

2024-2025



VISTA MURRIETA HIGH SCHOOL

COURSE CATALOG



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MISSION STATEMENT

The mission of Vista Murrieta High School is to establish and maintain an educational community which develops students into life-long learners who demonstrate strong **Character, Leadership** in daily actions, a positive **Attitude**, achievement in rigorous **Scholarship**, and consistent **Service** to others.

C.L.A.S.S.

What does it mean to be a Vista Murrieta High School Bronco? It starts with the way we do business every day, in every classroom, in every school activity and the way we interact with each other - doing everything with "**CLASS**".

Character

C = Character by...

- Treating Others with respect and compassion
- Acting with personal and academic integrity
- Taking ownership of their learning
- Following school behavioral expectations
- Pursuing victory with honor

Leadership

L = Leadership by...

- Modeling positive behavior
- Contributing to a clean and orderly school environment
- Engaging in cooperative learning experiences
- Participating in extracurricular opportunities

Attitude

A = Attitude by...

- Displaying motivation for their learning
- Accepting rigorous challenges
- Contributing to a positive school culture
- Engaging in classroom activities
- Embracing the culture of continuing education

Scholarship

S = Scholarship by...

- Utilizing effective work habits
- Pursuing a high level of achievement
- Taking personal responsibility for academic performance
- Engaging in higher-level thinking skills
- Using technology to enhance their learning

Service

S = Service by...

- Contributing to the well-being of their community
- Assisting others in daily interactions
- Completing a four-year service plan
- Participating in a variety of community



EQUITY IN EDUCATION

Vista Murrieta High School believes the diversity that exists among the district's community of students, staff, parents/guardians, and community members is integral to the district's vision, mission, and goals. Addressing the needs of the most marginalized learners requires recognition of the inherent value of diversity and acknowledgment that educational excellence requires a commitment to equity in the opportunities provided to students and the resulting outcomes.

In order to eradicate institutional bias of any kind, including implicit or unintentional biases and prejudices that affect student achievement, and to eliminate disparities in educational outcomes for students from historically underserved and underrepresented populations, VMHS will proactively identify class and cultural biases as well as practices, policies, and institutional barriers that negatively influence student learning, perpetuate achievement gaps, and impede equal access to opportunities for all students.

Our commitments include, but are not limited to:

- Enabling and encouraging students to enroll in, participate in, and successfully complete curricular and extracurricular courses, advanced college preparation programs, and other student activities.
- Building a positive school climate that promotes student engagement, safety, as well as academic and other supports for students.
- Utilizing curriculum and instructional materials that accurately reflect the diversity among student groups. Providing staff with ongoing, researched-based, professional learning and professional development on culturally responsive instructional practices.

Conducting program evaluations that focus on equity and address the academic outcomes and performance of all students on all indicators.

For the complete Board Policy on Equity, please refer to the Murrieta Valley Unified School District Website:

BP 04515(a) EQUITY

For any concerns or questions regarding discrimination, Equity, or Title IX, please contact:

Dale Velk

Director, Student Support Services

Murrieta Valley Unified School District

dvelk@murrieta.k12.ca.us

For any allegations under Section 504 of the Rehabilitation Act of 1973, please contact:

Howard Dimler

Executive Director, Student Support Services

Murrieta Valley Unified School District

hdimler@murrieta.k12.ca.us

UNIFORM COMPLAINT PROCEDURE

When a student, parent/guardian, or community member has a complaint alleging that a specification, policy, procedure, or practice is discriminatory or wishes to file a formal complaint in another area of concern, the district and VMHS follow the uniform complaint code. Complaints are made in writing and submitted to the district office. All parties involved in the complaint shall be notified of the complaint. The usual procedure includes a meeting/hearing and notification of the decision is made to all. The complainant is also notified of his/her right to appeal the decision at the next level. Contact the Director of Student Support Services at 951-696-1600.



COURSE F•A•Q•S

SCHEDULE CHANGE POLICY: To support academic success, our goal is to have all students in appropriate classes as quickly as possible.

Schedule change will only be considered for the following criteria:

1. An incomplete schedule
2. Course already completed
3. Scheduled into a duplicate class
4. Prerequisite not met (includes level changes based upon prior academic performance)
5. Movement of Early Release or Late Start period
6. Missing graduation requirement
7. Course level placement issue

Fall semester requests for schedule changes will not be accepted after the 5th day of the semester and must be submitted to the appropriate counselor on the **CLASS CHANGE REQUEST FORM**. Form must have a parent/guardian signature.

Midyear requests for schedule changes will not be accepted after the 5th day of the semester and must be submitted to the appropriate counselor on the **CLASS CHANGE REQUEST FORM**. Form must have a parent/guardian signature.

Important Change in A-G Course Work Schedule Drops or Level Changes:

All students are expected to complete the A-G College and Career Readiness Path at VMHS. If you are experiencing challenges in your coursework and are considering a schedule change, be advised the following steps must be taken to level change or drop an A-G course:

1. Meet with your counselor to:
 - a. Address accurate placement
 - b. Review Academic Indicators for Success
 - c. Review Gradebook Summary in particular class
 - d. Get counselor recommendations for next steps
2. Parent Teacher Conference
3. Possible Interventions: Attend **Broncotrials**, tutoring, math lab, writing lab, intervention, and mentoring
4. Assistant principal approval for course change
5. Completion of A-G opt-out form

REQUEST FOR TEACHER CHANGE: At VMHS, we believe it is in the best interest of the student to work through any difficulties that may arise in the teacher-student relationship. We realize that the rigor of high school coursework places additional demands upon our students and that they may become frustrated or despondent regarding their classroom performance. When these situations present themselves, students and parents must schedule a meeting with the teacher of the class in question and counselor (if needed). If the problem has not been satisfactorily addressed after meeting with the teacher, please contact the appropriate counselor or Assistant Principal.

WITHDRAWAL FROM CLASS: A student who drops a course during the first six weeks of the semester may do so without any entry on his/her permanent record. The student must continue to be enrolled in required courses for graduation and the required number of instructional minutes per day. **A student who drops a course after the first six weeks of the semester shall receive a W/F grade on his/her permanent record, unless otherwise decided by the principal or designee because of extenuating circumstances.**

Grading System: Most courses at VMHS are taught on a semester basis and are worth five credits per class, per semester. Grades are computed on a four-point scale where:

A = 4 pts. B = 3 pts. C = 2 pts. D = 1 pt. F = 0 pts.

The Advanced Placement use five-point grading scale where:

A = 5 pts. B = 4 pts. C = 3 pts. D = 1 pt. F = 0 pts.

Dual Enrollment: Please refer to the Dual Enrollment handbook available on the VMHS website at www.vmhs.net.

Six-week, twelve-week, and semester grades are available on the student and parent Aeries Portal approximately one week after grades are submitted. Refer to the ABC Bell Schedule in the handbook for grading periods. Students without computer access can request a printed grade report in the East or West Hall Counseling offices. Weekly and daily progress report forms are available for students in the East and West Hall Counseling offices.

VMHS Graduation Requirements *with grade D or higher		<u>Minimum Eligibility Requirements</u> for Freshman University Admissions (must complete all courses with grade C or higher)	
		California State University www.calstate.edu	University of California www.universityofcalifornia.edu
World History	1 year 10 credits	2 years U.S. History/World History/Government	2 years U.S. History/World History/Government
U.S. History	1 year 10 credits	2 years U.S. History/World History/Government	2 years U.S. History/World History/Government
Government/ Economics	1 year 10 credits	2 years U.S. History/World History/Government	2 years U.S. History/World History/Government
English	4 years 40 credits	4 years	4 years
Mathematics	3 years 30 credits	3 years including: Math I, Math II, and Math III	3 years including Math I, Math II, and Math III 4 years math recommended
Science	3 years 30 credits	1 year of lab science (including: Biology and Chemistry or Physics) and 1 year of lab or non-lab science	2 years of lab science including: Biology and Chemistry or Physics 3 years recommended Biology, Chemistry, and Physics
World Language	1 year 10 credits	2 years of same language other than English	2 years of same language other than English 3 years recommended
Visual/ Performing Arts	1 year 10 credits	1 year of same UC/CSU approved Visual/Performing Art* (must be completed in same academic year) *refer to UC/CSU A-G list	1 year of same UC/CSU approved Visual/Performing Art* (must be completed in same academic year) *refer to UC/CSU A-G list
Health Computers/ Careers	1 semester 1 semester 10 credits		
Electives	50 credits	1 year UC/CSU approved Elective or can be any A-F course above minimum requirement	1 year UC/CSU approved Elective
Physical Education	2 years 20 credits		
TOTAL	230 Credits		

UNIVERSITY OF CALIFORNIA/CALIFORNIA STATE UNIVERSITY
VMHS APPROVED PREPARATORY CLASSES

The University of California and the California State University systems have established specific course requirements as part of the admissions criteria. To satisfy these requirements, you must complete a minimum of 15 year-long high school courses, which are also known as the “A-G” subjects. At least seven of the 15 year-long courses must be taken in your last two years of high school. The courses you take to fulfill the Subject Requirement must be certified by the University of California/California State University systems as meeting the requirement and must be included on your school’s UC-certified course list. The following courses meet the A-G requirements for admission to the University of California and California State Systems.

