



Monte Vista High School

Course Descriptions

For Academic Year 2025-26

Monte Vista School District does not unlawfully discriminate on the basis of race, color, sex, religion, national origin, ancestry, creed, age, marital status, sexual orientation, genetic information, disability or need for special education services in admissions, access to, treatment, or employment in educational programs or activities which it operates.

Discrimination against employees and applicants for employment based on age, genetic information, and conditions related to pregnancy or childbirth is also prohibited in accordance with state and/or federal law. Complaints should be referred to: Superintendent of Schools, Monte Vista School District, 345 East Prospect Avenue, Monte Vista, Colorado 81144, phone (719)852-5996, email superintendent@monte.k12.co.us. Complaints regarding violations of Title IX should be referred to: Leona Holland, Title IX Coordinator, 345 East Prospect Avenue, Monte Vista, Colorado 81144, phone (719)-852-5996, email: Title9Coordinator@monte.k12.co.us. Complaints regarding violations of Title VI, (race, national origin), Title IX (sex/gender), Section 504/ADA (handicap or disability), may be filed directly with the Office for Civil Rights, U.S. Department of Education, 1244 North Speer Blvd., Suite 310, Denver, CO 80204. Complaints regarding violations of Title II, Title VII (employment) and the ADEA (prohibiting age discrimination in employment) may be filed directly with the Federal Office of Equal Employment Opportunity Commission, 303 E. 17th Ave., Suite 510, Denver, CO 80202, or the Colorado Civil Rights Commission, 1560 Broadway, Suite 1050, Denver, CO 80202.

**MONTE VISTA CONSOLIDATED
SCHOOL DISTRICT C-8**

BOARD OF EDUCATION

Kurtis Holland, Cliff Kincannon,
Orlando DeHerrera, Sarah Herrera, Carly Santi-Lozoya

SCHOOL DISTRICT ADMINISTRATION

Superintendent – Mr. Scott Wiedeman
High School Principal – Mr. Chris Vance

MONTE VISTA HIGH SCHOOL

295 E. Prospect Ave
Monte Vista, CO 81144
(719) 852-3586
Fax (719) 852-6121

INDEX

<u>Fine Arts</u>	Pages 6-7
Intro to Art	
Painting	
Drawing Fundamentals	
Drawing Human Anatomy	
Advanced Art	
Mixed Media Art	
<u>Performing Arts</u>	Pages 7-8
Marching Band/Concert Band	
Band Internship	
Jazz Band	
<u>Language Arts</u>	Pages 8-11
Basic English Skills I	
Basic English Skills II	
ELA 9	
ELA 10	
Advanced ELA 10	
Practical Reading & Writing	
ELA 11	
ELA 12	
AP Language	
AP Literature	
Language Acquisition (ELL)	
<u>Foreign Language</u>	Pages 11-13
Spanish I	
Spanish II	
Spanish III	
<u>Mathematics</u>	Pages 13-16
Algebra I Sem 1A	
Algebra I Sem 2B	
Algebra I	
Geometry	
Applied Geometry	
Algebra II	
Algebra III	
Pre-Calculus 106 & 107	
General Math	
Consumer Math	
Financial Literacy	
<u>Physical Education</u>	Page 16-17
Fitness and Conditioning	
Lifetime Sports	
Athletic Development	

Practical Arts

Business..... Pages 17-18

Intro to Business
Principles of Business Management
Computer Applications
Yearbook

AgriScience & Technology.....Pages 18-20

Principles of AgriBusiness
Introduction to AgriScience & Technology
Principles of Ag Power, Structure and Technical Systems A/B
Engine & Equipment Tech (L3)
Ag Marketing
Ag Leadership
Work Based Learning

Industrial Arts.....Pages 20-21

Principles of Woodworking
Woods I A/B
Woods II A/B
Woods III A/B

Science.....Pages 21-25

Introduction to Biology
Introduction to Chemistry
Introduction to Physics
General Biology
AP Biology
General Chemistry
AP Chemistry
Human Anatomy and Physiology
General Physics
Aquatic Ecology
Forensics
Science Seminar
Physical Earth Sciences
Atmospheric Science

STEM Classes.....Pages 25-26

Intro to Robotics/3D Printing
Robotics II/Intro to Engineering
Web Page Design
Statistics for Research

Social Studies..... Pages 26-29

Civic Government
US History Civil War+
US History WWII+
World Geography
World History
Psychology
Sociology
Women in American History
History Fair
Economics
Criminal Justice

Miscellaneous Offerings..... Pages 29-31

Concurrent ASU and TSJC enrollment
Internship
Library Media Center Aide
Office Aide
Tech Support
Work Release
APEX Credit Recovery

FINE ARTS

***One credit of Fine Arts is required for graduation**

INTRO TO ART

Course Code: 05154

CREDIT: .50

LENGTH: One Semester

LEVEL: Grades 9 - 12

PREREQUISITE: None

Intro to Art is designed for students who want to learn about art. Prior knowledge of drawing is not needed to enroll. Basic techniques and media will be explored in this introduction to art and students will also learn about the elements and principles of art. There will be a \$10 fee for materials used in this class. This course meets the Fine Arts requirement.

PAINTING

Course Code: 05155

CREDIT: .50

LENGTH: One Semester

LEVEL: Grades 9 - 12

PREREQUISITE: Intro to Art

Painting is a semester-long visual arts course where students will explore and experience a variety of painting techniques, media and historical approaches to art. Painting is a problem solving course employing fundamental design and composition concepts. There will be a \$10 fee for materials used in this class. This course meets the Fine Arts requirement.

DRAWING FUNDAMENTALS

Course Code: 05156

CREDIT .50

LENGTH: One Semester

LEVEL: Grades 9-12

PREREQUISITE: Intro to Art

Drawing Fundamentals is a semester-long visual art course that is an introductory studio drawing course with emphasis on learning to see and develop basic drawing skills using various media by employing fundamental design and composition concepts. There will be a \$10 fee for materials used in this class. This course meets the Fine Arts requirement.

DRAWING HUMAN ANATOMY

Course Code: 05159

CREDIT .50

LENGTH: One Semester

LEVEL 9-12

PREREQUISITE: Drawing Fundamentals

Advanced drawing techniques in human anatomy.

ADVANCED ART A**ADVANCED ART B**

CREDIT: .50

LENGTH: Semester (Must take for one year)

LEVEL: Grades 11 - 12

PREREQUISITE: Four semesters of Art

Course Code: 05170**Course Code: 05170***

Advanced Art will allow students to explore all the possibilities in their areas of interest. Students will work more independently toward their artistic goals using experience gained in 4 semesters of art. This course is for serious art students and must have teacher recommendations.

