic Band represents a group of advanced musicians who perform a wide variety of high quality literature. This elite ensemble performs at numerous concerts, festivals, and clinics throughout the year. Symphonic Band combines with Concert Band and Percussion Ensemble to form the Skyline Pep Band. Students are expected to be proficient on their instruments and maintain a high level of commitment throughout the year.

MU130A ORCHESTRA A **1 year** **1 Credit**
MU130B ORCHESTRA B **FEE: \$25.00**
(09, 10, 11, 12)

PREREQUISITE: None

Beginning Orchestra consists of students who have little or no previous experience playing violin, viola, cello or upright bass. Educational emphasis is placed on learning proper instrument position and posture, note and rhythm reading skills, proper right and left hand technique, and proper rehearsal and concert etiquette. Students will be introduced to large ensemble performances and some opportunities for small ensemble performances.

MARIACHI A **1 Year** **1 credit**
MARIACHI B **FEE:**

PREREQUISITE: None

This course is designed for students who want to learn to play an instrument used in mariachi. Little or no prior experience is required for this course. Instruments taught in this class include guitar, vihuela, and guitarron. Trumpet, violin, and vocal students that are beginners are encouraged to enroll in an orchestra, band or choir class to learn the basic music fundamentals. Basic music fundamentals include music reading, rhythm, and technique development needed for each instrument. Students are eligible to participate in some campus concert venues. Music of all mariachi genres is explored.

MU131A STRING ORCHESTRA A **1 Year** **1 Credit**
MU131B STRING ORCHESTRA B **FEE: \$25.00**
(09, 10, 11, 12)

PREREQUISITE: Previous orchestra experience

String Orchestra is for students who have prior experience on the violin, viola, cello, or string bass. String Orchestra will perform literature from all periods from traditional to contemporary. Students will be learning string skills and techniques needed to be ready to move into Symphony Orchestra. The string orchestra will perform at numerous concerts, festivals, and clinics throughout the year. This course may be repeated for additional credit.

MU132A SYMPHONIC ORCHESTRA A **1 Year** **1 Credit**
MU132B SYMPHONIC ORCHESTRA B **FEE: \$25.00**
(09, 10, 11, 12)

PREREQUISITE: Audition only

Symphony orchestra is an advanced orchestra designed for students who would like to play more challenging orchestral music. The orchestra will perform both string and full orchestra literature of all periods from traditional to contemporary, combining with the Symphonic Band students. Like the String Orchestra, this ensemble will perform at numerous concerts, festivals, and clinics throughout the year. This course may be repeated for additional credit.

MU200 GUITAR 1 **1 Semester** **.5 Credit**
(9, 10, 11, 12) **FEE: \$20.00**

PREREQUISITE: None

This is a beginner course in classical guitar technique. Students will learn to read music and play melodies and chords on acoustic guitar. Guitar 1 is an entry-level course designed to introduce rhythmic literacy, note reading, chord knowledge, and tablature. Students will perform in both solo and ensemble formats throughout the semester.

MU205 GUITAR 2 **1 Semester** **.5 Credit**
(09, 10, 11, 12) **FEE: \$20.00**

PREREQUISITE: Guitar 1 or Instructor Approval

Guitar II is a course designed for students who wish to continue their guitar studies into higher concepts. Students who take this class will explore power chords, bar chords, advanced fingerpicking, improvisation, and song writing.

**MU206 BEGINNING PIANO
(09, 10, 11, 12)**

1 Semester

**.5 Credit
FEE: \$10.00**

PREREQUISITE: None

This course is designed for the student who wishes to acquire basic piano skills. The course will introduce and reinforce the concepts of piano performance and beginning music reading, music theory, technique and composition.

**MU207 ADVANCED PIANO II
(09, 10, 11, 12)**

1 Semester

**.5 Credit
FEE: \$20.00**

PREREQUISITE: Successful completion of Beginning Piano and/or teacher approval

This course is designed for the student who wishes to continue their piano studies into more advanced skills and repertoire.

Students will learn intermediate and advanced piano techniques (scales, fingering exercises, multi-hand coordination, etc.) and continue the study of music theory, sight-reading, and ear training in the context of the piano.

Vocal Music

**MU150A A CAPPELLA/JAZZ CHOIR A (Alpine Jazz)
MU150B A CAPPELLA/JAZZ CHOIR B (Alpine Jazz)
(09, 10, 11, 12)**

1 Year

**1 Credit
FEE: None**

PREREQUISITE: Audition only, membership in Allegro Singers

Alpine Jazz Choir is a 14-16 member jazz choir consisting of Skyline's strongest vocalists. This ensemble focuses on more contemporary music, including (but not limited to) jazz, show-tunes, pop, and contemporary a cappella. They perform in a minimum of four concerts a year, as well as additional community and school functions. Membership is audition-based and a yearlong commitment.

MU151A ALLEGRO SINGERS A

**MU151B ALLEGRO SINGERS B
(10, 11, 12)**

1 Year

1 Credit

PREREQUISITE: Audition only

**FEE: \$75 for Women
\$100 for Men**

(Fundraising opportunities available)

Allegro Singers is an advanced mixed choral ensemble consisting of Skyline's most experienced, dedicated, and committed upperclassmen vocalists. They perform in a minimum of four concerts a year, as well as additional community and school functions. They will further develop their musical skills and knowledge, with a direct focus on vocal technique and music literacy. Students will work with a wide variety of music from different cultures and time periods. Membership is audition based and a yearlong commitment.