(A) HISTORY/SOCIAL SCIENCE

Modern World History
(AP) World History
(AP) Human Geography
US History
(AP) US History
**MSJC Dual Enrollment US History to 1877
**MSJC Dual Enrollment US History since 1865
US Government
(AP) Government/Politics
**MSJC Dual Enrollment Political Science

(B) ENGLISH

English I
Advanced English I
English II
Advanced English II
English III Themes in American Literature
Expository Reading and Writing-American Literature (11)
English IV
CSU Exposition (12)
(AP) English Language and Composition
(AP) English Literature and Composition
**MSJC Dual Enrollment Freshman Composition 101
**MSJC Dual Enrollment Critical Thinking & Writing 103

(C) MATHEMATICS May be used only for the 'C' requirement

Math I
Advanced Math I
Math II
Advanced Math II
Math III
Advanced Math III
MRWC-Mathematical Reasoning w/Connections
Calculus
(AP) Precalculus
(AP) Calculus AB
(AP) Calculus BC
**MSJC Dual Enrollment Pre-Calculus 110
Probability and Statistics
(AP) Statistics
Advanced Algebra with Financial Applications
**MSJC Dual Enrollment College Algebra 105

(D) LABORATORY SCIENCE

CP Biology
Chemistry
Accelerated Chemistry
(AP) Chemistry
Anatomy and Physiology
Advanced Biomedical Science
Physics
(AP) Physics
Principles of Engineering
(AP) Biology
**MSJC Dual Enrollment Heredity & Evolution
(AP) Environmental Science
(AP) Computer Science Principles

E) WORLD LANGUAGE

Spanish I, II, III, IV
Spanish for Spanish Speakers I (Year 1)
Spanish for Spanish Speakers II (Year 2)
(AP) Spanish Language
(AP) Spanish Literature
American Sign Language I, II, III, IV
French I, II, III, IV

(F) VISUAL AND PERFORMING ARTS Must complete 1 full year of the same visual/performing art course:

Advanced Marching/Concert Band
Advanced Jazz Band
Choir I - Concert Choir
Choir II - Treble Ensemble
Choir III - Chamber Choir
Jazz Choir
Wind Ensemble
Drama I, II, III, IV
Technical Theater
Art I and Design
Advanced Drawing and Painting (Art II)
Studio Art (Art III)
Yearbook Design
Ceramics I & II
Beginning Guitar
Graphic Design I, II, III
Intro to Design (Engineering)
Audio Technology
Digital Film Production I, II
Photography I & II
Dance I & II
Advanced Dance Choreography/Production

(G) ELECTIVE COURSES All courses listed under A-F with the exception of notated *Mathematics, *Science, *World Language or Visual/Performing Arts courses, plus the following courses:

AVID 9-12
Cinema as Literature
Creative Writing
Exploring the Criminal Justice System
Marine Biology
Intro to Design/Engineering
Ethnic Studies
Child Development
Psychology
(AP) Psychology
**MSJC Dual Enrollment Introduction to Psychology
AP Macroeconomics
AP Microeconomics
Digital Film Production II (BNN)
Digital Film Production III
Yearbook
Economics
Digital Electronics
RCOE Audio Technology II
Student Leadership
Earth Science
Environmental Science

SPECIALTY COURSES

ARE YOU LOOKING FOR SOMETHING
TO CHANGE YOUR LIFE?

If you want to get involved in a campus activity that will make a difference, check out these courses!

AIR FORCE JUNIOR RESERVE OFFICER TRAINING CORPS (AFJROTC)

The AFJROTC program provides citizenship training and aerospace science and leadership education programs for grades 9-12. The course curriculum is based on the integration of five themes: aviation history, the physics of flight, space, careers, and leadership. Students receive physical education credit for two years and elective credit for two years for successful completion. There is no military obligation whatsoever for students enrolling in AFJROTC however, many college scholarships/academy opportunities exist for interested students. *See Colonel Harrison in AF16 for more information.*

AVID

AVID (Advancement Via Individual Determination) is a year-long program designed to increase school-wide learning and performance. As an elective course, AVID prepares students for entrance into four-year colleges by following a curriculum based on analytical writing, note-taking, organizational skills, study skills, college and career research, and test-taking strategies. Selection into the elective course consists of meeting program guidelines, completing the application process, and participating in a formal interview. *See Mrs. Bechtold in W215 or Mrs. Pew in W217 for more information.*

AVID TUTOR/ACADEMIC TUTOR

AVID (Advancement Via Individual Determination) is a year-long program designed to increase school-wide learning and performance. As an elective course, AVID prepares students for entrance into four-year colleges by following a curriculum based on analytical writing, note-taking, organizational skills, study skills, college and career research, and test-taking strategies. Selection into the elective course consists of meeting program guidelines, completing the application process, and participating in a formal interview. *See Mrs. Bechtold in W215 or Mrs. Pew in W217 for more information.*

BBC

BBC (Bronco Bleacher Creatures) is a school-wide, student-driven program designed to maximize student participation and increase a positive school culture, climate, and school spirit. Through leadership training, students will learn public speaking skills as well as interpersonal and presentation skills as they relate to dealing with the school and community. Students will also engage in community service, in addition to business, marketing, communications, and financial and accounting practices. Through BBC activities students will support, recognize, and promote all athletics, arts, and student performances. *See Ms. Terrazas in EE22 or Mr. Rucker in W120 for more information. Interview required.*

SPECIALTY COURSES (continued)

BNA

BNA (Bronco Nation Association) leadership program will promote a sense of unity, togetherness, and shared identity among individuals attending Vista Murrieta High School. Students will engage in skilled leadership lessons, activities, and events that support student achievement, promote unity through diversity, develop a climate of belonging on campus, and create partnerships with the community at large. Students will be inspired and inspire others to think, to learn, to achieve, and to care with C.L.A.S.S. *See Mrs. Thomas-Kelley in EE12 for more information. Interview required.*

LEADERSHIP & SENATE

These courses are designed for students to learn about government, parliamentary procedure, service, and public relations in laboratory and practical school situations. Leadership students learn written and public speaking skills as well as conflict resolution and interpersonal skills. Emphasis is put on government and school procedures, elections, and running effective meetings. Students will learn service-learning skills such as presentation skills, community service, and citizenship in addition to business marketing, communications, and financial and accounting practices. While students meet in the classroom setting, the majority of practical learning situations are held outside the class and outside the regular school day. Students are required to maintain a 2.5 GPA while part of this program. *See Mrs. Kush in P117 for more information. Interview required.*

LINK CREW

Link Crew is the freshmen leadership transition program. Junior and senior leaders are chosen to act as mentors for the freshmen class. Link Crew leaders are responsible for connecting freshmen to make their transition to high school truly successful and comfortable. Each leader is linked to approximately 10 freshmen for the entire year. The leaders are responsible for fulfilling their leader-initiated contacts. These contacts include monthly luncheons, phone calls, letters/congratulations, and face-to-face interactions. The other significant aspect is planning social events for just the freshmen class. Events include orientation, freshmen rally, luncheons, movie nights, and final review sessions. Students must have a 2.5 GPA to be part of Link Crew. Students must complete the application and interview process in order to be offered a position in Link Crew. *See Mrs. Parsons in M114 for more information.*

YEARBOOK

Want to be part of the group that takes the photographs, writes the text, designs, creates the layouts, and chooses the pictures that are placed in the yearbook? Then you need to sign up for the yearbook class and join the yearbook staff! Looking for a leadership position or a way to get involved? Get involved with everything that happens on campus by being a yearbook staff editor or photographer! *See Mr. Bowen in E118 for more information. Interview required.*

Get the signature(s) needed on your Course Selection Form and turn it in to your counselor during pullouts.

VMHS CTE PATHWAYS

Prepare your future by exploring careers and
Acquire job specific skills through
Technical training
Hands-on learning and participation in
Work-based learning activities. While obtaining
Advanced technical training and industry certification,
You can also receive college credit while in high school.
Saving you time and money.

WHY CAREER AND TECHNICAL EDUCATION (CTE)?

CTE gives high school students the chance to get a head start on preparing for college and careers. In CTE programs, students learn how core school subjects like math, science, and language arts are applied in real life. CTE students can participate in hands-on training and gain real-world experience through job shadows and internships. Many programs offer the opportunity to earn nationally recognized certifications and/or college credit which can be used to get a job that will help pay for college or start a career straight out of high school. Career and Technical Education provides instruction in the technical skills and academic knowledge needed to prepare for life after high school such as a future employment and/or a successful transition to post-secondary education.

FOR CAREER READINESS...

All students of MVUSD are expected to either be UC-approved, A-G compliant (meeting minimum eligibility requirements for university admissions) OR complete a three or four-coursed based on the CTE Pathway.

THE YEAR ONE CLASS...

is a foundational course that gives students a basic understanding of the field they have chosen and prepares them for the more advanced courses they will take in the future.

THE YEAR TWO CLASS...

is a concentrator course that focuses on specific concepts and skills that showcase the technical training requirements of the major field of study.

THE YEAR THREE AND FOUR CLASSES...

are capstone classes that dive into the more advanced training courses that will build on the knowledge and skills gained from the previous courses. Students can earn their status as a three or four year CTE completer from the previous courses while earning industry-specific certification, internships, work-based learning, and other job-shadowing opportunities.