MIXED MEDIA ART

CREDIT: .50

LENGTH: Semester

LEVEL: Grades 9-12

PREREQUISITE: Intro to Art

Course Code: 05199

Mixed Media is a semester-long course that will enable students to work with a wide range of media such as print making, paper mache, recycled projects and cardboard relief. Students will learn different techniques and methods often related to crafts.

PERFORMING ARTS**JAZZ BAND**

CREDIT: .50

LENGTH: One Semester

LEVEL: Grades 9 - 12

PREREQUISITE: Director's approval as well as ability to play a jazz band instrument.

Course Code: 05105

Jazz Band performs standard jazz, jazz-rock, and rock music. Students will learn jazz improvisation techniques. The jazz band will attend at least one jazz festival each year in addition to performing in several concerts, both at home and at other schools. Jazz Band is a performance-based class and attendance is required at all performances and rehearsals.

MARCHING BAND

CREDIT: 1.0

LENGTH: One Semester 2 Periods

LEVEL: Grades 9 - 12

PREREQUISITE: Ability to play a wind or percussion instrument/Spring Tryouts for Color Guard

Course Code: 05103

Marching Band performs in competition at several sites each year, both in state and out-of-state. In addition, the marching band performs at home league and play-off football games. The Monte Vista High School color guard is an auxiliary to the MVHS marching band. Tryouts for this precision drill team are held in the spring, prior to the upcoming year. Color guard members must be present at all band functions and rehearsals. Color guard is a performance-based class and attendance is mandatory. Extra rehearsals may be required during the season and attendance is mandatory. This course meets the fine arts requirement for graduation.

CONCERT BAND**Course Code: 05102**

CREDIT .50

LENGTH: One Semester

LEVEL: 9-12

PREREQUISITE: Ability to play a wind or percussion instrument.

After the marching season, the concert season begins. Concert bands are where musical skills are heightened. Pep band is part of this season. Several concerts are presented in addition to the band performing for other schools. Pep band performs for home, league basketball games. In addition, the concert band performs for graduation at the end of the year. Band is a performance-based class and attendance is required at all band functions and rehearsals. This course meets the fine arts requirement for graduation.

LANGUAGE ARTS**4.0 Credits of Language Arts is required for graduation.****BASIC ENGLISH SKILLS IA****Course Code: 01067****BASIC ENGLISH SKILLS IB****Course Code: 01067***

CREDIT: .50 Each Semester

LENGTH: Semester (Must take both semesters)

LEVEL: 0 (9-10)

PREREQUISITE: None

This course offers students the opportunity to focus on their reading and writing skills. Assistance is targeted to students' particular weaknesses and is designed to bring students' reading comprehension up to the desired level or to develop strategies to read more efficiently. Assistance is targeted to students' particular weaknesses and is designed to bring students' writing skills up to the desired level or to develop strategies to write more efficiently.

BASIC ENGLISH SKILLS IIA**Course Code: 01992****BASIC ENGLISH SKILLS IIB****Course Code: 01992***

CREDIT: .50 Each Semester

LENGTH: Semester (Must take both semesters)

LEVEL: 0 (9-10)

PREREQUISITE: None

This course is a continuation course from Basic English Skills IA and IB. It continues to offer students the opportunity to focus on their reading and writing skills. Assistance is targeted to students' particular weaknesses and is designed to bring students' reading comprehension up to the desired level or to develop strategies to read more efficiently. Assistance is targeted to students' particular weaknesses and is designed to bring students' writing skills up to the desired level or to develop strategies to write more efficiently. This course is also designed to assist students in acquiring the skills necessary to pass proficiency examinations.

ELA 9A**ELA 9B**

CREDIT: .50

LENGTH: Semester

LEVEL: I (9)

PREREQUISITE: None

Course Code: 01001**Course Code: 01001***

English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

ELA 10A**ELA 10B**

CREDIT: .50

LENGTH: Semester

LEVEL: II (10)

PREREQUISITE: ELA 9

Course Code: 01002**Course Code: 01002***

English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

ADVANCED ENGLISH 10A**ADVANCED ENGLISH 10B**

CREDIT: .50

LENGTH: Semester

LEVEL: II (10)

PREREQUISITE: ELA 9

Course Code: 01999**Course Code: 01999***

In Advanced English Language Arts 10, students will engage in a rigorous exploration of literature, writing, and language with a focus on critical thinking, analysis, and communication. This course is designed for students who have a strong foundation in reading and writing and are ready to deepen their understanding of complex texts and sophisticated writing techniques. Through the study of diverse genres, including classic and contemporary literature, poetry, drama, and non-fiction, students will develop their skills in analyzing thematic elements, literary devices, and author's purpose. Emphasis will be placed on making connections between texts and real-world contexts, fostering a deeper understanding of cultural, historical, and social issues. Students will refine their writing abilities by producing a variety of written forms, including analytical essays, research projects, creative works, and persuasive pieces. Emphasis will be placed on crafting clear, coherent, and evidence-based arguments, while also encouraging originality and voice. Additionally, students will practice advanced grammar, syntax, and vocabulary to enhance their written and verbal expression. The course will also focus on effective oral communication skills, with students participating in class discussions, debates, and presentations to develop their ability to express ideas clearly and confidently. By the end of the course, students will be prepared to approach high-level texts and writing tasks with a deeper understanding, enhanced skills, and the confidence to engage in thoughtful, informed discourse.

PRACTICAL READING & WRITING 11A
PRACTICAL READING & WRITING 11B

CREDIT: .50

LENGTH: Semester

LEVEL: III (11)

PREREQUISITE: ELA 10 OR PRACTICAL READING & WRITING 10

Course Code: 01010

Course Code: 01010*

Language Arts Laboratory courses provide instruction in level 11 basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

ELA 11A

ELA 11B

CREDIT: .50

LENGTH: Semester

LEVEL: III (11)

PREREQUISITE: ELA 10

Course Code: 01003

Course Code: 01003*

English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

ELA 12A

ELA 12B

CREDIT: .50

LENGTH: Semester

LEVEL: III (12)

PREREQUISITE: ELA 11

Course Code: 01004

Course Code: 01004*

English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

AP ENGLISH LANGUAGE AND COMPOSITION A
AP ENGLISH LANGUAGE AND COMPOSITION B

CREDIT: .50 Each Semester

LENGTH: Semester (Must take both semesters)

LEVEL IV (11-12)

PREREQUISITE: Teacher Recommendation

Course Code: 01005

Course Code: 01005*

(Dependant upon enrollment and/or need)

Following the College Board's suggested curriculum designed to parallel college-level English courses, this course exposes students to prose written in a variety of periods, disciplines, and rhetorical contexts. Emphasis is placed on nonfiction prose, including journals, speeches, essays, editorials, histories, biographies, and letters, as well as visuals (images, photos, and cartoons) and fiction (short stories, novels, and dramatic selections). Focus is placed on the

rhetorical context and strategies used to establish purpose in reading and writing. The goal of this course is to prepare students for the Advanced Placement exam as well as higher level high school and college courses.