**MU152 BEL CANTO (Voice Performance Class)
(10, 11, 12)**

1 Semester

**.5 Credit
FEE: \$10.00**

PREREQUISITE: Previous musical experience recommended

This class will focus on the study and beautification of the human voice, with emphasis placed on the physiology of the human voice, application of various vocal styles and performance practices, music theory, and musical terms. Students will perform solos in front of the class regularly and will build up a collection of solo music in different styles, languages, and time periods. The atmosphere will be one of open forum, emphasizing self-evaluation as well as group critique.

Note: This is a performance class. Students will be expected to perform solo vocal works in front of their peers.

MU156A CONCERT CHOIR A	1 Semester or Year	.5 Credit/Semester
MU156B CONCERT CHOIR B		FEE: \$75.00 for Women
(09, 10, 11, 12)		(Fundraising opportunities available)

PREREQUISITE: None

Concert Choir is an entry-level mixed gender choral ensemble designed to develop musicianship skills and vocal technique. They perform in a minimum of four concerts a year (two each semester). Focus will be placed on basic musical skills and music literacy. Students will learn a wide variety of music from different cultures and time periods. Participation and development of singing skills will be emphasized in daily rehearsals.

MU158A FALCONNAIRES A	1 Year	1 Credit
MU158B FALCONNAIRES B		FEE: \$75.00
(09, 10, 11, 12)		(Fundraising opportunities available)

PREREQUISITE: Audition only

Falconnaires is an intermediate women’s choral ensemble designed to further develop the female voice while expanding on choral skills, such as tone, blend, musicality, and music theory. They perform in a minimum of four concerts a year. Falconnaires members are dedicated to singing and possess some past sight singing and music reading skills. Students will work with a wide variety of music from different cultures and time periods. Membership is audition based and a yearlong commitment.

MU159A MEN’S CHOIR A (Valkoor)	1 Year	1 Credit
MU159B MEN’S CHOIR B (Valkoor)		FEE: \$35.00 for Uniform
(09, 10, 11, 12)		(Fundraising Opportunities Available)

PREREQUISITE: Audition only

Men’s Choir is an intermediate men’s choral ensemble designed to further develop the male voice while expanding on choral skills, such as tone, blend, musicality, and music theory. They perform in a minimum of four concerts a year. Men’s Choir members are dedicated to singing and possess some past sight singing and music reading skills. Students will work with a wide variety of music from different cultures and time periods. Membership is audition based and a yearlong commitment.

Miscellaneous Music Electives

MU215 MUSIC TECHNOLOGY	1 Semester	.5 Credit
(09, 10, 11, 12)		FEE: \$20.00

PREREQUISITE: Recommended that students have basic music skills, and have taken one year of piano, guitar or a year in an instrumental or vocal ensemble.

This course is designed to teach students the art of sound recording and audio production. Students will create a variety of projects including commercials, podcasts, original music compositions, song recording, and an introduction to Foley work. Students will work with top of the line software (Garage Band ‘11, Audacity, Sibelius 6.0, iTunes, and Google Docs) and hardware (various microphones, digital audio interfaces, mixing consoles, headphones & speakers, etc.) to create original awe-inspiring artistic and commercial audio projects as novice sound engineers and producers.

MU220 MUSICAL THEATER	1 Semester	.5 Credit
(11, 12)		FEE: None

PREREQUISITE: Teacher approval, successful completion of Drama 1, .5 choir credit

This ADVANCED course is designed to provide the performing arts student an overview of American musical theatre history from the Broadway stage beginning in the late 19th century to present. Studies include show and script analysis and the integration and development of characterization, dance and performance skills. Students will apply all three disciplines of acting, dancing and singing into performance-based assessments. Students will improve their auditioning techniques for the musical theatre through daily practice and performance. Upon completion, students are expected to leave with a working portfolio containing a resume, headshot, and repertoire of contrasting musical theatre pieces.

MU225 MUSIC THEORY**1 Semester****.5 Credit****(10, 11, 12)****FEE: None****PREREQUISITE:** .5 credit in any choir, band, orchestra, piano, or guitar class

This class is for the student who wishes to learn how to read, understand, and perform tonal music. We will discuss pitch, rhythm, melody, harmony, dynamics, articulation, tempo, key and time signatures, solfege, and a variety of other fundamental elements. The goal for this class is to obtain a better ear and intellect for music.

MU500A AP MUSIC THEORY A**1 Year****1 AP Weighted Credit****MU500B AP MUSIC THEORY B****FEE: \$20.00****(10, 11, 12)****PREREQUISITE:** None

This Advanced Placement music theory course is for experienced musicians who wish to continue their studies from basic music theory. In-depth instruction will be given regarding topics of music notation, scales, tonality, form, harmonic analysis, part writing, composition, and ear training. This course prepares students for the Advanced Placement exam in May. This course is strongly recommended for all music VPA students.

Physical Education

H100 HEALTH (09)

1 Semester

.5 Credit
FEE: None

PREREQUISITE: None; however, this class is required for graduation

This course is designed to provide essential learning in the areas of health. The expectation is that the course work will help in making informed decisions in regards to behaviors that affect various aspects of health and well being. The major unit topics to be covered include Physical and Mental Wellness, Understanding Sexuality (as outlined by Board of Education Policy), Destructive Behaviors and Addictions, and Safety and Well-Being.