VMHS OFFERS CTE PATHWAYS IN NINE CAREER AREAS

Audio Technology

Digital Film Production

Food, Beverage & Hospitality

Computer Science

Education

Photography

Criminal Justice/Law Enforcement

Digital Film Production

Sports Medicine



VMHS PATHWAYS



ARTS, MEDIA & ENTERTAINMENT

Audio Technology
Photography
Video Production



ENGINEERING & ARCHITECTURE

Engineering



EDUCATION

Education



HEALTH SCIENCE AND MEDICAL TECHNOLOGY

Sports Medicine



HOSPITALITY, TOURISM & RECREATION

Food and Beverage Production



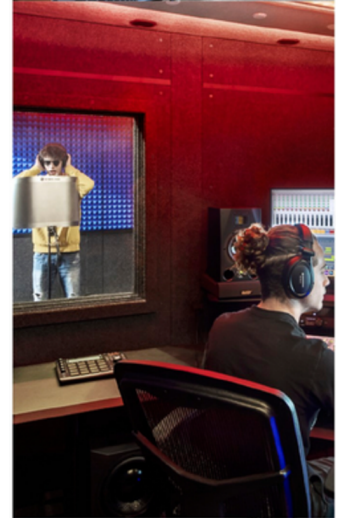
INFORMATION & COMMUNICATION TECHNOLOGIES

Computer Science



PUBLIC SERVICES

Law Enforcement





VMHS PATHWAYS

COURSE TITLES AND SECTION NUMBERS



ARTS, MEDIA & ENTERTAINMENT SECTOR

Audio Technology I - Introductory #7938
Audio Technology II - Concentrator #7947
Audio Technology III - Capstone #7961

Photography I - Introductory #7800
Photography II - Concentrator #7805
Photography III - Capstone #7808

RCOE Digital Film Production I - Introductory #7902
RCOE Digital Film Production II - Concentrator #7969
RCOE Digital Film Production III - Capstone #7762



ENGINEERING & ARCHITECTURE SECTOR

Introduction to Design (Engineering - Introductory #2445
Principles to Engineering - Concentrator #2446
Digital Electronics - Capstone #2448
Engineering Design & Development - Capstone # 2447



EDUCATION

Foundation in Education I - Introductory #7500
Foundation in Education II - Concentrator #TBD
Foundation in Education III - Capstone #TBD



HEALTH SCIENCE & MEDICAL TECHNOLOGY SECTOR

RCOE Sports Medicine Fundamentals - Introductory #7921
RCOE Kinesiology - Concentrator #7933
Sports Medicine Clinical Practicum - Capstone #7959



HOSPITALITY, TOURISM & RECREATION

Food & Nutrition - Introductory #5516
Food & Beverage Production - Concentrator #5517
Food Service & Hospitality - Capstone #5518



INFORMATION & COMMUNICATION TECHNOLOGIES SECTOR

AP Computer Science - Introductory #7571
Computer Programming - Concentrator #7574
Computer Science/Cybersecurity - Capstone #7573



PUBLIC SERVICES

Law Enforcement - Introductory #7931
Forensic Science/CSI - Concentrator #7935
Exploring Criminal Justice - Capstone #7960



VMHS PATHWAYS



HOSPITALITY, TOURISM & RECREATION

Food & Nutrition - Introductory #5516

Food & Beverage Production - Concentrator #5517

Food Service & Hospitality - Capstone #5518



PUBLIC SERVICES

Law Enforcement - Introductory #7931

Forensic Science/CSI - Concentrator #7935

Exploring Criminal Justice - Capstone #7960



Vista Murrieta is proud to offer a great selection of Career & Technical Education Pathways. It is the mission of our CTE Program to develop students for high-wage, high-demand, and high-skill jobs. Students have the opportunity to earn college credit and/or industry certification in several of the programs offered.

Prepare your future by exploring careers and
Acquire job specific skills through
Technical training
Hands-on learning and participation in
Work-based learning activities. While obtaining
Advanced technical training and industry certification,
You can also receive college credit while in high school.
Saving you time and money.

All programs of study will offer a complete three-course sequence providing an Introductory Course, a Concentrator Course, and a Capstone Course. See the [CTE section](#) of this course catalog for specific program descriptions and prerequisites or see your counselor to CTE instructional staff for additional information.

Congratulations on taking your first step toward your future careers.

SOCIAL SCIENCE - AREA A

MODERN WORLD HISTORY

Course #1501

Grade Level: 10

Length: Year

Prerequisite: None

This course meets UC/CSU (A) and District graduation requirements for social science credit. Students will demonstrate their understanding, assimilation, and utilization of the historical knowledge, opinions, conclusions, and techniques gained through a range of direct, cooperative, and inquiry approaches. The students will examine major turning points in the shaping of the modern world. Students will be introduced to current world issues and the growing interdependence of people and cultures throughout the world.

ADVANCED PLACEMENT WORLD HISTORY

Course #1503

Grade Level: 10-12

Length: Year

Prerequisite: Approval of Instructor

This course meets UC/CSU (A) and District graduation requirements for social science credit. AP World History focuses on developing students' abilities to think conceptually about world history from approximately 1200 CE to the present. Students will apply historical-critical thinking skills. There are five themes within AP World History: the environment, cultures, state-building, economic systems, and social structures that provide areas of historical inquiry for investigation throughout this course. AP World History encompasses the history of the five geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with a special focus on historical developments and processes that cross multiple regions. Students attempting to receive college credit for Advanced Placement are required to pass the College Board exam with a three or higher which validates coursework. This exam is not a requirement. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

MODERN WORLD HISTORY ESSENTIALS

Course #8152

Grade Level: 10

Length: Year

Year Prerequisite: IEP Team placement

This course meets District graduation requirements for social science credit and is categorized as a Specialized Academic Instruction (SAI) course. During this course, students will demonstrate their understanding, assimilation, and application of the historical knowledge, opinions, conclusions, and techniques gained through a range of directed, cooperative, and inquiry approaches taught through a specialized curriculum. The students will examine major turning points in the shaping of the modern world. Students will be introduced to current world issues and the growing interdependence of people and cultures throughout the world.

ADVANCED PLACEMENT HUMAN GEOGRAPHY

Course #1918

Grade Level: 9-12

Length: Year

Prerequisite: Teacher approval

This course meets UC/CSU (A) and District graduation requirements for social science or elective credit. It also meets the requirement for world history credit. AP Human Geography is a year-long course that focuses on the distribution, processes, and effects of human populations on the Earth. Unit topics that will be covered include population, migration, culture, language, religion, gender, ethnicity, political geography, economic development, industry, agriculture, and urbanization. Students will be able to: interpret maps and analyze geospatial data; understand and explain the implications of associations and networks among phenomena in places; recognize and interpret the relationships among patterns and processes at different scales of analysis; define regions and evaluate the regionalization process; characterize and analyze changing interconnections among places. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.



U.S. HISTORY

Course #1600

Grade Level: 11

Length: Year

Prerequisite: None

This course meets UC/CSU (A) and District graduation requirements for history credit. Students will demonstrate their understanding, assimilation, and utilization of the historical knowledge, opinion, conclusions, and techniques gained through a range of direct, cooperative, and inquiry approaches. The students will examine major turning points in the shaping of twentieth-century America.

ADVANCED PLACEMENT U.S. HISTORY

Course #1601

Grade Level: 11

Length: Year

Prerequisite: Teacher approval

This course meets UC/CSU (A) and District graduation requirements for history credit. Advanced Placement U.S. History is designed to be a survey course of American History. Students will demonstrate their understanding, assimilation, and utilization of the historical knowledge, opinions, conclusions, and techniques gained through a range of direct, cooperative, and inquiry approaches. The students will examine and master major turning points in the shaping of American history from 1608 to the present. A heavy emphasis will be placed on timed essay writing. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

MSJC DUAL ENROLLMENT HISTORY 111: US HISTORY TO 1877 - 3 Units

Course #1505

Grade Level: 11-12

Length: Semester (first course in two-course sequence)

Prerequisite: MSJC matriculation

This course meets UC/CSU (A) and District graduation requirements for social science or elective credit. A survey course that explores political, social, economic, and intellectual developments in the United States from colonization and settlement through the Civil War and Reconstruction. With successful completion, students will receive three (3) units of college credit. The course is UC/CSU transferable, meets Area 4 on IGETC, Area D6 on CSU-GE, and satisfies U.S. History, and American Ideals graduation requirements through the CSU system. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC DUAL ENROLLMENT HISTORY 112: US HISTORY SINCE 1865 - 3 Units

Course #1515

Grade Level: 11-12

Length: Semester (second course in two-course sequence)

Prerequisite: MSJC matriculation

This course meets UC/CSU (A) and District graduation requirements for social science or elective credit. History 112 is a survey course that explores political, social, economic, and intellectual developments in the United States from the end of the Civil War to the current period. With successful completion, students will receive three (3) units of college credit. The course is UC/CSU transferable, meets Area 4 on IGETC, Area D6 on CSU-GE, and satisfies U.S. History, and American Ideals graduation requirements through the CSU system. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

U.S. HISTORY ESSENTIALS

Course #8153

Grade Level: 11

Length: Year

Prerequisite: IEP Team placement

This course meets District graduation requirements for social science credit and is categorized as a Specialized Academic Instruction (SAI) course. During this course, students will demonstrate their understanding, assimilation, and application of the historical knowledge, opinion, conclusions, and techniques gained through a range of directed, cooperative, and inquiry approaches taught through a specialized curriculum. The students will examine major turning points in the shaping of twentieth-century America.

U.S. GOVERNMENT

Course #1700

Grade Level: 12

Length: Semester

Prerequisite: None

This course meets UC/CSU (A) and District graduation requirements for history credit. Students will analyze the historical significance of the U.S. Constitution and how this document continues to be relevant today. The legislative, executive, and judiciary branches of government will be closely examined. The use of primary source documents is an integral part of this course. This course will help prepare students for their many responsibilities as United States Citizens.

ADVANCED PLACEMENT U.S. GOVERNMENT

Course #1701

Grade Level: 12

Length: Year

Prerequisite: None

This course meets UC/CSU (A) and District graduation requirements for history credit. This course gives an analytical perspective of government and politics in the U.S. and involves the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with various institutions, groups, beliefs, and ideas that constitute the reality of U.S. politics. This course encompasses the study of general concepts used to interpret the key political relationships found in virtually all national politics. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

ECONOMICS

Course #1702

Grade Level: 12

Length: Semester

Prerequisite: None

This course meets UC/CSU (G) and District graduation requirements for elective credit. Students will compare government and economic systems in the world today. Fundamental economic, business, and historical concepts will be blended to assist in the understanding of operations and institutions of economic systems. Basic economic principles of micro/macroeconomics and international economics will be examined. In addition, students develop an understanding of how government and economics affect businesses.