AP ENGLISH LITERATURE A

Course Code: 01006

AP ENGLISH LITERATURE B

Course Code: 01006*

CREDIT: .50 Each Semester

LENGTH: Semester (Must take both semesters)

LEVEL IV (11-12)

PREREQUISITE: Teacher Recommendation

(Dependant upon enrollment and/or need)

Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Literature and Composition courses enable students to develop critical standards for evaluating literature. Students study the language, character, action, and theme in works of recognized literary merit; enrich their understanding of connotation, metaphor, irony, syntax, and tone; and write compositions of their own (including literary analysis, exposition, argument, narrative, and creative writing).

LANGUAGE ACQUISITION (EL SUPPORT)

Course Code 01008

CREDIT: .50 Each Semester (**Elective**)

LENGTH: Semester

LEVEL: 9-12

PREREQUISITE: Language Acquisition Teacher approval

This class is designed to satisfy the CDE and MVSD EL program requirements for serving students whose first language is a language other than English. EL students will be enrolled by the Language Acquisition teacher after a full review of assessment data and classroom performance.

Instruction aligned with the WIDA standards for ELs will focus on developing dual language literacy and may be used to either satisfy a Language Arts or elective credit. Explicit instruction in English and/or Spanish will enhance the four language domains of reading, writing, speaking, and listening. Opportunities will be provided for students to enhance conversational and listening skills through discussion and listening comprehension activities. Students will focus on developing the skills necessary to be successful in core classes. The teacher will support content area classes through reteaching, allowing extra time for completion of assignments.

Students will continue to develop and apply proper grammar and mechanics to a variety of types of writing, including a memoir, biography, response to literature, and/or creative writing. New vocabulary will be introduced, developed, and applied.

FOREIGN LANGUAGE

***One credit of Foreign Language is required for graduation.**

SPANISH IA

Course Code: 06101

CREDIT: .50

LENGTH: Semester

LEVEL: Grades 9 - 12

PREREQUISITE: None

Listening, speaking, reading, writing, and culture are emphasized in this class. Instruction focuses on oral proficiency. Students learn sufficient structure and vocabulary to satisfy basic survival skills and minimum social demands. Conversations, games, songs, speeches, videos, and other strategies are used.

SPANISH IB**Course Code: 06101***

CREDIT: .50

LENGTH: Semester

LEVEL: Grades 9 - 12

PREREQUISITE: None

Listening, speaking, reading, writing, and culture are emphasized in this class. Instruction focuses on oral proficiency. Students learn sufficient structure and vocabulary to satisfy basic survival skills and minimum social demands. Conversations, games, songs, speeches, videos, and other strategies are used.

SPANISH IIA**Course Code: 06102**

CREDIT: .50

LENGTH: Semester

LEVEL: Grade 10 - 12

PREREQUISITE: Spanish I

This class continues the study of Spanish I with a focus on the domains: listening, speaking, reading, writing, and cultural understanding. Students acquire greater ease in speaking and enrich vocabulary in order to satisfy limited social demands. Conversations, games, songs, skits, videos, and other strategies are used.

SPANISH IIB**Course Code: 06102***

CREDIT: .50

LENGTH: Semester

LEVEL: Grade 10 - 12

PREREQUISITE: Spanish I

This class continues the study of Spanish I with a focus on the domains: listening, speaking, reading, writing, and cultural understanding. Students acquire greater ease in speaking and enrich vocabulary in order to satisfy limited social demands. Conversations, games, songs, skits, videos, and other strategies are used.

SPANISH IIIA**Course Code: 06103**

CREDIT: .50

LENGTH: Semester

LEVEL: Grade 10 - 12

PREREQUISITE: Spanish II

This class continues the study of Spanish II with a focus on the domains: listening, speaking, reading, writing, and cultural understanding. Students will complete this course online with teacher approval.

After completing a pretest, the online program will assign students to a certain level of Spanish and progress will be monitored by the teacher. Students practice oral language skills, record their speech, and are given multiple opportunities for vocabulary practice and reinforcement of learned skills.

Students will also be given the opportunity to maintain a journal and conduct literary analysis of literature from Spanish-Speaking countries.

SPANISH IIIB**Course Code: 06103***

CREDIT: .50

LENGTH: Semester

LEVEL: Grade 10 - 12

PREREQUISITE: Spanish II

This class continues the study of Spanish II with a focus on the domains: listening, speaking, reading, writing, and cultural understanding. Students will complete this course online with teacher approval.

After completing a pretest, the online program will assign students to a certain level of Spanish and progress will be monitored by the teacher. Students practice oral language skills, record their speech, and are given multiple opportunities for vocabulary practice and reinforcement of learned skills.

Students will also be given the opportunity to maintain a journal and conduct literary analysis of literature from Spanish-Speaking countries.

MATHEMATICS

Monte Vista High School requires students to earn at least three credits of mathematics for graduation, or four credits for the collegiate diploma, as well as .5 credit of Financial Literacy. Students planning to pursue a college education should adhere to the following math sequence:

Algebra I → Geometry → Algebra II → Algebra III → Precalculus.

Course Offerings: Algebra I Sem 1 A/B, Algebra I Sem 2-A/B, Algebra I, Algebra II, Algebra III, Geometry, Financial Literacy(1 sem), Precalculus:106/107

ALGEBRA I SEM I-A**Course Code: 02053****ALGEBRA I SEM I-B****Course Code: 02053***

CREDIT: .50 Each

LENGTH: Semester

LEVEL: Grades 9-12

PREREQUISITE: None

This course covers the first half of Algebra I over an entire year.

ALGEBRA I SEM 2-A/B**Course Code: 02054****ALGEBRA I SEM 2-A/B****Course Code: 02054***

CREDIT: .50 Each

LENGTH: Semester

LEVEL: Grades 9-12

PREREQUISITE: Algebra I Sem 1

This course covers the second half of Algebra I over an entire year.

ALGEBRA IA**Course Code: 02052****ALGEBRA IB****Course Code: 02052***

CREDIT: .50 Each

LENGTH: Semester

LEVEL: Grades 9-12

PREREQUISITE: Demonstrated mastery of pre algebra skills, typically assessed at the end of 8th grade.

Algebra 1 is the critical element in secondary and post-secondary mathematics education. Algebra 1 is the first math course that uses symbols to represent quantities without fixed values, known as variables. This course explores linear, quadratic, and exponential relationships. Students analyze and explain the process of solving linear and quadratic equations and inequalities. Students learn function notation and develop the concepts of domain and range. They interpret functions graphically, numerically, symbolically, and verbally, translate between representations, and understand the limitations of various representations. Students compare and contrast linear and quadratic functions and explore systems of equations and inequalities. They analyze polynomials and become acquainted with factoring. Students compare the key characteristics of quadratic, linear and exponential functions. Students will learn to utilize math software and graphing calculators. An Algebra I credit is required for high school graduation and for college entry.