PE101 FITNESS 1: LIFE FITNESS (09, 10, 11, 12)

1 Semester

.5 Credit
FEE: None

PREREQUISITE: None

This class is designed for students who want to explore of variety of basic options for improving and maintaining their individual fitness levels. The goal is to give students both the knowledge and physical skills to develop and continue good lifetime fitness habits. Each student will develop and execute personal fitness plans and goals. Activities may include: power walking, aerobics, circuit training, and weight training. Students will also participate in speed and agility training, plyometrics and related fitness activities.

PE108 IRONWORKS I (09, 10, 11, 12)

1 Semester

.5 Credit
FEE: None

PREREQUISITE: None

This is an introductory-level course designed to familiarize students with weight room procedures, safety precautions, and various lifting techniques. This course may include; strength training, plyometrics, speed and agility training, and fitness activities. Emphasis will be on bench, squat, power clean, and the associated auxiliary exercises.

PE109 IRONWORKS II (09, 10, 11, 12)

1 Semester

.5 Credit
FEE: None

PREREQUISITE: Ironworks I or teacher approval

This is an intermediate-level course designed to engage students in more advanced weight lifting techniques. It will include emphasis on bench, squat and power clean and the associated auxiliary exercises, along with basic Olympic-style lifts and exercises. Students will also participate in speed and agility training, plyometrics and fitness activities.

PE113 INVASION & FIELD (09, 10, 11, 12)

1 Semester

.5 Credit
FEE: None

PREREQUISITE: None

This course is designed for the student to experience a wide variety of sports. These sports include, but are not limited to: Ultimate Frisbee, floor hockey, flag football, soccer, volleyball, speedball, basketball and softball. Students will also participate in speed and agility training, plyometrics, fitness activities, and sports related conditioning.

PE114 NET & TARGET (09, 10, 11, 12)

1 Semester

.5 Credit
FEE: None

PREREQUISITE: None

This class will include sport/activities where a net, or a target, is used, and scoring is accomplished for your own territory. The students will be expected to know basic rules and strategies, boundaries, and player positions. Activities may include; badminton, tennis, volleyball, disc golf and ultimate Frisbee. Students will also participate in speed and agility training, plyometrics, fitness activities, and sports related conditioning.

PE118 SWIMMING I **1 Semester** **.5 Credit**
(09, 10, 11, 12) **FEE: None**

PREREQUISITE: None

Swimming I is designed for the beginning and non-swimmers. Emphasis is based on learning different strokes from elementary through competitive, conditioning, interval training and breath control. Activities may include; survival swimming, diving, water safety and lifeguard training.

* All Swimming classes will be held at Centennial Pool. Students must walk to the pool.

PE132 DANCE I **1 Semester** **.5 Credit**
(09, 10, 11, 12) **FEE: None**

PREREQUISITE: None

In this course the student will be graded on participation, presentation, written assessment and performance. The focus is on experiencing physical fitness through a wide range of fundamental dance skills including, but not limited to Hip-Hop, Funk, Jazz, Aerobic, Kickboxing, Salsa and other various styles of dance and fitness. Using these techniques, the student will improve their strength, cardiovascular endurance and flexibility, enhancing their overall knowledge of body awareness and health.

PE133 DANCE II **1 Semester** **.5 Credit**
(10, 11, 12) **FEE: None**

PREREQUISITE: Dance I

In this course the student will be graded on participation, presentation, written assessment and performance. The student will learn advanced fitness and dance techniques. This will include choreography and performance, dance Kinesiology, dance and fitness history and vocabulary. Using these techniques, the student will improve their strength, cardiovascular endurance and flexibility enhancing their over-all knowledge of body awareness and health.

PE136 ATHLETIC TRAINING & FIRST AID **1 Semester** **.5 Credit**
(09, 10, 11, 12) **FEE: \$20.00**

PREREQUISITE: Successful completion of any P.E. course or teacher's approval

This course introduces clinical approaches to the prevention and treatment of injuries common to active lifestyles, including acute and overuse injuries. This class is designed to give a general overview of all aspects of athletic training and general anatomy. This course will also provide the student with a laboratory and internship experience. This experience is designed to expose the student to the practice of athletic training and other sports medicine careers. Standard first aid and CPR training will be covered and upon completion a first aid/CPR card will be awarded.

**Students must be able to provide transportation to and from sight location. Proof of automobile insurance must be provided and a written release of liability must be completed by the student and parent to allow student travel.*

PE137 COACHING AND OFFICIATING **1 Semester** **.5 Credit**
(09, 10, 11, 12) **FEE: \$10.00**

PREREQUISITE: Teacher's approval only. See counselors

This course is designed for the student leader interested in pursuing coaching and officiating job opportunities. Course content focuses on sport rules and guidelines, training techniques, leadership skills and sport specific fitness skills. Students will learn and perform the skills necessary to coach and officiate a variety of team and individual sports. These sports may include basketball, football, soccer, and softball. Students will also participate in speed and agility training, plyometrics, fitness activities and sports related conditioning.

PE138 SPORTS MARKETING **1 Semester** **.5 Credit**
(09, 10, 11, 12) **FEE: None**

PREREQUISITE: Successful completion of any PE course or teacher's approval

This course is designed to provide the student with an overview of the major marketing and sponsorship issues facing the sports industry. Course content focuses on the development, application marketing plans and sponsorship proposals. The student will be required to demonstrate an understanding of the material by completing several applied projects which may include; developing products and sponsorships, fundraising, public relations, marketing research, special events, and media.