ADVANCED PLACEMENT MACROECONOMICS

Course #1705

Grade Level: 11-12

Length: Year

Prerequisite: A grade of C or higher in Math III

This course meets UC/CSU (G) and District graduation requirements for government/economics credit. This course provides students with a thorough understanding of macroeconomics that applies to economic systems as a whole, emphasizing the study of national income and price determination. This course develops a student's familiarity with economic performance measures, economic growth, and international economics. This is a graph-intensive course and requires a basic understanding of how to read graphs and charts. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

ADVANCED PLACEMENT MICROECONOMICS

Course #1712

Grade Level: 12

Length: Year

Prerequisite: A grade of B or better in Math III

This course meets UC/CSU (G) and District graduation requirements for government/economics credit. The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision-makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. It will cover both microeconomic and macroeconomic theory. This Microeconomics course is a more advanced class than A.P. Macroeconomics, and at the end of the year, students will be able to take both the Micro and Macro AP exams. Students with a strong math background are encouraged to take this class. Also, anyone who has taken A.P. Macroeconomics may take this class. This class will fulfill both the Economics and Government graduation requirements. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

MSJC DUAL ENROLLMENT POLITICAL SCIENCE 101: INTRODUCTION TO AMERICAN GOVERNMENT AND POLITICS - 3 Units

Course #1703

Grade Level: 12

Length: Semester

Prerequisite: MSJC matriculation

This course meets UC/CSU (A) and District graduation requirements for government/economics credit. This course is an introduction to the politics, principles, theories, and practices of the governments of the United States and California. Transfers to both UC/CSU. This course is an introduction to the politics, principles, theories, and practices of the governments of the United States and California. This course will fulfill your high school Gov/Econ requirement. With successful completion, students will receive three (3) units of college credit. This course is UC/CSU transferable; meets Area 4H on IGETC and Area D8 on CSU-GE. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

SOCIAL SCIENCE FOUNDATIONS

Course #8221

Grade Level: 9-12

Length: Year

Prerequisite: IEP Team placement

Students cover social science topics geared at personal interests, life skills, and individual academic, social, and behavioral needs. The curriculum will include Unique Learning Systems and Social Studies course materials as well as supplemental notes, projects, and hands-on activities. Topics covered will include a basic understanding of high school topics as well as prerequisite topics. Class may be repeated for credit.

ENGLISH - AREA B

All English courses are aligned with the California English content standards.

ENGLISH I

Course #1001

Grade Level: 9

Length: Year

Prerequisite: None

This course meets UC/CSU (B) and District graduation requirements for English credit. The objectives of English I are to learn to read fiction and non-fiction to infer, analyze, and demonstrate ideas using citations from a text; write and speak with a command of standard English conventions; acquire and use accurately a range of general academic vocabulary; write informative, argumentative and narrative texts using sources; present information on a variety of subjects using supporting evidence, and read and comprehend literature and informational texts of increasing complexity.

ADVANCED ENGLISH I

Course #1021

Grade Level: 9

Length: Year

Prerequisite: Placement based on assessment results, current English grade, and teacher recommendation

This course meets UC/CSU (B) and District graduation requirements for English credit. In addition to the curriculum supplied in English I, the advanced course helps students focus on independent, in-depth reading of challenging informational text, and challenging classical, multicultural, and contemporary literary works with more emphasis on higher-level thinking skills. Advanced students are expected to read and write extensively, and to work at a more accelerated pace than a nonadvanced course.

ENGLISH I BASIC

Course #8101

Grade Level: 9

Length: Year

Prerequisite: None

This course is designed to provide instruction in basic language skills and integrates reading, writing, speaking, and listening while emphasizing individual student progress. Course content depends on the student's abilities entering the course. Instruction may include vocabulary building, spelling and grammar, writing and composition, reading silently or aloud, and improving listening and comprehension skills.

ENGLISH II

Course #1002

Grade Level: 10

Length: Year

Prerequisite: Successful completion of English I

This course meets UC/CSU (B) and MVUSD graduation requirements for English credit. It provides students, through their experiences in reading, writing, listening, and speaking, with the skills necessary to become informed and responsible citizens, productive and effective members of the workforce, and individuals dedicated to lifelong learning. The class focuses on developing skills in creating composition and analyzing literature. Students will demonstrate reading, writing, speaking, and listening skills using a wide variety of genres (fiction and nonfiction) and activities like Socratic seminars and oral presentations. Students will be introduced to a substantial amount of ongoing writing practice through journals, essays, creative writing, research-based writing, and extensive formal papers. The course is structured around the reading of classical and contemporary works of literature and nonfiction texts. Assessments will include performance-based assessments, conventional assessments (including standardized tests), and published products.

ENGLISH - AREA B (continued)

ADVANCED ENGLISH II

Course #1022

Grade Level:10

Length: Year

Prerequisite: Placement based on assessment results, current English grade, and teacher recommendation

This course meets UC/CSU (B) and District graduation requirements for English credit. In addition to the curriculum supplied in English II, this advanced course helps students focus on independent, in-depth reading of challenging classical, multicultural, and contemporary literary works with more emphasis on higher-level thinking skills. Advanced students are expected to read and write extensively, and to work at a more accelerated pace than a non-advanced course. Additionally, this advanced course prepares students for advanced/accelerated classes in eleventh grade.

ENGLISH II BASIC

Course #8102

Grade Level: 10

Length: Year

Prerequisite: IEP Team placement

This course meets District graduation requirements for English credit. It gives students, through experiences in reading, writing, listening, and speaking, the skills necessary to become informed and responsible citizens, productive members of the workforce, and individuals dedicated to lifelong learning. In conjunction with the philosophy of the READ 180 program, this class focuses not only on developing skills in creating composition and analyzing literature but also offers students who score below proficient on California standardized tests support in reading and writing. Using a technology-based reading inventory assessment students are assigned a level at which their computer lessons and individual novel reading requirements are based. Class activities include silent reading, paragraph and essay composition, whole and small group instruction, and interactive computer reading program work. Furthermore, students will demonstrate skills using a variety of genres (poetry, drama, short stories, novels, and biographies). Students will be introduced to writing practice through dialectical journals, annotations, essays, creative writing, and a mini-research paper. Assessments include performance-based assessments, conventional assessments, and standardized tests. The goal of the course is to raise students' literacy to grade level and prepare them for CP English the following year.

ENGLISH III

Course #1018

Grade Level:11

Length: Year

Prerequisite: Successful completion of English II or Adv. English II

This course meets the UC/CSU (B) and District graduation requirements for English credit. This course is designed to continue literacy and language development and to engage students in reading both literature and informational texts. Readings will include essays, memoirs, letters, speeches, short stories, novels, drama, and poetry from various time periods and cultures, with an emphasis on American literature. The course will focus on the analysis, interpretation, evaluation, composition, and presentation of texts through reading, writing, and speaking and listening techniques. Students will develop skills to write effective narrative, argumentative, and informative/expository compositions. Students will also learn and apply rhetorical analysis. This course includes preparation for college entrance exams. ****Course has mature content.***

EXPOSITORY READING & WRITING AMERICAN LITERATURE (11)

Course #1028

Grade Level:11

Length: Year

Prerequisite: Students must receive a 'B' or better in Sophomore English or be an AVID Participant

This course meets UC/CSU (B) and District graduation requirements for English credit. This course will prepare eleventh-grade students for college-level work by requiring them to read extensively from challenging literature and nonfiction texts across the disciplines and to write analytically and critically about what they have read. Students will develop the skills to produce academic and analytical essays based on expository readings. They will learn the features of the various rhetorical modes: description, illustration, comparison and contrast, analogy, definition, process analysis, argument and persuasion, and causal analysis. They will use rhetorical strategies developed by the CSU system to support their explorations of non-fiction texts. This learning will expand their repertoire for writing. A variety of essays will provide models for the rhetorical modes. Also included in the curriculum are full-length works from classical and contemporary American literature, including *The Crucible*, *Fahrenheit 451*, *The Catcher in the Rye*, *The Great Gatsby*, et al.

ENGLISH - AREA B (continued)

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

Course #1005

Grade Level: 11

Length: Year

Prerequisite: Placement for juniors is determined by the student's previous English course performance

(semester grades of B+ or higher recommended).

Additionally, a summer assignment is due on the first day of class.

This course meets UC/CSU (B) and District graduation requirements for English credit. It is a one-year course consisting of analysis and writing at the collegiate level. The majority of emphasis will be on the four modes of discourse (narration, description, exposition, and argumentation), and the majority of essays will focus on rhetorical analysis, argument, and synthesis.

Approximately 25-28 essays/papers are written throughout the course, all of them focused on a topic or prompt, all of them being graded on the essay's adherence to the topic/prompt, the essay's insightfulness, and the overall coherence and organization of the essay. Although fiction will be read, there is a large emphasis on non-fiction as well, the analysis of both occurring through a social, political (and sometimes economic) lens. Ultimately, the contents of this course will prepare the students for the AP Exam in May. 55% of the AP Exam's grade is derived from three timed essays and 45% of the AP Exam's grade is multiple choice questions. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course. **Summer Assignment MUST be completed.**

ENGLISH III BASIC

Course #8120

Grade Level: 11

Length: Year

Prerequisite: IEP Team placement

This course meets and District graduation requirements for English credit. It gives students, through experiences in reading, writing, listening, and speaking, the skills necessary to become informed and responsible citizens, productive members of the workforce, and individuals dedicated to lifelong learning. Class activities include silent reading, paragraph and essay composition, whole and small group instruction, and interactive computer reading program work. Furthermore, students will demonstrate skills using a variety of genres (poetry, drama, short stories, novels, and biographies). Students will be

introduced to writing practice through dialectical journals, annotations, essays, creative writing, mini research paper. Assessments include performance-based assessments, conventional assessments, and standardized tests. The goal of the course is to raise students' literacy to grade level and prepare them for CP English the following year.

ENGLISH IV

Course # 1020

Grade Level: 12

Length: Year

Prerequisite: Three years of successful high school college preparatory English and/or counselor approval

This course meets UC/CSU (B) and District graduation requirements for English credit. This course is designed to continue literacy and language development and to engage students in reading both fiction and nonfiction texts. Readings will include essays, memoirs, letters, speeches, short stories, novels, drama, and poetry from various time periods and cultures. The course will focus on the analysis, interpretation, evaluation, composition, and presentation of texts through reading, writing and speaking and listening techniques. Students will develop skills to write effective informational/explanatory and argument compositions. Students will also learn and apply rhetorical analysis.