GEOMETRY A

GEOMETRY B

CREDIT: 0.5

LENGTH: One semester

LEVEL: Grades 9 - 12

PREREQUISITE: Algebra I

Course Code: 02071

Course Code: 02071*

In this course students explore more complex geometric situations and deepen their explanations of geometric relationships through the development of inductive and deductive reasoning skills. Students identify, construct, and analyze line and angle relationships. Students establish triangle congruence criteria based on analyses of rigid motions and formal constructions. They use line and angle relationships along with triangle congruence as a familiar foundation for the development of formal proof. Students build a formal understanding of triangles, use similarity to solve problems, and apply similarity in right triangles to understand right triangle trigonometry, with particular attention to special right triangles and the Pythagorean Theorem. Students investigate two-dimensional and three-dimensional objects to create informal explanations of circumference, area and volume formulas. Students use a rectangular coordinate system to verify geometric relationships, including properties of special triangles and quadrilaterals and slopes of parallel and perpendicular lines. Students prove basic theorems about circles, such as a tangent line is perpendicular to a radius, the inscribed angle theorem, and theorems about chords, secants, and tangents dealing with segment lengths and angle measures.

APPLIED GEOMETRY A

APPLIED GEOMETRY B

CREDIT: 0.5

LENGTH: One Semester

LEVEL: Grades 9-12

PREREQUISITE: Algebra I

Course Code 02079

Course Code 02079*

In this hands-on Geometry class, students explore the practical applications of geometric concepts in the real world, bridging the gap between theory and everyday use. The course is designed to be interactive, with students applying their knowledge of shapes, angles, symmetry, and measurements to solve real-life problems.

ALGEBRA IIA**ALGEBRA IIB**

CREDIT: .50

LENGTH: Semester

LEVEL: Grades 10 - 12

PREREQUISITE: Algebra I, Geometry

Course Code: 02106**Course Code: 02106***

This course is recommended for any student who wants or will need a broad algebra base for his/her vocation. Students extend their repertoire of functions to include polynomial, rational, and radical functions. Students develop the structural similarities between the system of polynomials and the system of integers. They connect multiplication of polynomials with multiplication of multi-digit integers and division of polynomials with long division of integers. Students identify zeros of polynomials, including complex zeros of quadratic polynomials. Students expand their previous algebra work with functions, their geometric work with trigonometric ratios and circles, and how to use the coordinate plane to extend trigonometry to model periodic phenomena. Students extend their work with exponential functions to include solving exponential equations with logarithms. They identify appropriate types of functions to model a situation, they adjust parameters to improve the model, and they compare models by analyzing appropriateness of fit and making judgments about the domain over which a model is a good fit. Additionally, students identify different ways of collecting data including sample surveys, experiments, and simulations - and the role that randomness and careful design play in the conclusions that can be drawn.

PRE-CALCULUS 106/107 Fall/Spring

CREDIT: .50

LENGTH: Semester

LEVEL 11-12

PREREQUISITE: Algebra II

Course Code: 02126**Course Code: 02126***

An introduction to the basic techniques of algebra. Topics include functions (linear, quadratic, polynomial, root, rational, exponential, and logarithmic), systems of equations, matrix algebra, inequalities, and complex numbers. Optional topics include partial fractions, synthetic division, mathematical induction, sequences and series, and counting principles.

GENERAL MATH

CREDIT .50

LENGTH: Semester

LEVEL 9-12

PREREQUISITE: None

Course Code: 02002

General Math courses reinforce and expand students' foundational math skills, such as arithmetic operations using rational numbers; area, perimeter, and volume of geometric figures, congruence and similarity, angle relationships, the Pythagorean theorem, the rectangular coordinate system, sets and logic, ratio and proportion, estimation, formulas, solving and graphing simple equations and inequalities.

CONSUMER MATH**Course Code 02157**

CREDIT .50

LENGTH Semester

LEVEL 11-12

PREREQUISITE: 2 Previous Math credits

Consumer Math courses reinforce general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

FINANCIAL LITERACY**Course Code 02999**

CREDIT .50

LENGTH Semester

LEVEL 12

PREREQUISITE None

How money smart are you? Step into this course specifically designed for high school students to understand the importance of the financial world, including planning and managing money wisely. The course will cover behavioral finance, taxes, checking and savings accounts, paying for college, types of credit, managing credit, investing, insurance and budgeting. Through project-based learning activities and tasks, students will apply mathematical concepts in realistic scenarios and will actively engage by applying the mathematics necessary to make informed decisions related to personal finance. Financial Literacy places great emphasis on problem solving, reasoning, representing, connecting and communicating financial data.

PHYSICAL EDUCATION/HEALTH***One credit of Physical Education is required for graduation.****ATHLETIC DEVELOPMENT A****Course Code: 08009****ATHLETIC DEVELOPMENT B****Course Code: 08009***

CREDIT: .50

LENGTH: Semester

LEVEL: 9-12

PREREQUISITE: For Athletes Only

This class is an advanced fitness class designed to help student athletes develop a stronger team culture and stimulate a higher-quality output, through continuous training and alignment. Essential to the athletic routine is that it involves frequent personal interaction and continuous training.

FITNESS AND CONDITIONING A
FITNESS AND CONDITIONING B

CREDIT: .50 each
LENGTH: Semester
LEVEL: Grades 9 - 12
PREREQUISITE: None

Course Code: 08005
Course Code: 08005*

This course is designed to increase the students' overall cardiovascular endurance, strength, agility, and flexibility. Activities will include running, jogging, weight training, plyometric training, agility training, and flexibility training.

LIFETIME ACTIVITIES A
LIFETIME ACTIVITIES B

CREDIT: .50 each
LENGTH: Semester
LEVEL: Grade 9-12
PREREQUISITE: None

Course Code: 08004
Course Code: 08004*

This course is designed to increase students' acquisition of lifetime activities to stay healthy and fit. Activities include individual sports such as running, and yoga to group sports such as badminton, soccer, volleyball, basketball, team handball and softball.

CAREER AND TECHNICAL EDUCATION CERTIFICATION PROGRAMS

***Principles of Business Management, Yearbook and Intro to Business count as a practical art. Students must earn 1 credit of Practical Arts and 1 credit of Computer Applications to meet the graduation requirements.**

BUSINESS

COMPUTER APPLICATIONS A/B

CREDIT: 1.0
LENGTH: One Year
LEVEL: 9 Required
PREREQUISITE: None

Course Code 10005
Course Code 10005*

In Computer Applications courses, students acquire knowledge of and experience in the proper and efficient use of previously Google Drive. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing. The 2nd semester of this course will also include internet safety and online footprint precautions and awareness.