**Students must be able to provide transportation to and from sight location. Proof of automobile insurance must be provided and a written release of liability must be completed by student and parent.*

PE145 YOGA AND NUTRITION**1 Semester****.5 Credit****(09, 10, 11, 12)****FEE: None**

This class will present basic Yoga principles and practices as a foundation for managing wellness through physical fitness/awareness, stress reduction, mindfulness and teamwork, with emphasis placed on the relationship between nutrition and wellness.

P.E. Waiver:*Graduation Requirements-Physical Education Waiver*

The St. Vrain Valley School District requires all students to complete two (2) physical education credits to graduate. However, students have the opportunity to waive up to 1.0 physical education credit.

Students who maintain full-time student status during all four years of high school and meet all other graduation requirements may waive a .5 physical education credit by successfully completing one of the following criteria:

One (1) St. Vrain Valley School District athletic programs at the high school level; or

72 hours during an 18-week period of an appropriate, pre-approved, structured, and supervised physical activity outside of the school district.

Successfully completing two different sports, the same sport for two seasons, or a combination of the above criteria will allow students to waive a maximum of 1.0 physical education credit. The activities to waive physical education credit may be met during any of a student's four years of high school.

Schools will provide information regarding the physical education waiver to students and parents annually during course registration to allow time for planning.

The physical education waiver application may be acquired in the counseling offices of every high school. Once the physical education waiver requirements have been met, the student will submit the application and time log to the building principal (including all required signatures) for verification and approval.

Whether or not a student has received a physical education waiver, all students are still required to successfully complete 24.5 credits in order to earn their high school diploma.

File: IKF-R

Adopted May 11, 2011
Revised: November 13, 2013
Revised February 25, 2015
Reviewed: October 28, 2015

Science

SC120A BIOLOGY A **1 Year** **1 Credit**
SC120B BIOLOGY B **FEE: None**
(09)

PREREQUISITE: None

This course includes the following topics: cellular biology, patterns of inheritance, natural selection, ecology, diversity of life, classification, and human systems. Students will design, conduct, evaluate, and communicate about a scientific investigation. Students will perform inquiry-based investigations and dissections in this course.

SC121A BIOLOGY HONORS A **1 Year** **1 Honors Weighted Credit**
SC121B BIOLOGY HONORS B **FEE: None**
(09)

PREREQUISITE: Teacher Recommendation

This academically rigorous class is designed for students who desire a rigorous and challenging study of Biological Science. This course includes the following topics: molecules and cells, patterns of inheritance, natural selection, ecology, diversity of life, classification, and human systems. Students will design, conduct, evaluate, and communicate about scientific investigations. This laboratory science class presents the student with opportunities for exploratory, open-ended scientific investigations. Students will perform inquiry based investigations and dissections in this course.

SC130A CHEMISTRY A **1 Year** **1 Credit**
SC130B CHEMISTRY B **FEE: None**
(10, 11, 12)

PREREQUISITE: Biology

Chemistry is a laboratory science designed for college bound students in non-science related careers. Students will qualitatively explore various topics including: Properties of Matter, Atomic Structure, The Periodic Table, Bonding, Stoichiometry, Reaction Rates, Gases, Solutions, and Acids and Bases. Students will conduct inquiry-based labs throughout the course.

SC131A CHEMISTRY HONORS A **1 Year** **1 Honors Weighted Credit**
SC131B CHEMISTRY HONORS B **FEE: None**
(10, 11, 12)

PREREQUISITE: Biology

Honors Chemistry is a laboratory science designed for college bound students in science related careers. In this laboratory science course students study matter, change and energy, scientific measurement, problem solving and atomic structure.

SC140A PHYSICS A **1 Year** **1 Credit**
SC140B PHYSICS B **FEE: None**
(11, 12)

PREREQUISITE: Biology, Chemistry and Geometry

Physics is designed to provide students with an understanding of the laws and principles that govern the physical world. It includes a quantitative study of the following topics: mechanics, dynamics, waves, optics, electromagnetism, and atomic and nuclear physics. The focus of this course will be the application of Physics to explain and evaluate everyday occurrences. Students will perform inquiry-based investigations in this course.

SC500A AP ENVIRONMENTAL SCIENCE **1 Year** **1 AP Weighted Credit**
SC500B AP ENVIRONMENTAL SCIENCE **FEE: None**
(10, 11, 12)

PREREQUISITE: BIOLOGY AND ALGEBRA 1

This course will provide students with the scientific concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The preceding themes provide the foundation for this course. This course prepares students for the Environmental Science Advanced Placement Examination.

SC510A AP BIOLOGY A **1 Year** **1.5 AP Weighted Credit**
SC510B AP BIOLOGY B **FEE: None**
SC510C AP BIOLOGY C
(10, 11, 12)

PREREQUISITE: Biology (Chemistry is recommended), teacher recommendation

AP Biology is a fast-paced, rigorous course in which students will explore a comprehensive study of the 8 major themes in Biology. It is designed as a college-level course. Students will be expected to spend 10-15 hours per week outside of class reading and staying up-to-date on the lecture materials. In this course, it is necessary for students to be self-motivated, highly disciplined, and responsible for their own learning. This course provides students with the opportunity to create and design many computer-based laboratory experiments as well as participate in many other hands-on activities. In addition, students will be exposed to advanced college-level laboratory techniques such as DNA extraction, gel electrophoresis, and dissection of various animal specimens.