CSU EXPOSITORY WRITING

Course # 1033

Grade Level: 12

Length: Year

Prerequisite: Successful completion of Expository 11, Themes in American Literature, or AP Language and Composition

This course meets UC/CSU (B) and District graduation requirements for English credit. Expository Reading and Writing 12 will prepare twelfth-grade students for college-level work by requiring them to read extensively from challenging essays across the disciplines and to write analytically and critically about what they have read. Students will develop the skills to produce a variety of essays using rhetorical strategies based upon expository readings. They will learn the features of the various rhetorical modes: narration, description, illustration, comparison and contrast, definition, process analysis, argument and persuasion, and causal analysis. Also included in the curriculum may be (but not limited to) full-length works from classical and contemporary literature, such as *Hamlet*, *Into the Wild*, *1984*, *Frankenstein*, and *Candide*. At the completion of this year-long senior class students should be prepared to meet the intellectual demands of the university.

ENGLISH - AREA B (continued)

ADVANCED PLACEMENT LITERATURE & COMPOSITION

Course #1008

Grade Level: 12

Length: Year

Prerequisite: Placement determined by the student's previous English course performance (semester grades of B+ or higher are strongly recommended)

This course meets UC/CSU (B) and District graduation requirements for English credit. It is a one-year course consisting of literary analysis and writing at the collegiate level. **There is NO summer assignment.** It is a one-year course for seniors who have demonstrated excellent academic competence in previous English courses. This course is an intensive study of various fictional genres, focusing on reading poetry, prose, and plays, and on demonstrating literary analysis through composition. Students will interact with literature by using collaborative techniques, visual and written interpretations, and sustained discussion groups. Students will also study works individually, analyzing diction, syntax, characters, themes, and the author's purpose. Students will consider the structure, meaning, and value of the work and its relationship to the times in which it was written as well as the relationship to contemporary times. Students who do not take the AP Exam will be ineligible to earn college credit for the course. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course. **There is NO summer assignment.**

MSJC DUAL ENROLLMENT

ENGL 101: FRESHMAN COMPOSITION - 4 units

Course #1080

Grade Level: 12

Length: Semester

Prerequisite: MSJC matriculation. 2.6 GPA (3.0 GPA recommended)

This course meets UC/CSU (B) and District graduation requirements for English credit. This course provides instruction in writing academic analytic essays. Students will learn to interpret and respond to sources analytically, conduct academic-level research, and incorporate those sources into research papers. With successful completion, students will receive four (4) units of college credit. This course is UC/CSU transferable; meets Area 1A on IGETC and Area A2 on

CSU-GE. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC DUAL ENROLLMENT

ENGL 103: CRITICAL THINKING & WRITING - 3 units

Course #1081

Grade Level: 12

Length: Semester

Prerequisite: MSJC matriculation. ENGL-101 with a grade of C or better or AP English Language exam score of three or higher

This course meets UC/CSU (B) and District graduation requirements for English credit. Students will receive three (3) units of college credit through continuing practice in analytical writing begun in English 101. This course develops critical thinking, reading, and writing skills as they apply to the analysis of written texts (literature and/or nonfiction) from diverse cultural sources and perspectives. The techniques and principles of effective written arguments as they apply to the written text will be emphasized. Some research is required. This course is not intended for Biology majors. This course is UC/CSU transferable; meets Area 5B on IGETC and Area B2 on CSU-GE. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

ENGLISH IV BASIC

Course# 8121

Grade Level: 12

Length: Year

Prerequisite: IEP Team placement

Designed to support students with learning disabilities, this class will utilize the core curriculum for twelfth-grade English Literature and supplementary materials including reading, writing, and analyzing of short stories, novels, and poetry. Students will continue to work on written expression in the form of multi-paragraph papers and writing as a process, including research.

ENGLISH - AREA B (continued)

ENGLISH ESSENTIALS

English 9 Essentials Course #8150

English 10 Essentials Course # 8171

English 11 Essentials Course # 8172

English 12 Essentials Course # 8173

Grade Level: 9-12

Prerequisite: IEP Team placement

This course gives students experiences in reading, writing, listening, and speaking to build the skills necessary to become informed and responsible citizens, productive members of the workforce, and individuals dedicated to lifelong learning. In conjunction with the philosophy of the READ 180 program, this class focuses not only on developing skills in creating composition and analyzing literature but also offers students who score below proficient on California standardized tests support in reading and writing. Using a technology-based reading inventory assessment students are assigned a level at which their computer lessons and individual novel reading requirements are based. Class activities include silent reading, paragraph, and essay composition, whole and small group instruction, and interactive computer reading program work.

Furthermore, students will demonstrate skills using a variety of genres (poetry, drama, short stories, novels, and biographies). Students will be introduced to writing practice through dialectical journals, annotations, essays, creative writing, and a mini-research paper.

Assessments include performance-based assessments, conventional assessments, and standardized tests. The goal of the course is to raise students' literacy to grade level and prepare them for CP English the following year.

ENGLISH FOUNDATIONS

Course #8231

Grade Level: 9-12

Length: Year

Prerequisite: IEP Team placement

In this course, we will use the lessons from Unique Learning Systems (ULS) on n2y.com. With meaningful, age-respectful, and developmentally appropriate lessons, ULS helps students develop a love of reading, covering all the vital pillars of reading instruction, and the production and distribution of writing. Lessons provide consistent access to state ELA extended standards in various modified formats.

MATH - AREA C

All Mathematics courses are aligned with the California Mathematics Common Core Standards

MATH I

Course #2212

Grade Level: 9-10

Length: Year

Prerequisite: By placement (C or better in Math 8, teacher recommendation, and/or District assessment results)

This course meets UC/CSU (C) and District graduation requirements for math credit. The critical areas of this course are relations and functions, linear equations and inequalities, systems of equations and inequalities, polynomial expressions, exponential functions, geometric properties and congruence, and probability and statistics. In addition, students will deepen and extend their understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data. Students routinely use the standards for mathematical practice to make sense of problems, justify solutions and conclusions, model with mathematics, and strategically use technology to analyze and solve real-world problems.

ADVANCED MATH I

Course #2213

Grade Level: 9-10

Length: Year

Prerequisite: By placement (A in Math 8, B or better in Adv. Math 8, teacher recommendation, and/or District assessment results)

This course meets UC/CSU (C) and District graduation requirements for math credit. The critical areas of this course are relations and functions, linear equations and inequalities, systems of equations and inequalities, polynomial expressions, exponential functions, geometric properties and congruence, with an emphasis on geometric proofs. In addition, students will deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data. Students routinely use the standards for mathematical practice to make sense of problems, justify solutions and conclusions, model with mathematics, and strategically use technology to analyze and solve real-world problems. This course, along with Adv. Math II and Adv. Math III, will provide the depth and scope of math instruction that will prepare students for Advanced Placement (AP) math course(s).

TRANSITIONAL MATH

Course #2214

Grade Level: 9

Length: Year

Prerequisite: By Counselor or Admin placement only
Students will be solving equations and inequalities, linear equations, linear functions, systems of linear equations and inequalities, as well as working with exponents. This course is designed to work through the first half of the concepts in the Integrated Math 1 course while also reinforcing foundational skills. Students routinely use the standards for mathematical practice to make sense of problems, justify solutions and conclusions, model with mathematics, and strategically use technology to analyze and solve real-world problems. This course is designed to reinforce foundational skills and preview concepts necessary for success in Math I.

MATH 1A BASIC

Course #8126

Grade Level: 10-11

Length: Year

Prerequisite: Transitional Math, Transitional Math Basic, and/or IEP Team placement

Math 1A Basic is the first half of the Integrated Math 1 course in a specialized academic instruction setting. Students will be solving equations and inequalities, linear equations, linear functions, systems of linear equations and inequalities, as well as working with exponents and exponential functions. This course is designed to work through the first half of the concepts in the Integrated Math 1 course while also reinforcing foundational skills. Extensive use of models (or real-world situations), manipulatives, graphs, and diagrams will help students view how mathematics is a set of related topics as opposed to a set of discrete topics. In addition, students will solve problems graphically, numerically, and algebraically and make verbal connections between these representations. Students routinely use the standards for mathematical practice to make sense of problems, justify solutions and conclusions, model with mathematics, and strategically use technology to analyze and solve real-world problems.

MATH - AREA C (continued)

MATH 1B BASIC

Course #8127

Grade Level: 11-12

Length: Year

Prerequisite: IEP Team placement

Math 1B Basic is open to all diploma-bound students with an IEP, who have passed Math 1A Basic. This course meets/completes the state and district Math I/Algebra I requirements for graduation. The purpose of Math 1B Basic is to continue to develop students' ability to think mathematically and develop their conceptual understanding of mathematics and procedural fluency in mathematics. Math 1B Basic will extend the mathematics students learned in Math 1A Basic and begin the development of concepts in numbers and quantity, algebra, functions, modeling, geometry, and probability and statistics. The critical topics of this course are: relations and functions, linear equations and inequalities, systems of equations and inequalities, arithmetic and geometric sequences, polynomial expressions, exponential functions, geometric properties and congruence, and modeling data. Extensive use of models (or real-world situations), manipulatives, graphs, and diagrams will help students view how mathematics is a set of related topics as opposed to a set of discrete topics. In addition, students will solve problems graphically, numerically, algebraically, and to make verbal connections between these representations. Students routinely use the standards for mathematical practice to make sense of problems, justify solutions and conclusions, model with mathematics, and strategically use technology to analyze and solve real-world problems.