YEARBOOK

CREDIT: .50 Each Semester (**Practical Art**)
LENGTH: Semester (Must take both semesters)
LEVEL: Grades 9-12

PREREQUISITE: Submitted application and teacher recommendations; Approval by the instructor/administration

Course Code: 11104

This course is designed to publish the *Pirateer* yearbook. The goal is to define and record the school year in a poignant and provoking photographic historical record that creates lasting memories of student life, sports, academics, clubs, our

school community, and most importantly, the people who breathe life into our school. Students will be taught standards of good yearbook production including page layout designs, copywriting, caption writing, headline writing, advertisement design, advertisement sales, yearbook sales, and photojournalism techniques. Computer skills are a must. Students will develop the skills to take pride in their work and be reliable, loyal, committed, and able to handle deadline pressure.

INTRODUCTION TO BUSINESS -

Course Code: 12051

CREDIT: .5

LENGTH: One semester

LEVEL: Grades 9 - 12

PREREQUISITE: None

Course Description:

Introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics.

PRINCIPLES OF BUSINESS MANAGEMENT

Course Code: 12052

CREDIT: .5

LENGTH: One Semester

LEVEL: Grades 10 - 12

PREREQUISITE:

Course Description:

Provides an overview of the principles of management. Emphasis is on the primary functions of planning, organizing, staffing, leading and controlling with a balance between the behavioral and operational approaches

AGRISCIENCE & TECHNOLOGY

***These classes count as a Practical Art**

INTRODUCTION TO AGRISCIENCE & TECHNOLOGY

Course Code: 18001

CREDIT: .50

LENGTH: One Semester

LEVEL: Grades 9-12

PREREQUISITE: None

An introductory course for first year agriculture education students. This course introduces students to the foundational principles of agriculture, food and natural resources. Students will gain knowledge in career development, leadership, personal development, communications, animal science, plant science, natural resources, food science, power/structure and agribusiness.

PRINCIPLES OF AG POWER, STRUCTURE, AND TECHNICAL SYSTEMS A

Course Code: 18401

PRINCIPLES OF AG POWER, STRUCTURE, AND TECHNICAL SYSTEMS B

Course Code: 18401*

CREDIT: .50 each semester

LENGTH: Semester

LEVEL I

PREREQUISITE: Intro to Agriculture

A is an introductory course educating students to the basic skills and knowledge in construction and land management. This course covers topics including safety, project management, land site management, irrigation and drainage and

agriculture structures and components. Upon completion of this course, proficient students will be prepared for more advanced coursework in agricultural mechanics.

ENGINE & EQUIPMENT TECH A
ENGINE & EQUIPMENT TECH B

Course Code: 18402
Course Code: 18402*

CREDIT: 50 each semester

LENGTH: Semester

LEVEL 3

PREREQUISITE: Principles of Ag Power A/B

Agriculture Structures courses provide students with the skills and knowledge that are specifically applicable to the construction, maintenance, and repair of structures integral to the agricultural industry, including but not limited to animal enclosures, irrigation systems, and storage facilities. In these courses, students typically study design, planning, and construction knowledge and skills (such as survey, carpentry, plumbing, concrete, and electrical systems), in addition to the safe operation of tools and machines.

PRINCIPLES OF AGRIBUSINESS MANAGEMENT A
PRINCIPLES OF AGRIBUSINESS B MANAGEMENT B

Course Code: 18201
Course Code: 18201*

CREDIT: .50

LENGTH: Semester

LEVEL 2

PREREQUISITE: None

In this course students will be comparing and contrasting business models and identifying the advantages and disadvantages to owners within the agribusiness chain. Students will show an understanding of basic record keeping skills and applications in agribusiness. Components include the general journal, balance sheet, cash flow statements, and financial statements, reconciliation of accounts, net worth, income statements and profit/loss statements. Students will understand how these records allow for business decisions within an agribusiness or Supervised Agriculture Experience (SAE) program.

AG LEADERSHIP A
AG LEADERSHIP B

Course Code 18203
Course Code 18203*

CREDIT .50 Each Semester

LENGTH: Semester

LEVEL: 10-12

PREREQUISITE: Ag Classes/FFA

Focuses on the leadership skills for contemporary organizations. Covers development and communication a shared vision to motivate and empower employees to manage conflict, to negotiate, and to develop teams.

AG MARKETING A
AG MARKETING B

CREDIT: .50

LENGTH: Semester

LEVEL: 10-12

PREREQUISITE: Intro to Ag

Course Code 18999

Course Code 18999*

The selling and marketing of real-life agriculture products will be the focus of the class. The student will learn step-by-step sales techniques, stage presence, self-evaluation of voice, habits, abilities in sales, and understanding of sales careers. In marketing of the projects; topics covered include market researching, trade, and competition and pricing in relation to the development of a marketing plan for commodities or other agricultural products or services. Students will continue progress in FFA leadership skills as well as strengthen their Supervised Agriculture Experience.

AG WORK BASED LEARNING A
AG WORK BASED LEARNING B

CREDIT: .50

LENGTH: Semester

LEVEL 11-12

PREREQUISITE: Ag Classes

Course 12998

Course 12998*

Students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education.

INDUSTRIAL ARTS

PRINCIPLES OF WOODWORKING:

CREDIT .50

LENGTH: Semester

LEVEL: 9-12

PREREQUISITE: None

Course Code:13003

Industrial Arts courses expose students to the tools and machines that they may encounter in manufacturing-related occupations and enable them to develop the skills they need to use these tools in various applications. Course topics typically include (but are not limited to) drawing and planning, graphic arts, and woodwork. This course will cover general safety and career exploration as well.

WOODS I A
WOODS I B

CREDIT: .50 Each Semester (Must take A & B)

LENGTH: Semester

LEVEL: Grades 9 - 12

PREREQUISITE: None

Course Code: 17006

Course Code: 17006*

This course will develop skills in the proper use and identification of hand and power tools while working with wood. Students will build an assigned project in the first semester. This is designed to build skills and confidence around the tools inside the shop. After successful completion of the project, students will design and build a project of their choice. A set of criteria will be set for this project. Material cost for this project will need to be paid for in advance. Safe work

habits will be stressed along with design, craftsmanship, problem solving, and application of skills. Enclosed shoes and proper work attire will be required at all times. Attendance is crucial in this hands-on course. Students may take initiative to have the ability to make up any time missed for any reason, as completion of each semester's projects is required by the end of the semester to successfully pass the class. There will be a **\$15 lab fee, students must pay for materials for the second project constructed in this class.**

WOODS II A

Course Code: 17007

WOODS II B

Course Code: 17007*

CREDIT: .50 Each Semester

LENGTH: Semester (Must take A & B)

LEVEL: Grades 10 - 12

PREREQUISITE: Woods I

This course is for students who want to expand their woodworking skills. It will further improve and develop intermediate skills in the use of hand and power tools while working with wood materials. Students will be expected to plan and build a piece of furniture or make a cabinet to meet certain criteria each semester. Safe work habits will be stressed, along with design, craftsmanship, problem solving, and application of skills. Enclosed shoes and proper work attire will be required at all times. There will be a **\$15 lab fee for glue, sand paper, screws, nails and miscellaneous supplies. In addition students must pay for their materials for their projects in advance.** Attendance is crucial in this hands-on course. A successful student will take the initiative to make up any time missed for any reason, as completion of each semester's projects is required by the end of the semester to successfully pass the class.