SC520A AP CHEMISTRY A **1 Year** **1.5 AP Weighted Credit**
SC520B AP CHEMISTRY B **FEE: None**
SC520C AP CHEMISTRY C
(11, 12)

PREREQUISITE: Chemistry (Honors preferred) and Algebra 2

AP Chemistry is an elective laboratory science course intended for students with an interest in chemistry. This college-level course is the equivalent of two semesters of freshmen general chemistry; therefore the pace is fast. This course provides students with a fundamental understanding of matter and change, scientific measurements, atomic and molecular properties, molecular geometry and bonding, solution chemistry, properties of solutions, gas laws, acids and bases, chemical equilibrium, thermochemistry, electrochemistry, chemical kinetics, nuclear chemistry, and organic chemistry. The use of a hand-held scientific calculator is required. This course prepares students for the Chemistry Advanced Placement Examination.

SC532A AP PHYSICS 1A - ALG BASED A **1 Year** **1.0 AP Weighted Credit**
SC532B AP PHYSICS 1B - ALG BASED B **FEE: None**
(10, 11, 12)

PREREQUISITE: Chemistry and Geometry

Physics 1 is the equivalent of a first-semester college course in algebra-based physics and is taught over a full academic year. This course covers Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, power, and mechanical waves and sound. It also introduces electric circuits. Students will develop a deep conceptual understanding of the content by focusing on applying their knowledge through inquiry-based labs, in-depth explorations of topics, and through the development and interpretation of conceptual models. Student investigators will foster engagement in the practices of science through experimenting, analyzing, making conjectures and arguments, and solving problems in a collaborative setting where students direct and monitor their progress. This course prepares students for success in subsequent college-level physics courses.

SC535A AP PHYSICS A - CALC BASED

1 Year

1.5 AP Weighted Credit

SC535B AP PHYSICS B - CALC BASED

FEE: None

SC535C AP PHYSICS C - CALC BASED

(11, 12)

CO-REQUISITE: AP Calculus

AP Physics Calculus Based is an advanced Physics course designed for students interested in pursuing engineering and other Physics related careers. The course is designed to prepare students to take both the AP Physics C Mechanics and the AP Physics C Electricity and Magnetism exams. Students will be expected to apply calculus based mathematical relationships to explain and predict physical occurrences. Students will conduct laboratory experiments throughout the course.

Science Electives

SC201 ASTRONOMY

1 Semester

.5 Credit

(10, 11, 12)

FEE: None

PREREQUISITE: Biology, Chemistry and Physics

Astronomy is a course for students who are interested in the planets and the universe around us. Topics will include characteristics of the solar system, a study of the sun to better understand stars and their life cycles, the nature and origin of the universe, and the technology involved in discovering our universe. Nighttime observations and a planetarium field trip are required.

SC205 GEOLOGY

1 Semester

.5 Credit

(10, 11, 12)

FEE: None

PREREQUISITE: Biology, Chemistry and Physics

Geology is a course for students who are interested in how our planet works and it changes through time, using the local geology as a laboratory. Topics will include minerals, mining, rock formation, plate tectonics, and landscape formation. Lab study will include a field trip to Rocky Mountain National Park. Students will apply geologic processes to National Parks.

SC230 FORENSIC SCIENCE LAB BASED

1 Semester

.5 Credit

(10, 11, 12)

FEE: None

PREREQUISITE: Biology, Chemistry and Physics

Forensic Science is a laboratory-based science class designed for students who are interested in forensic science. The purpose of this course is for students to gain experience in the major investigative techniques currently used by forensic scientists and crime scene investigators, and to develop an understanding of the scientific concepts that serve as the basis for these techniques.

SC240 ANATOMY & PHYSIOLOGY

1 Semester

.5 Credit

(12)

FEE: None

PREREQUISITE: Biology or Honors Biology

This is an elective science course that will build on concepts learned in biology and chemistry. It will focus specifically on human anatomy and physiology. Through lectures, labs, and activities students will learn how to structures (anatomy) of the human body fit their function (physiology) to maintain homeostasis of the organism and continue the species. All twelve human body systems will be included, as well as types of tissue and cell chemistry.

STEM

Grade 09

1 Year

1.0 Credit

ST102A EXPLORATIONS IN STEM A

FEE: \$10.00

ST102B EXPLORATIONS IN STEM B

PREREQUISITE: Acceptance into the STEM Academy

This full-year course provides students with a foundation in the topics and skills necessary for success in the upper level STEM courses. Students will use the engineering design process to complete group projects in which they design, build, and test specific devices. Students will develop hands-on skills used in the manufacturing process and design projects using CAD software, while fostering both teamwork and communication. Students will also explore STEM related careers and post-secondary educational requirements.

Grade 10

1 Year

1.0 Credit

ST109A CREATIVE ENGINEERING A

FEE: \$10.00

ST109B CREATIVE ENGINEERING B

PREREQUISITE: Explorations in STEM

This full-year course allows students to learn content that will help support their development of solutions. Building on Explorations in STEM students will gain explore additional career paths while gaining experience through the engineering design cycle. Students will hone their verbal and written communication skills, as well as their ability to work effectively in groups.

Grade 11

1 Semester

.5 Credit

ST120 ADVANCED ENGINEERING 1: Robotics

FEE: \$10.00

PREREQUISITE: Creative Engineering or Teacher Recommendation

The primary objective of the advanced engineering projects course(s) is to provide an in-depth study of a specific engineering discipline primarily through open-ended, hands-on design experiences. The course(s) will begin with specification of design objectives and constraints. They will continue through development, documentation, and analysis of design ideas. They will end with the process of building and testing the solution. Through the cycle, the students are expected to follow a logical process involving careful documentation and quantitative analysis using mathematical tools and scientific principles.