MATH II

Course #2216

Grade Level: 10-11

Length: Year

Prerequisite: By placement (C or better in Math I, teacher recommendation, and/or District assessment results)

This course meets UC/CSU (C) and District graduation requirements for math credit. The purpose of Math II is to develop students' ability to think mathematically and develop their conceptual understanding of mathematics and procedural fluency in mathematics. Math II will extend the mathematics students learned in earlier grades and apply concepts in number and quantity, algebra, functions, modeling, geometry, and probability and statistics. The critical topics of this course are Linear, quadratic, exponential, and trigonometric functions, geometric properties of congruence, similarity, right triangles and trigonometry, circles and volume, probability, and modeling data. Extensive use of models (or real-world situations), manipulatives, graphs and diagrams will help students view how mathematics is a set of related topics as opposed to a set of discrete topics. In addition, students will solve problems graphically, numerically, algebraically, and verbally and make connections between these representations. Students routinely use the standards for mathematical practice to make sense of problems, justify solutions and conclusions, model with mathematics, and strategically use technology to analyze and solve real-world problems.

ADVANCED MATH II

Course #2217

Grade Level: 9-10

Length: Year

Prerequisite: By placement (B or better in Advanced Math I, teacher recommendation, and/or District assessment fluency in mathematics)

This course meets UC/CSU (C) and district graduation requirements for math credit. The purpose of Advanced Math II is to develop students' ability to think mathematically and develop their conceptual understanding of mathematics and procedural.

MATH - AREA C (continued)

MSJC DUAL ENROLLMENT

MATH 105: COLLEGE ALGEBRA - 4 units

Course #2465

Grade Level: 10-12*

Length: Semester

Prerequisite: MSJC matriculation. 10th grade: completion of Advanced Math II with a grade of A and teacher recommendation. 11th grade: Completion of Math III or Advanced Math III with a grade of C or better.

This course meets UC/CSU (C) and District graduation requirements for math credit. This course covers graphing of polynomial, rational, and transcendental functions, and conic sections; solving of polynomial, rational, exponential, and logarithmic equations, and related applications; solving of systems of linear equations utilizing determinants, function theory including notation, combination, and composition as well as existence and formulation of inverses, sequences and the Binomial Theorem. With successful completion, students will receive four (4) units of college credit. This course is UC/CSU transferable; meets Area 2A on IGETC and Area B4 on CSU-GE. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

**Space permitting, tenth-grade students may apply if they are completing Algebra II or above and assess in Math 105.*

MATH III

Course #2218

Grade Level: 10-12

Length: Year

Prerequisite: By placement

(C or better in Math II, teacher recommendation and/or district assessment results)

This course meets UC/CSU (C) and District graduation requirements for math credit. The purpose of Math III is to develop students' ability to think mathematically and develop their conceptual understanding of mathematics and procedural fluency in mathematics. Math III will extend the mathematics students learned in earlier grades and apply concepts in number and quantity, algebra, functions, modeling, geometry, probability and statistics. The critical topics of this course are inverse functions, logarithmic, polynomial, rational and radical functions, modeling with Geometry and Functions, Trigonometric Functions, Statistics. Extensive use of models (or real-world situations), manipulatives, graphs,

and diagrams will help students view how mathematics is a set of related topics as opposed to a set of discrete topics. In addition, students will solve problems graphically, numerically, algebraically, and verbally and make connections between these representations. Students routinely use the standards for mathematical practice to make sense of problems, justify solutions and conclusions, model with mathematics, and strategically use technology to analyze and solve real-world problems.

ADVANCED MATH III

Course #2219

Grade Level: 10-12

Length: Year

Prerequisite: By placement

(B or better in Advanced Math II, teacher recommendation and/or district assessment results)

This course meets UC/CSU (C) and District graduation requirements for math credit. The purpose of Advanced Math III is to develop students' ability to think mathematically and develop their conceptual understanding of mathematics and procedural fluency in mathematics. This course, along with Advanced Math I and Advanced Math II, will provide the depth and scope of math instruction that will prepare students to take an Advanced Placement (AP) math class. Advanced Math III will extend the mathematics students earned in earlier grades and apply concepts in number and quantity, algebra, functions, modeling, geometry, probability and statistics, as well as complex numbers and trigonometric functions. The critical topics of this course are inverse functions, logarithmic, polynomial, rational and radical functions, modeling with geometry and functions, trigonometric functions, statistics, and complex numbers and trigonometric functions (pre-calculus standards). Extensive use of models (or real-world situations), manipulatives, graphs, and diagrams will help students view how mathematics is a set of related topics as opposed to a set of discrete topics. In addition, students will solve problems graphically, numerically, algebraically, verbally, and make connections between these representations. Students routinely use the standards for mathematical practice to make sense of problems, justify solutions and conclusions, model with mathematics, and strategically use technology to analyze and solve real-world problems.

MATH - AREA C (continued)

MATHEMATICAL REASONING WITH CONNECTIONS

(MRWC) MATH IV

Course #2355

Grade Level: 12

Length: Year

Prerequisite: Grade of C or better in Math III or Advanced Math III or must score 2 or higher on CAASPP with a grade of C or better in Math III

This course meets UC/CSU (C) and District graduation requirements for math credit. The MRWC is designed as a 4th-year mathematics course following Math I-III that will provide a bridge into multiple college and career options, including STEM, CTE, and non-technical pathways. Students successfully completing MRWC will have acquired content skills and attitudes toward learning that will be expected in entry-level college mathematics.

CALCULUS

Course #2390

Grade Level: 11-12

Length: Year

Prerequisite: By placement only

This course meets UC/CSU (C) and District graduation requirements for math credit. This is an introductory course in Calculus. This course includes the study of the limits of functions, analysis of graphs, continuity of functions, derivatives of functions, applications of derivatives, indefinite and definite integrals, techniques of anti-differentiation, the Fundamental Theorem of Calculus, and applications of integrals.

ADVANCED PLACEMENT PRECALCULUS

Course #2352

Grade Level: 11-12

Length: Year

Prerequisite: By placement only

This course meets UC/CSU (C) and District graduation requirements for math credit. This course combines many of the trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus and strengthens their conceptual understanding of problems and mathematical reasoning in solving problems. This course is designed to prepare students for the AP Precalculus exam. This course expands on concepts learned in Math III and introduces new concepts such as polar functions, parametric functions, vectors, and matrices. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

ADVANCED PLACEMENT CALCULUS AB

Course #2400

Grade Level: 11-12

Length: Year

Prerequisite: By placement only

This course meets UC/CSU (C) and District graduation requirements for math credit. This course includes the study of limits, continuity, differentiation, applications of differentiation, integration, and applications of integrations. Definitions and theorems are rigorously explored and used to solve problems that require the use of these concepts. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

ADVANCED PLACEMENT CALCULUS BC

Course #2405

Grade Level: 11-12

Length: Year

Prerequisite: By placement only

This course meets UC/CSU (C) and District graduation requirements for math credit. This course includes the study of the derivative and integral to include analysis of plane curves given in parametric, polar, and vector form; solving differential equations, including separable differential equations, logistic differential equations, and Euler's method; integration by parts and using simple partial fractions; finding the length of a plane curve including curves given parametric form; the concept of series including types of series and convergence tests; Taylor series including polynomial approximation, power series, interval of convergence, and Lagrange error for Taylor polynomials. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

MATH - AREA C (continued)

MSJC DUAL ENROLLMENT

MATH 110: PRE-CALCULUS - 4 units

Course #2466

Grade Level: 10-12

Length: Semester

Prerequisite: MSJC matriculation. MATH 105 grade of C or better

This course meets UC/CSU (C) and District graduation requirements for math credits. This course is designed to prepare students for calculus. The topics covered include a review of selected algebra topics: polynomial, rational, exponential, logarithmic functions, conic sections, and sequences and series. This course also introduces students to new topics in analytic trigonometry: trigonometric functions and their graphs and applications. With successful completion, students will receive four (4) units of college credit. This course is UC/CSU transferable; meets Area 2A on IGETC and Area B4 on CSU-GE. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

PROBABILITY & STATISTICS

Course #2415

Grade Level: 12

Length: Year

Prerequisite: Grade of C or better in Math III or Advanced Math III and/or Teacher Recommendation

This course meets UC/CSU (C) and District graduation requirements for math credit and is an approved UC/CSU fourth-year math course. This course is an introduction to statistics that emphasizes working with data and statistical ideas. Students will learn the usefulness of data analysis and will be able to examine data in order to make formal and informal inferences. This course will emphasize the importance of hands-on experience with data and statistical ideas in order to create a better understanding of the unique world we live in. A statistical calculator or technology apps will be required.

ADVANCED PLACEMENT STATISTICS

Course #2410

*Grade Level: 12**

Length: Year

Prerequisite: Grade of B or better in Math III or Advanced Math III.

This course meets UC/CSU (C) and District graduation requirements for math credit. This course is designed to provide students with an extensive and advanced study of the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The AP Statistics course is built around four main concepts: exploring data, planning a study, probability as it relates to distributions of data, and inferential reasoning. A major research project and preparation for the AP exam is required. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

**Eleventh-grade students enrolling in this course must be concurrently enrolled in Pre-Calculus or higher.*

COLLEGE MATH 90 - ELEMENTARY ALGEBRA

Course #2475

Grade Level: 11-12

Length: Year

Prerequisite: Three years of Math; appropriate assessment score and counselor or teacher recommendation

This course meets District graduation requirements for math credit but is not a CSU/UC-approved math course. This foundational community college course prepares students for Math 96 (Intermediate Algebra) but does not count as a dual enrollment course. This course is designed for students that assessed at the "not college-ready" level in the area of Math. Students will solve linear equations, systems of linear equations, equations involving algebraic fractions, and quadratic equations by factoring and utilizing the Quadratic Formula. These skills will be applied to set up and solve application problems. Other topics include how to graph lines, perform arithmetic with both polynomial and rational expressions, and how to graph lines, perform arithmetic with both polynomial and rational expressions, and how to factor polynomials.