WOODS IIIA

Course Code: 17047

WOODS III B

Course Code: 17047*

CREDIT: .50 Each Semester

LENGTH: Semester (Must take A & B)

LEVEL: Grades 11- 12

PREREQUISITE: Woods II (Woods I & II A & B)

Required Material: Personal Protective Equipment (Glasses at minimum)

Woodworking Technology III provides continuing instruction in woodworking with a blend of historic and modern technology skills. This course includes in-depth instruction of hand tools, power tools, custom made tools, advanced woodworking techniques, drafting and wood science.

SCIENCE

The Monte Vista High School offers a wide variety of courses to meet student needs for future goals and avenues for the required credits for graduation.

***REQUIRED SCIENCE CREDITS: 3.0**

INTRO TO SCIENCE:

Course Code:03202

CREDIT: .50

LENGTH: One Semester

LEVEL: 9

PREREQUISITE: None

Introduction to Science as a discipline and methodology: Lab based, students learn scientific terminology, literature review and citing sources, proper experimental design, proper lab reports, oral presentation, evidence-based explanations, scientific argument, dimensional analysis, significant digits, etc.

INTRO TO BIOLOGY:

CREDIT: .50

LENGTH: One Semester

LEVEL: Grade 9

PREREQUISITE: Intro to Science

Course Code: 03062

Essential concepts in Biology

INTRO TO CHEMISTRY:

CREDIT: .50

LENGTH: One Semester

LEVEL: Grade 9

PREREQUISITE: Intro to Science or equivalency test

Course Code: 03105

Essential concepts in Chemistry

INTRO TO PHYSICS:

CREDIT .50

LENGTH: One Semester

LEVEL: Grade 9

PREREQUISITE: Intro to Science or equivalency test

Course Code: 03152

Essential concepts in Physics

GENERAL BIOLOGY A**GENERAL BIOLOGY B**

CREDIT: .50 each semester

LENGTH: One Semester

LEVEL: Grades 10-12

PREREQUISITE OR CONCURRENT: Intro to Science

Course Code: 03052**Course Code: 03052***

General Biology courses cover biological systems in more detail. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms. AP Prep

AP BIOLOGY A (Yearly)**AP BIOLOGY B**

CREDIT: .50 each

LENGTH: One Semester

LEVEL: Grade 10-12

PREREQUISITE: General Biology A & B

Course Code: 03056**Course Code: 03056***

AP Biology is a rigorous and demanding class, which serves as the equivalent of an introductory college biology course. Content will be covered in greater depth, with an emphasis on interpretation and analysis of information, linkage of complex ideas and concepts, as well as mastery of content-specific vocabulary and nomenclature. In addition, statistical analysis of data, self-directed scientific inquiry, and modeling of concepts will be expected. Students will be required to spend a significant amount of studying at home to allow time for discussion, labs, and inquiry during class time, and to ensure their success in this course. The AP Biology curriculum encompasses four 'big ideas', with Essential Knowledge

and Process Skills that support each one. **Big Idea 1: Evolution** – the process of evolution drives the diversity and unity of life. **Big Idea 2: Cellular Processes (Energy and Communication)** – Biological systems utilize free energy and molecular building blocks to grow. **Big Idea 3: Genetics and Information Transfer** – living systems store, retrieve, transmit, and respond to information essential to life processes. **Big Idea 4: Interactions** – Biological systems interact and these systems and their interactions possess complex properties. At the end of the course, students will have the opportunity to take the AP Biology exam and earn college credit towards an introductory Biology course.

GENERAL CHEMISTRY A

Course Code: 03101

GENERAL CHEMISTRY B

Course Code: 03101*

CREDIT: .50

LENGTH: One Semester

LEVEL: Grade 10-12

PREREQUISITE OR CONCURRENT: Intro to Science

Chemistry courses cover chemical properties and interactions in more detail. Advanced chemistry topics include organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry. AP Prep

AP CHEMISTRY A (Dependant upon enrollment and/or need)

Course Code: 03106

AP CHEMISTRY B

Course Code: 03106*

CREDIT: .50 each

LENGTH: One Semester

LEVEL: Grades 11 -12

PREREQUISITE: General Chemistry A & B

This is an advanced placement course designed to prepare the student for the AP Chemistry exam. The course covers the equivalent of one full year of college level General Chemistry, comparable to a first-year course at a college or university. The course is a rigorous math-based course, with a strong laboratory component. It is intended for students who have demonstrated a willingness to commit considerable time to studying and completing assignments outside of class, and who have successfully completed a prior course in chemistry during high school. The course will develop the students' ability to incorporate mathematical skills in the solution of chemistry problems, through both the use of textbook problems and laboratory activities. Because passing the AP exam may qualify the student to earn college credit and by-pass a first-year college chemistry course, AP chemistry should not be considered "college prep." Rather this is a college class with college-level expectations for behavior, participation, and effort.

HUMAN ANATOMY AND PHYSIOLOGY A

Course Code: 03053

HUMAN ANATOMY AND PHYSIOLOGY B

Course Code: 03053*

CREDIT: .50 Each

LENGTH: One Semester

LEVEL: Grades 11 - 12

PREREQUISITE: Intro to Biology or General Bio A

This course will provide students an opportunity to explore the sophisticated relationships between structure and function in the human body within the context of evolutionary changes that have led to the modern design of the human body-plan. Students will examine the inner workings of each major body system, and explore topics such as homeostasis, anatomical and physiological disorders, medical diagnosis and treatment, modern and past imaging techniques, biochemistry, cytology, and histology within the remarkable array of body systems that comprise the human body. Laboratory activities using mammalian specimens, plastic models, and online interactive media will reinforce concepts and principles presented in the course.

GENERAL PHYSICS A**GENERAL PHYSICS B**

CREDIT: .50 Each

LENGTH: One Semester

LEVEL: Grade 10-12

PREREQUISITE OR CONCURRENT: Intro to Science

Course Code: 03151**Course Code: 03151***

Comprehensive coverage of Physics concepts.

AQUATIC ECOLOGY

CREDIT: 0.5

LENGTH: One Semester

LEVEL: Grades 9-12

PREREQUISITE: Intro to Science, Biology Chemistry or Physics

Course Code: 03005*

Students will collect, analyze, and present data related to ecological systems they monitor in class or in the field. Students will also be trained as volunteers for the Colorado Parks and Wildlife program, River Watch, where they will learn how to collect stream water samples and perform several chemical tests to determine the health of the river. Students will also learn how nutrients cycle within ecosystems, and how to manage their own “aquaponics” tank.