Grade 12

1 Year

1.0 Credit

ST130A SENIOR ENGINEERING DESIGN PROJECT A

FEE: \$20.00

ST130B SENIOR ENGINEERING DESIGN PROJECT B

PREREQUISITE: Advanced Engineering

In this course students will complete a yearlong engineering design project. Students will first select an area of emphasis for their project. They will research and select a problem within this area to attempt to solve. They will research current technology and applicable sciences to then develop a design for a solution to the problem. They will construct models and prototypes to evaluate and refine their design. Students will conduct formal presentations and will create a website to document their project. Also, students will be expected to present their projects at the CU Design Expo in April. Part of the course will be devoted to guiding students in preparation for their transition into post-secondary education.

STEM Electives

Science & Math count as a STEM elective credit. Once the credits for math or science have been met: additional classes will be calculated as an elective. Computer Science classes are other options for STEM electives.

Social Studies

SS111A WORLD GEOGRAPHY/HISTORY HONORS A

1 Year

1 Honors Weighted Credit

SS111B WORLD GEOGRAPHY/HISTORY HONORS B

FEE: None

(09)

PREREQUISITE:

This course is designed for students who desire a rigorous, challenging, in-depth and accelerated study of Geography and World History. The intent is to increase the amount of material covered while improving students' written, spatial, and sequential skills. The course of study includes vocabulary, essay, and extemporaneous projects, as well as advanced reading, writing, and communications skills.

SS120A US HISTORY A

1 Year

1 Credit

SS120B US HISTORY B

FEE: None

(10)

PREREQUISITE: None

U.S. History focuses on three critical areas: (1) the use of historical method of inquiry to ask questions, evaluate primary and secondary sources, critically analyze and interpret data, and develop interpretations defended by evidence; (2) the understanding of key concepts of continuity and change, cause and effect, complexity, unity, and diversity over time; and (3) the appreciation of the significance of ideas as powerful forces throughout history. Its intent is to help the students gain an understanding of the major political, economic and social events that have shaped the nation. The course emphasizes 20th Century United States history and the contemporary world. These concepts and associated skills are aligned with the Colorado Academic Standards for Social Studies, incorporating 21st Century skills and postsecondary and workforce readiness competencies.

SS130A US/CO GOVERNMENT A

1 Year

1 Credit

SS130B US/CO GOVERNMENT B

FEE: None

(11)

PREREQUISITE: None

In US Government, instructional time should focus on four critical areas: (1) designing, analyzing and applying a financial plan based on short and long-term financial goals; (2) analyzing strategic spending, saving, and investment options to achieve the objectives of diversification, liquidity, income, and growth (PFL); (3) researching, formulating positions, and engaging in appropriate civic participation to address local, state, or national issues or policies; and (4) describing purposes, origins, structures and limitations of government and (5) analyzing how public policy – domestic and foreign – is developed at all levels. These concepts and associated skills are aligned with the Colorado Academic Standards for social studies, incorporating 21st Century skills and post secondary and workforce readiness competencies.

SS140 PERSONAL FINANCIAL LITERACY

1 Semester

.5 Credit

(9, 10, 11, 12)

FEE: None

PREREQUISITE: None

Personal Financial Literacy focuses on four critical areas: (1) designing and analyzing financial plans for short and long-term goals; (2) analyzing spending, saving, and investment options; (3) analyzing the components of credit and debt; and (4) identifying, developing, and evaluating risk-management strategies. The course emphasizes the analytical and evaluation skills to become "fiscally fit." These concepts and associated skills are aligned with the Colorado Academic Standards for Social Studies, incorporating 21st Century skills and postsecondary and workforce readiness competencies.

SS220 PSYCHOLOGY **1 Semester** **.5 Credit**
(12) **FEE: None**

PREREQUISITE: None

Psychology is a one-semester course open to interested seniors. Topics studied will include stress management, right/left-brain activities, understanding the psychological state of self and others, learning, intelligence, memory, conflict management, and personality theory. Participation in verbal discussions is required; substantial reading is required.

SS235 SOCIOLOGY **1 Semester** **.5 Credit**
(12) **FEE: None**

PREREQUISITE: None

Sociology is the study of society with the major emphasis on cultures, social organizations, social processes, and social problems. A variety of teaching methods are used. Student papers and essay and objective assessments are part of the evaluation.

SS505A AP US GOVERNMENT/POLITICS A **1 Year** **1 AP Weighted Credit**
SS505B AP US GOVERNMENT/POLITICS B **FEE: None**
(11, 12)

PREREQUISITE: None

This course will provide students with rigorous, critical and analytical study of the United States Government and its political processes, including the studies of the historical and constitutional framework of the U.S. Government, political parties and interest groups, Congress, the Presidency, the Judicial Branch as well as the media. This class is designed to prepare students for the College Board AP test in US Government & Politics. A fee is attached to the AP exam.

SS510A AP US HISTORY A **1 Year** **1 AP Weighted Credit**
SS510B AP US HISTORY B **FEE: None**
(10, 11, 12)

PREREQUISITE: None

This course is designed for sophomores, juniors or seniors who have a good background in social studies and a strong interest in U.S. History. Students will be provided with the analytical skills and factual knowledge to deal critically with problems in the field. The course will help develop those skills necessary to arrive at conclusions on the basis of judgment and to present ideas clearly and persuasively in essay format. Substantial reading and writing are required. Evaluation will be based on objective and essay exams, formal research papers, and class discussion.