MATH - AREA C (continued)

ADVANCED ALGEBRA WITH FINANCIAL APPLICATIONS

Course #2215

Grade Level: 12

Length: Year

Prerequisite: Completion of Math II with a grade of C or better

This course meets UC/CSU (C) Math III/Algebra III requirement and District graduation requirements for math credit. Advanced Algebra with Financial Applications (AAFA) provides students with mathematical tools to become financially literate and responsible. Students will apply advanced mathematics to analyze and solve real-world problems in investments, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting, and planning for retirement. Field projects, computer spreadsheets, and graphing calculators are key components of this course. The interrelated instructional approach provides students with an analytical understanding of fundamental business and finance issues while providing an engaging context to master the foundational Algebra II concepts. Students routinely use the standards for mathematical practice to make sense of problems, justify solutions and conclusions, model with mathematics, and strategically use technology to analyze and solve real-world problems.

TRANSITIONAL MATH BASIC

Course #8100

Grade Level: 9-10

Length: Year

Prerequisite: IEP Team placement

This course is designed to reinforce foundational skills and concepts necessary for transition and success in Math I. Students study real numbers, expressions and equations, congruency and similarity of figures, functions and linear relationships, the Pythagorean theorem, perimeter, area, and volume of shapes. Students routinely use the standards for mathematical practice to make sense of problems, justify solutions and conclusions, model with mathematics, and strategically use technology to analyze and solve real-world problems.

MATH ESSENTIALS I

Course #8151

Grade 9-10

Length: Year

Prerequisite: IEP Team placement

This course meets District certificate of completion requirements for math credit and is categorized as a Specialized Academic Instruction (SAI) course. During this course, students will demonstrate their understanding of number sense through studying integers, combining like terms, place values, and one-step equations. This course is designed to reinforce foundational skills and concepts necessary to transfer to Transitional Math Basic.

MATH ESSENTIALS II

Course #8122

Grade 11-12

Length: Year

Prerequisite: IEP Team placement

This course meets District certificate of completion requirements for math credit and is categorized as a Specialized Academic Instruction (SAI) course. During this course, students will demonstrate their understanding of practical math applications by studying money, measurement, and other real-life math concepts. This course is designed to reinforce foundational skills and concepts necessary to transfer to the Adult Transition Program.

MATH FOUNDATIONS

Course #8201

Grade Level: 9-12

Length: Year

Prerequisite: IEP Team placement

Using the Unique Learning Systems curriculum students access remedial activities such as math word problems covering the four basic mathematical operations (addition, subtraction, multiplication, and division), time, and money. Students will also have exposure to modified activities on grade-level topics such as geometry and algebra as well as life skills.

SCIENCE - AREA D

All core Science courses are aligned to the California Science Content Standards

COLLEGE PREPARATORY BIOLOGY (CP Biology)

Course #3025

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets UC/CSU (D) laboratory science and District graduation requirements for life science credit. This course is designed to prepare college-bound students for the rigors that they will encounter as they enter college science courses and satisfies the laboratory science requirement for entrance into most colleges. The emphasis of study will be on biological concepts and processes as they apply to various biological systems. Students will gain experience in the use of various scientific instruments, tools, and measuring devices as well as the proper techniques in their use. A minimum of 20% of class time will be spent on laboratory experiences. This course is in compliance with the Next Generation Science Standards and the scope and sequence this entails.

ADVANCED PLACEMENT BIOLOGY

Course #3031

Grade Level: 11-12

Length: Year

Prerequisite: Grade B or better in Biology and Chemistry with teacher or Department Chair approval

This course meets UC/CSU (D) laboratory science and District graduation requirements for science or elective credit. AP Biology is a rigorous course designed to be the equivalent of a college introductory Biology course usually taken by biology majors as college freshman. The aim of the course is to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

BIOLOGY ESSENTIALS

Course: #8156

Grade: 9

Length: Year

Prerequisite: IEP Team placement

This course meets graduation requirements for science credit and is categorized as a Specialized Academic Instruction (SAI) course. During this course, students will demonstrate their understanding of biological concepts and processes as they apply to various biological systems. Students will gain experience in the use of various scientific instruments, tools, and measuring devices as well as the proper techniques in their use.

EARTH SCIENCE

Course #3500

Grade Level: 10-12

Length: Year

Prerequisite: By placement

This course meets District physical science graduation requirements. This course meets UC/CSU (G) requirements for elective credit. This course is designed to allow students to examine the Earth's dynamic geochemical processes as well as exploring Earth's relationship to the solar system and beyond. Students will learn topics such as geology, oceanography, climatology, and astronomy from a dynamic perspective which focuses on the processes that have and continue to shape our Earth. In addition to our broader perspective, students will learn about California's fascinating geologic history.

EARTH SCIENCE ESSENTIALS

Course #8111

Grade Level: 10

Length: Year

Prerequisite: IEP Team placement

This course meets graduation requirements for science credit and is categorized as a Specialized Academic Instruction (SAI) course. During this course, students will demonstrate their understanding of biological concepts and processes as they apply to various biological systems. Students will examine the Earth's dynamic geochemical processes as well as explore Earth's relationship to the solar system and beyond. Students will gain knowledge on topics such as geology, oceanography, climatology, and astronomy from a dynamic perspective which focuses on the processes that have continued to shape our Earth.

SCIENCE - AREA D (continued)

CHEMISTRY

Course #3525

Grade Level: 10-12

Length: Year

Prerequisite: Grade of C or better in CP Biology and concurrent enrollment in Math II

This course meets UC/CSU (D) laboratory science and District graduation requirements for physical science credit. This course deals with the quantitative and qualitative study of elements, atomic structure, compounds, and molecules in the Earth's system. Students will study the basic laws of chemistry, chemical bonds, chemical reactions, chemical equations and stoichiometry, chemical kinetics, and equilibrium. Students will also practice thinking and writing critically while using evidence from data and graphs to support their claims. A minimum of 20% of class time will be spent on laboratory experiences.

ACCELERATED CHEMISTRY

Course #3523

Grade Level: 10-12

Length: Year

Prerequisite: Grade B or better in CP Biology and B or better in Math II (or concurrent enrollment in Math II)

This course meets UC/CSU (D) laboratory science and District graduation requirements for physical science credit. Accelerated Chemistry is a fast-paced course with quantitative and qualitative study of atoms, compounds, and molecules. The study of chemistry will consist of chemical reactions, physical changes, stoichiometry, thermochemistry, chemical kinetics, acid-base reactions, and chemical equilibrium. Students will be challenged to think critically, analyze in depth, and solve chemistry problems mathematically. This course will provide a strong foundation for students taking AP Chemistry, AP Biology, AP Physics, and AP Environmental Science in the future. A minimum of 25% of the course will be spent on laboratory experiments.

ADVANCED PLACEMENT CHEMISTRY

Course #3528

Grade Level: 11-12

Length: Year

Prerequisite: Grade B or better in Biology and Chemistry, successful completion of Math III and teacher approval

This course meets UC/CSU (D) physical science laboratory and District graduation requirements for physical science credit. The course covers the quantitative/qualitative study of elements, compounds, and molecules and basic laws of chemistry, chemical bonds, chemical reactions, chemical equations and stoichiometry, chemical kinetics, equilibrium, electrochemistry, and acid-base theories. At least 20% of the course will focus on laboratory activities. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

ENVIRONMENTAL SCIENCE

Course #3100

Grade Level: 11-12

Length: Year Prerequisite: Completion of 1 year Life Science AND 1-year Physical Science, both with Grade C or better and teacher approval

This course meets UC/CSU (G) science elective credit and one year of District graduation requirements for elective credit. In this course, students will gain an understanding of ecological concepts and processes and how they apply to the natural world. They will learn how to identify present-day environmental problems, evaluate the risks associated with these problems, and propose possible solutions to prevent or resolve them. During the course, students will gain practical knowledge in the use of scientific tools and instruments used for measurement and experimentation. A minimum of 20% of class time will be devoted to laboratory or class projects.

SCIENCE - AREA D (continued)

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Course #3103

Grade Level: 10-12

Length: Year

Prerequisite: Completion of Biology and Algebra 1 and a co-current enrollment or completion of Chemistry with grades of B or better

This course meets UC/CSU (D) laboratory science and District graduation requirements for science or elective credit. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the inter-relationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. A minimum of 20% of class time will be devoted to laboratory experiences. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

ENVIRONMENTAL SCIENCE ESSENTIALS

Course #8165

Grade Level: 11

Length: Year

Prerequisite: IEP Team placement

This course meets graduation requirements for science credit and is categorized as a Specialized Academic Instruction (SAI) course. During this course, students will demonstrate their understanding of ecological concepts and processes and how they apply to the natural world. They will learn how to identify present-day environmental problems and evaluate the risks associated with these problems. During the course, students will gain practical knowledge in the use of scientific tools and instruments used for measurement and experimentation.

MARINE BIOLOGY

Course #3010

Grade Level: 11-12

Length: Year

Prerequisite: Completion of one year of Life Science AND one year of Physical Science, both with Grade C or better and teacher approval

This course meets UC/CSU (G) science elective and District graduation requirements for life science credit. This course fulfills the life science requirement for graduation. Marine Biology is a laboratory-based science elective studying our world's oceans and life within them. The first semester of the course focuses on oceanography, the study of the properties and processes that define the ocean realm. The second semester focuses on marine plant and animal life, from the smallest one-cell organisms to the largest mammals on earth. This class is challenging and fun. Approximately 50% of the course will include labs, dissections, simulations, and activities.

ANATOMY & PHYSIOLOGY

Course #3040

Grade Level: 11-12

Length: Year

Prerequisite: Grade C or better in Biology and Chemistry or concurrently enrolled in Chemistry with teacher approval

This course meets UC/CSU (D) laboratory science and District graduation requirements for life science credit. This course is designed to give students an understanding of the structure and function of the systems of the human body and their interrelationships. Students will examine the basic framework of the human body and study the following systems: histology, skeletal, muscular, digestive, cardiovascular, and nervous. A minimum of 40% of class time will be spent on laboratory experiences including dissections.

MSJC college credit (4 units) for Biology 100 is given when students pass the final with a C or higher.