FORENSICS

CREDIT: 0.5

LENGTH: One Semester

LEVEL: Grades 9-12

PREREQUISITE:

Course Code: 03204

Students in the Forensics class will learn the applications of the methods of the natural and physical sciences to matters of criminal and civil law.

SCIENCE SEMINAR

CREDIT: 0.5 each semester

LENGTH: Year Long

LEVEL: Grades 9-12

PREREQUISITES: Teacher Approval

Course Code: 03999

This course involves students conducting rigorous, independent research on Science/Math/Engineering topics of their choice. Project designs can be experimental/manipulative (classic “scientific method”), or technological (such as computer programming, robotics, or engineering). The project will culminate with attendance and competition at the San Luis Valley Regional Science Fair (SLVRSF) held in the spring semester. Throughout this process, students will learn how to manage their time and complete a long-term project, conduct a literature review relating to their topic, write a journal-style research report in APA format, use statistics, create a display, and give oral presentations to peers, teachers, and fellow scientists. Students with projects that showcase excellent design and thorough execution may be chosen to compete at the Colorado Science and Engineering Fair (CSEF) or the International Science and Engineering Fair (ISEF) as determined by a panel of judges at the SLVRSF or CSEF.

PHYSICAL EARTH SCIENCES

Course Code: 03007

CREDIT: 0.5

LENGTH: One Semester

LEVEL 9-12

PREREQUISITES: None

Physical Earth Science courses equip students with an understanding of the constraints and possibilities that the physical environment places on human development. These courses include discussion of the physical landscape through geomorphology and topography, the patterns and processes of climate and weather, and natural resources.

ATMOSPHERIC SCIENCE

Course Code: 03006

CREDIT: .50

LENGTH: One Semester

LEVEL 9-12

PREREQUISITES: None

This course is designed for the student who will be learning about current weather maps; structure of the atmosphere and the role of moisture in the development of dew, clouds, and precipitation; air masses, fronts, cyclones, thunderstorms, tornadoes, and hurricanes. Elements of weather forecasting, instrumentation and communication are included.



Course Descriptions

The main objective of Science, Technology, Engineering, and Mathematics (STEM) is to offer students a wide range of opportunities from career readiness and hands-on experience to college preparation. Monte Vista High School STEM Classes set high standards for rigorous and engaging study, developing students' innovative, collaborative, and problem-solving skills. These classes may count as the third or fourth science or math credit needed for the high school diploma once other science or math requirements have been met. Only one STEM credit may be used in this manner.

ROBOTICS II/INTRODUCTION TO ENGINEERING (Fall)

Course Code: 21009

CREDIT: 0.5

LENGTH: One Semester

LEVEL: Grades 9 - 12

PREREQUISITE: None

This course will use robotics to cover the fundamentals of problem solving, program design, algorithms and programming using an intro-level computer language. A robot is an embedded system of software and hardware. Programming and building robots applies science, technology, engineering and math (STEM) concepts. Students will compete at a robotics competition. The major focus of Intro to Engineering is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation.

INTRO TO ROBOTICS/3D PRINTING (Spring)**Course Code: 10251**

CREDIT: 0.5

LENGTH: One Semester

LEVEL: Grades 9 - 12

PREREQUISITE: None

This course will use robotics to cover the fundamentals of problem solving, program design, algorithms and programming using an intro-level computer language. A robot is an embedded system of software and hardware. Programming and building robots applies science, technology, engineering and math (STEM) concepts. 3D Printing is a project-based course for the self-motivated student. It utilizes an interdisciplinary set of technologies that can be applied to solve real-world problems. Students will work independently and/or form teams to identify a project they would like to design and implement. After projects are identified, classes will be working sessions on these projects.

WEB PAGE DESIGN**Course Code: 10201**

CREDIT: 0.5

LENGTH: One Semester

LEVEL: Grades 9-12

PREREQUISITES: Teacher Recommendation

This course is an introduction to website management, website graphics, and animation for students who want to learn how to create and manage web pages. Students will learn how to design websites and upload files to the Internet. One of the primary objectives of the class will be the upkeep, design, and expansion of the Monte Vista School District websites.

STATISTICS FOR RESEARCH**Course Code: 02209**

CREDIT: 0.5

LENGTH: One Semester

LEVEL: Grades 9-12

PREREQUISITES: None

Statistical analysis is used in designing scientific studies to increase consistency, measure uncertainty, and produce robust datasets.

SOCIAL STUDIES

*3.0 credits of Social Studies are required to graduate. This includes .50 Civil War, .50 WWII, .50 World Geography, .50 World History, .50 Economics, .50 Civic Government.

CIVIC GOVERNMENT A**Course Code: 04151****CIVIC GOVERNMENT B****Course Code: 04151***

CREDIT: .5

LENGTH: Semester

LEVEL: Grade 11 - 12

PREREQUISITE: None

This course will examine the structure and purposes of government at the federal, state, and local levels. Part of this will include an in depth study of the US Constitution. Civic responsibility of the citizenry will also be discussed. This course meets the Government credit requirement for graduation.

U. S. HISTORY - CIVIL WAR +**Course Code: 04102**

CREDIT: .5

LENGTH: One semester

LEVEL: Grade 9

PREREQUISITE: None

This course will be a survey of the various historic periods of United States History from the Civil War through the Great Depression. Both foreign and domestic topics and their impact on the United States will be covered. This course meets the History credit requirement for graduation.

U. S. HISTORY - World War II +**Course Code: 04103**

CREDIT: .5

LENGTH: One semester

LEVEL: Grade 9

PREREQUISITE: None

This course will be a survey of the various historic periods of United States History from World War II into modern times. Both foreign and domestic topics and their impact on the United States will be covered. This course meets the History credit requirement for graduation.

WORLD GEOGRAPHY**Course Code: 04052**

CREDIT: .5

LENGTH: One year

PREREQUISITE: None

World Geography will be studied by examining the various aspects of geography. Various concepts of geography will be covered. Students will study the geography and cultures of the different regions of the world. This course meets the Geography credit requirement for graduation.

WORLD HISTORY**Course Code 04051**

CREDIT: .50

LENGTH: One Semester

PREREQUISITE: Civil War, WWII

World History—Overview courses provide students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History—Overview courses may include geographical studies, but often these components are not as explicitly taught as geography.

PSYCHOLOGY**Course Code: 04254**

CREDIT: .5

LENGTH: Semester

LEVEL: Grades 10 – 12

PREREQUISITE: None

This course is a basic introduction to psychology. It will cover various topics dealing with human behavior. This is an excellent course to take if a student is interested in taking post secondary psychology courses. This course meets a General Social Studies credit requirement for graduation.