*This course can satisfy the U. S. History requirement as well as a Social Studies elective credit.

SS535A AP HUMAN GEOGRAPHY A **1 Year** **1 AP Weighted Credit**
SS535B AP HUMAN GEOGRAPHY B **FEE: None**
(09, 10, 11, 12)

PREREQUISITE: None

AP Human Geography is a rigorous yearlong course that focuses on the distribution, processes, and effects of human populations on the planet. Units of study include population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, agriculture, and urban geography. Emphasis is placed on geographic models and their applications.

Stage Technology

The classes that make up the Stage Technology series are part of the SVVSD Career and Technical Education Program. Classes are open to all students in the SVVSD. The program may be completed in two years, with the student earning 1.5 hours of Career and Technical Education Credit. The complete series must include one semester of Beginning Stage Technology, one semester of Intermediate Stage Technology, and one semesters of Advanced Stage Technology.

Special Considerations:

As a Career and Technical Education class, much of the learning is done “hands-on” in the style of an apprenticeship by working in the Vance Brand Civic Auditorium before, during, and after actual usage. Since most auditorium use occurs during the weekends and evenings, students should be prepared to provide their own transportation to VBCA outside of school hours for intermediate and advanced courses. Students should also be prepared to spend time in the auditorium outside the regular school day and week.

CTE9961 BASIC STAGE TECHNOLOGY

1 Semester

.75 Credit

(09, 10, 11, 12)

FEE: None

PREREQUISITE: None

This is the first-level class in the Stage Technology Vocational Education series and may only be taken one time for credit. It is designed for students who are interested in the backstage elements of stage productions. The class focuses on terminology, history, safety, basic concepts, and the responsibilities of the theatre technician. Students successfully completing this class will be certified to operate follow spotlights and the VBCA fly system. Students successfully completing this class will be certified for basic operation of VBCA lighting and sound systems.

CTE9981 ADVANCED STAGE TECHNOLOGY

1 Semester

.75 Credit

(10, 11, 12)

FEE: None

PREREQUISITE: Intermediate Stage Tech and/or teacher approval

This third-level class in the Stage Technology Vocational Education series may be taken repeatedly for credit with instructor approval. This class focuses on advanced systems operations, advanced theatre maintenance, lighting, sound, and set design, stage management, and technical directions and applying for a job in Stage Technology or a related field, set construction, theories of light, color, sound, basic electricity and electronics, basic theatre maintenance, and the application of this knowledge in the day-to-day operations of the VBCA.

World Language

WL101A FRENCH 1A

1 Year

1 Credit

WL101B FRENCH 1B

FEE: None

(09, 10, 11, 12)

PREREQUISITE: None

Welcome to the French-speaking world. In this course, you will be introduced to the language and culture of France, as well as that of other Francophone nations. Areas of study will include communication skills (speaking, listening, reading, and writing). Using these skills, students will be able to interact with others as they learn about each other's families, activities, likes and dislikes, and will learn to order food in restaurants. Through film, song, reading, and discussion, students will begin to understand the French culture.

WL102A FRENCH 2A

1 Year

1 Credit

WL102B FRENCH 2B

FEE: None

(09, 10, 11, 12)

PREREQUISITE: French 1 and/or teacher recommendation

As the study continues, knowledge of the French language and Francophone culture will expand and deepen. The everyday language used for survival skills will be expanded. The student's personal communication skills will allow for more meaningful conversations with others. The class will continue to work on many projects that will help showcase emerging language skills.

WL103A FRENCH 3A

1 Year

1 Credit

WL103B FRENCH 3B

FEE: None

(10, 11, 12)

PREREQUISITE: French 2 and/or teacher recommendation

French 3 is a continuation of French 1 and 2 and builds upon the proficiencies acquired in those classes. Students will expand their knowledge of French grammar, giving them the ability to express more complex thoughts. They will continue to work on the areas of reading, writing, listening and, above all, speaking. Students will increase their vocabulary so that they are able to discuss and express opinions about a variety of subjects that affect them, their society and the world. Students will continue to learn about art, music, history and film from Francophone countries. This year, students will begin their exploration of French literature. Most courses will be conducted solely in French.

WL104A FRENCH 4A/WL500A AP FRENCH LANGUAGE

1 Year

1 Credit

WL104B FRENCH 4B/WL500B AP FRENCH LANGUAGE

FEE: None

(11, 12)

PREREQUISITE: None

This course is designed and taught in such a way as to provide students with an authentic atmosphere in which to acquire the French language. Building on the foundation of beginning level courses, the level 4/AP course will continue to use French exclusively as the language for instruction, communication and presentation. Emphasis is placed on improving students' listening, reading, speaking and writing skills. Activities will be formatted to help prepare students for the AP French exam while enhancing conversational skills within a cultural context. Oral presentations, group work, informal conversation, compositions and class discussions will help students enhance their language skills in French.

WL164A ITALIAN 4A **1 Year** **1 Credit**
WL164B ITALIAN 4B **FEE: None**
(12)

PREREQUISITE: Successful completion of Italian 3 or teacher recommendation

Italian 4 offers students the opportunity to develop more advanced language skills by building on skills learned in the beginning level courses. Italian will be used exclusively for instruction, communication and presentation. Students will read authentic literature, study history and geography and master more complex grammar structures. Emphasis will be placed on improving students' listening, reading, speaking and writing proficiency.