SOCIOLOGY**Course Code: 04258**

CREDIT: .5

LENGTH: Semester

LEVEL: Grades 10 – 12

PREREQUISITE: None

This course will look at society as a whole. Sociology is the study of society. This class will delve into the structure of society and roles of various groups within societies. Students will become familiar with several different social philosophies and the scientists who devised these theories. This is an excellent course to take if a student is interested in taking post secondary sociology courses. This course meets a General Social Studies credit requirement for graduation.

WOMEN IN AMERICAN HISTORY**Course Code: 04108**

CREDIT: .5

LENGTH: Semester

LEVEL: Grades 10 – 12

PREREQUISITE: None

This course examines the role of women in American History with special emphasis on how the story of women is told by historians over time. It examines the experience of women from various ethnicities and economic backgrounds. In addressing how Americans construct their understanding of women's lives in the U.S. The course will also reassess how focusing on women's lives might alter one's understanding of the broader patterns and interpretations of American History. (Meets U.S. History Graduation Requirement)

HISTORY FAIR**Course Code: 04097**

CREDIT: .5

LENGTH: Semester

LEVEL: Grades 9 – 12

PREREQUISITE: None

History Fair, a year-long academic program (completed in a Fall semester course) for 9th to 12th grade students, is centered around historical research, interpretation, and creative expression. For their NHD (National History Day) projects, students become writers, filmmakers, web designers, playwrights, and artists as they create unique contemporary expressions of history. The program culminates in a series of contests at the local and state levels – and an annual national competition in the nation's capital each June.

ECONOMICS**Course Code: 04201**

CREDIT: .5

LENGTH: Semester

LEVEL: Grades 11 – 12

PREREQUISITE: None

This course provides students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economics system. This course will also cover principles of macroeconomics, international economics, and comparative economics.

CRIMINAL JUSTICE**Course Code: 04162**

CREDIT: .5

LENGTH: Semester

LEVEL: Grades 11 – 12

PREREQUISITE: None

This course provides the philosophical and historical background of the agencies that compose the criminal justice system. It focuses on the development of justice and law, crime and punishment, the administration of laws, the agencies' functions, career orientation and public relations. By the end of the course each student should have a better understanding of the local, state, and federal criminal justice systems.

MISCELLANEOUS OFFERINGS**ASU Concurrent Semester 1****Course Code:7000****ASU Concurrent Semester 2****Course Code:7000*****TSC Concurrent Semester 1****Course Code:1257****TSC Concurrent Semester 2****Course Code: 1257***

CREDIT: MVHS will grant 1.0 credit for every 3-hours of credit and .5 credit for 1-2 hours of credit from ASC or TSC. See counselor for details.

LENGTH: ASC/TSC Semester

LEVEL: Grades 9-12

PREREQUISITE: Approval of Principal, Grade Point Average of 3.0 or higher. Must be a course not offered at MVHS or the student is required to take the MVHS course before the college course.

A student who is interested in taking a class at ASC or TSC and receiving Monte Vista High School credit should set up a meeting with the counselor, the student, and the student's parent(s) to discuss enrollment policy and procedure. Transportation, fees, books, and supplies are the responsibility of the student. The school district assumes the cost of tuition.

INTERNSHIP**Course Code 22995**

CREDIT: .50

LENGTH: Semester

LEVEL: Grade 12 and some 11th with special consideration

PREREQUISITE: The setting must meet goals in the student's career plan

Students will have the opportunity to work in a job setting that is aligned with future career and educational goals. The position does not have to be paid; it can be for work experience and credit only. Students are expected to secure the internship themselves and are responsible for their own transportation. The internship learning opportunities will be tied

to an academic pathway of study. This class is graded on a pass/fail system, if paid, and does not count toward calculation of Grade Point Average (GPA). If it is not a paid position it may be graded on a letter grade system.

LIBRARY MEDIA CENTER

CREDIT: 0.5

Course Code: 22053

LENGTH: One Semester

LEVEL: Grade 12

PREREQUISITE: Librarian approval

Students explore careers in library science by learning how the school library operates, about cataloging systems, filing, automated library tools, and the use of other common reference tools. On-line retrieval includes use of the internet and Atrium. This is a service-oriented position that facilitates success in education. This class is graded on a pass/fail system and does not count toward calculation of Grade Point Average (GPA)

OFFICE AIDE*

Course Code: 22051

CREDIT: 0.5

LENGTH: One Semester

LEVEL: Grade 12

PREREQUISITE: Office secretary approval

Students will explore careers in office work in a school setting by working with office personnel. This class is graded on a pass/fail system and does not count toward calculation of Grade Point Average (GPA).

TECH SUPPORT

Course Code: 10256

CREDIT: 0.5

LENGTH: One year

LEVEL: 10 – 12

PREREQUISITE: District Network Administrator permission

Students will learn the basics of computer repair and network support. This will include building spare computers, replacing network cabling and equipment, and troubleshooting common computer and network problems. Students will assist the District Network Administrator in many facets of technology support. This class is graded on a pass/fail system and does not count toward calculations of Grade Point Average (GPA).

WORK RELEASE*

Course Code: 22998

CREDIT: 0.5

LENGTH: One Semester

LEVEL: Grade 12

PREREQUISITE: Counselor/Principal approval

Students are given the opportunity to explore careers by working with local businesses. Students are expected to secure employment and make arrangements with the Counselor/Principal. A contract is established between the employer, the school, the student, and his parents. The employer will complete a written evaluation each quarter. (Only granted when all graduation requirements have been met.) This class is graded on a pass/fail system and does not count toward calculation of Grade Point Average (GPA). A maximum of one credit per year will be granted for work release.

APEX**Course Code: 1404**

CREDIT: 0.5

LENGTH: One Semester

LEVEL: Grades 9-12

PREREQUISITE: Teacher/Counselor Recommendation

Students are given the opportunity for credit recovery for the following core classes:

- English 9A, 9B, 10A, 10B, 11A, 11B, 12A
- Civil War, World War II
- Economics, Government
- World Geography
- APEX Science

EARLY CHILDHOOD EDUCATION**Course Code: 19052**

CREDIT: 1.0

LENGTH: One Semester

LEVEL: 10-12

PREREQUISITE: Counselor Recommendation

This course is **Intro to Early Childhood** ECE 101

Course Description: This course provides an introduction to Early Childhood Education. It includes the eight key areas of professional knowledge: child growth and development; health; nutrition and safety; developmentally appropriate practices; guidance; family and community relationships; diversity; professionalism; administration and supervision. It focuses on age's birth through age eight.

Techniques class is below -

Course Description: Focuses on a classroom seminar and placement in a child care setting. The supervised placement provides the student with the opportunity to observe children, to practice appropriate interactions, and to develop effective guidance and management techniques. Addresses ages birth through age 8.