WL142A MANDARIN CHINESE 2A **1 Year** **1 Credit**
WL142B MANDARIN CHINESE 2B **FEE: None**
(10, 11, 12)

PREREQUISITE: Successful completion of Chinese 1

Building on the content of Chinese 1, Chinese 2 aims to develop students' proficiency to a more advanced level. Students will continue to learn expanded topics through various classroom activities. Listening, speaking and reading abilities are still the main focus of this course. Students will be expected to express themselves in a narrative form at this level. Cultural introduction is incorporated into the curriculum and students will learn how to use Internet resources to explore the Chinese world.

WL143A MANDARIN CHINESE 3A **1 Year** **1 Credit**
WL143B MANDARIN CHINESE 3B **FEE: None**
(11, 12)

PREREQUISITE: Successful completion of Chinese 2

Chinese 3 continues student's learning, expanding topics through various classroom activities based on the prior two years. Four skills are emphasized: listening, speaking, reading and writing. These abilities are integrated to help students develop the Chinese language to a level of fluency. Students will be expected to become independent learners and explore related topics, contexts, conversations, culture, etc. through texts, Internet or other media.

WL144A MANDARIN CHINESE 4A **1 Year** **1 Credit**
WL144B MANDARIN CHINESE 4B **FEE: None**
(12)

PREREQUISITE: Successful completion of Chinese 3

Chinese 4 continues student's learning, expanding topics through various classroom activities based on the prior two years. Four skills are emphasized: listening, speaking, reading and writing. These abilities are integrated to help students develop the Chinese language to a level of fluency. Students will be expected to become independent learners and explore related topics, contexts, conversations, culture, etc. through texts, Internet or other media.

WL151A SPANISH 1A **1 Year** **1 Credit**
WL151B SPANISH 1B **FEE: None**
(09, 10, 11, 12)

PREREQUISITE: None

This course offers an introduction to the language and culture of the Spanish-speaking world. Areas of study will include basic communication skills (listening, speaking, reading, writing) and culture. Using these skills, the student will be able to describe people and things, talk about likes and dislikes, order food, buy clothing, talk about weather, and much more. Students will also learn about Hispanic culture through readings, films, and other activities

WL152A SPANISH 2A **1 Year** **1 Credit**
WL152B SPANISH 2B **FEE: None**
(09, 10, 11, 12)

PREREQUISITE: Spanish 1

This course continues to develop the five language learning components. Using more complex patterns of communication, the student will be able to talk about the past, tell stories, increase vocabulary and explore travel topics. Students will also learn about Hispanic culture through reading, films, music, and other activities

WL153A SPANISH 3A **1 Year** **1 Credit**
WL153B SPANISH 3B **FEE: None**
(10, 11, 12)

PREREQUISITE: Spanish 2 and/or Teacher Recommendation

This course offers students the opportunity to synthesize the knowledge and skills students have acquired in the previous levels. Students can begin to express themselves in more sophisticated ways as well as to expand their understanding of the spoken and written language. Although speaking and listening skills are paramount, there is an increased emphasis on reading and writing.

WL154A SPANISH 4A **1 Year** **1 Credit**
WL154B SPANISH 4B **FEE: None**
(11, 12)

PREREQUISITE: Spanish 3 and/or teacher recommendation

This course offers students the opportunity to develop advanced language skills. Students will read authentic Literature; study the history and geography, and master more complex grammar structures. Emphasis continues to be placed on the development of the student's ability to express him/herself and communicate effectively.

WL156A SPANISH FOR SPANISH SPEAKERS 1A **1 Year** **1 Credit**
WL156B SPANISH FOR SPANISH SPEAKERS 1B **FEE: None**
(09, 10, 11, 12)

PREREQUISITE: None

This course is designed for the student who already has a foundation of the Spanish language. Reading and writing will be the primary focus, with an extensive amount of time on grammar. The student will also study literature of the native language.

WL157A SPANISH FOR SPANISH SPEAKERS 2A

1 Year

1 Credit

WL157B SPANISH FOR SPANISH SPEAKERS 2B

FEE: \$10.00

(10, 11, 12)

PREREQUISITE: Spanish for Spanish Speakers 1 and/or teacher recommendation

This course is designed for students who already speak, read and write fairly well in Spanish, but still need help with vocabulary, spelling and writing for specific purposes. We will continue the grammar overview that began in Spanish for Spanish Speakers 1. Particular attention will be given throughout the course to spelling, accent marks and expanding students' vocabulary beyond their particular region of origin. Students will also read about Hispanics from around the world that gained fame from their literary achievements. Spanish is a language spoken on several continents. Students will learn to speak and write in standard Spanish.

WL510A ADVANCED PLACEMENT SPANISH LANGUAGE A

1 Year

1 AP Weighted Credit

WL510B ADVANCED PLACEMENT SPANISH LANGUAGE B

FEE: \$10.00

(11, 12)

PREREQUISITE: Spanish 4 and/or Teacher Approval

This course provides the motivated student with a wide variety of opportunities to develop advanced Spanish language skills. While students are exposed to the literature, history, and culture of the Spanish-speaking world, emphasis is placed on developing proficiency in self-expression, communication, and critical thinking. Students will read a variety of short works or literary excerpts, listen to recorded stories, watch movies, participate in discussions, role play, tell stories, and demonstrate proficiency in writing. This course prepares students to take the Spanish Advanced Placement Examination. The exam, while not required, is strongly recommended.

** While taking a World Language is not a graduation requirement, three (3) consecutive years of a World Language is strongly recommended for college bound student*