SCIENCE - AREA D (continued)

ADVANCED BIOMEDICAL SCIENCE

Course #3555

Grade Level: 11-12

Length: Year

Prerequisite: Grade C or better in Anatomy and Physiology with teacher or Department Chair approval

This course meets the UC/CSU (D) laboratory science and District graduation requirements for science credit. Advanced Biomedical Science seeks to relate biological sciences including biochemistry, biotechnology, genetics, cellular functions, and microbiology to the specialized health and medical disciplines of epidemiology, oncology, embryology, parasitology, kinesiology, and virology. Advanced Biomedical Science is a comprehensive examination of the interrelationships of biology and the health sciences which give students a contemporary look at these fields by utilizing the most current research and laboratory techniques. Classroom activities will include training in the use of medical equipment, sterilization techniques, comprehensive dissections, diagnostic tests, and laboratory procedures such as bacterial growth. Certain biological and medical topics, equipment, and professions will be presented to students by professional guest lecturers from the medical field. In accordance with UC and CSU requirements, a minimum of 20% of class time will include laboratory experiences.

PHYSICS

Course #3530

Grade Level: 11-12

Length: Year

Prerequisite: Grade C or better in Math II and Chemistry or with teacher approval

This course meets UC/CSU (D) physical science and District graduation requirements for physical science or elective credit. Students study the physics of the universe through the study of mechanics, heat, light, sound, electromagnetism, and waves. This is a challenging course with an emphasis on problem-solving and requires the student to have strong math skills. At least 20% of the course will include laboratory activities that reinforce the concepts that are part of the curriculum.

ADVANCED PLACEMENT PHYSICS

Course #3531

Grade Level: 11-12

Length: Year

Prerequisite: Grade B or better in Chemistry with concurrent enrollment in Math III or higher or teacher approval

This course meets UC/CSU (D) physical science laboratory and District graduation requirements for science credit. Advanced Placement Physics is a rigorous course designed to be the equivalent of a college introductory physics course and is usually taken by non-calculus-based physics majors. The focus is to provide students with a broad conceptual background in Physics and the necessary problem-solving skills to apply those concepts in practical situations. This course is a laboratory-based course with an emphasis on practical hands-on experience. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

MSJC DUAL ENROLLMENT

BIO 134: HUMAN HEREDITY AND EVOLUTION - 3 units

Course #3024

Grade Level: 11-12

Length: Semester

Prerequisite: MSJC matriculation and a B or better in Biology

This course meets UC/CSU (D) and District graduation requirements for science or elective credit. This is an introductory course in basic human genetics and evolution. This course introduces students to central theories of the biological sciences using the chemical and biological aspects of human genetics as its main theme. In addition, students are introduced to the political, philosophical, and ethical implications of human heredity and evolution. This course is not intended for biology majors. With successful completion, students will receive three (3) units of college credit. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

ADVANCED PLACEMENT COMPUTER SCIENCE

PRINCIPLES

Course #7571

Grade Level: 9-12

Length: Year

Prerequisite: Concurrent enrollment or successful completion of Math I/Algebra I and teacher approval

This course meets UC/CSU (D) and District graduation requirements for science credit. AP Computer Science Principles (AP CSP) is the introductory course in the Information & Computer Technology CTE Pathway. This course introduces students to the foundations of modern computing. AP CSP covers a wide range of foundational topics such as programming, algorithms, the internet, big data, digital privacy/security, and societal impacts. This course is unique in that it focuses on fostering student creativity and applying creative processes when developing computational artifacts. Students design and implement innovative solutions using an interactive process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life. AP CSP is designed to be an entry-level class equivalent to a first-semester introductory college computer science course. Students will use computational tools to analyze and study data while working with large data sets to analyze, visualize, and draw conclusions from trends. Students will also develop effective communication and collaboration skills. In addition, students will work individually and in peer groups to discuss and solve problems, write of the importance and impact of technology on their community, society, and the world. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

PRINCIPLES OF ENGINEERING

Course # 2446

Grade Level: 10-11

Length: Year

Prerequisite: Completion of Intro to Design: Engineering with a grade of C or better

This course meets the UC/CSU (D) and District graduation requirements for science credit. This is the second course of the Engineering Pathway sequence. Principles of Engineering is the second course in the Project Lead the Way Engineering sequence. This course exposes students to some of the major concepts in the field of mechanical, electrical, civil, and computer engineering. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, pneumatics, and kinematics. Students develop skills in problem-solving, research, and design while learning strategies for the design process documentation, collaboration, and presentation.

SCIENCE FOUNDATIONS

Course #8211

Grade Level: 9-12

Length: Year

Prerequisite: IEP Team placement

In this course, students have access to modified curriculum covering the high school social science standards topics to include world history, US history, and government and economics topics.

WORLD LANGUAGES - AREA E

SPANISH I

Course #4100

Grade Level: 9-12

Length: Year

Prerequisite: Grade C or better in previous English course

This course meets UC/CSU (E) and District requirements for a language other than English credit. Students will learn to use the language and learn about the culture of Spanish-speaking countries. Introductory-level skills in listening, reading, writing, and speaking will be developed through a variety of instructional activities. Emphasis will be placed on oral communication in the target language on a regular basis in order to enhance student's linguistic abilities.

SPANISH II

Course #4110

Grade Level: 9-12

Length: Year

Prerequisite: Grade C or better in Spanish I

This course meets UC/CSU (E) and District requirements for a language other than English credit. Students will learn to use the language and learn about the culture of Spanish-speaking countries. Intermediate-level skills in listening, reading, writing, and speaking will be developed through a variety of instructional activities. Emphasis will be placed on oral communication in the target language on a regular basis in order to enhance student's linguistic abilities.

SPANISH III

Course #4120

Grade Level: 9-12

Length: Year

Prerequisite: Grade C or better in Spanish II

This course meets UC/CSU (E) and District requirements for a language other than English credit. Students will learn to use the language and learn about the culture of Spanish-speaking countries. Intermediate-level skills in listening, reading, writing, and speaking will be developed through a variety of instructional activities. Emphasis will be placed on regular oral communication in the target language in order to enhance student's linguistic abilities.

SPANISH IV

Course #4125

Grade Level: 11-12

Length: Year

Prerequisite: Completion of Spanish III or Spanish for Spanish Speakers II with a grade of B or better and teacher approval.

This course meets UC/CSU (E) and District requirements for a language other than English credit. Spanish IV is designed to build upon the skills already acquired and will continue to progress toward a higher level of proficiency through reading, writing, listening, and speaking. This course will expand the students' Spanish language knowledge through the World Language Standards: communication, culture, and connections. Our curriculum is theme-based on families and communities, contemporary life, beauty, and aesthetics, personal and public identities, global challenges, and science and technology. Our focus is to provide a path for students to become multilingual and multicultural citizens. This course of study will prepare students to earn their State Seal of Biliteracy.

SPANISH FOR SPANISH SPEAKERS I

Course #4150

Grade Level: 9-12

Length: Year

Prerequisite: Teacher placement based on assessment

This course meets UC/CSU (E) and District requirements for a language other than English credit. Students further develop their Spanish language abilities and knowledge of the Hispanic culture. Intermediate-level skills in listening, reading, writing, and speaking will be developed through a variety of instructional activities. Emphasis will be placed on regular oral communication in the target language in order to enhance student's linguistic abilities. The amount of instructional time spent in Spanish and student use of the target language will begin at 75% and increase to 100% by the end of the year.

SPANISH FOR SPANISH SPEAKERS II

Course #4160

Grade Level: 9-12

Length: Year

Prerequisite: Grade C or better in Spanish for Spanish Speakers I or teacher placement based on assessment

This course meets UC/CSU (E) and District requirements for a language other than English credit and is designed to further develop Spanish-speaking student's cognitive academic language proficiency through a literacy-based approach. Simple and complex grammatical structures, reading, and writing through Spanish literature are emphasized. It prepares students to transition into Spanish IV or Advanced Placement Spanish Language.

ADVANCED PLACEMENT SPANISH LANGUAGE

Course #4130

Grade Level: 10-12

Length: Year

Prerequisite: Grade B or better in Spanish III, IV or

Spanish for Spanish Speakers II, teacher approval

This course meets UC/CSU (E) and District graduation requirements for a language other than English credit.

The Advanced Placement Spanish language course seeks to develop language skills – listening, speaking, reading, and writing - that apply to many subject areas rather than any single subject matter. The AP course includes the study of the Spanish-speaking countries, people, and culture, inherent in the study of any language.

Furthermore, the course will include a systematic review of the basic points of grammar and verb conjugations with emphasis on areas where Spanish and English conflict. The finer grammatical points that contribute to an increased ability to write and speak correctly, with minimal interference from the English language will also be addressed. Students can expect to spend an additional 4-5 hours per week outside of class on homework, review, research and/or practice. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

ADVANCED PLACEMENT SPANISH LITERATURE

Course #4133

Grade Level: 11-12

Length: Year

Prerequisite: Grade B in Spanish IV or Grade C or better in AP Spanish Language, teacher approval

This course meets UC/CSU (E) and District graduation requirements for a language other than English credit.

This course prepares students to develop proficiency by analyzing and interpreting literary texts in Spanish. AP Spanish Literature places an emphasis on reading literature, thematic poetry, and text analysis. It also emphasizes the composition of Spanish essays on a variety of literary topics requiring critical thinking, comparisons, and contrasts. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

FRENCH I

Course #4200

Grade Level: 9-12

Length: Year Prerequisite: Grade C or better in previous English course

This course meets UC/CSU (E) and District graduation requirements for a language other than English credit. Students will learn about the language and culture of the French-speaking world. Introductory-level skills in listening, reading, writing, and speaking will be developed through a variety of instructional activities. Emphasis will be placed on oral communication in the target language on a regular basis in order to enhance student's linguistic abilities.

FRENCH II

Course #4210

Grade Level: 10-12

Length: Year

Prerequisite: Grade C or better in French I recommended

This course meets UC/CSU (E) and District graduation requirements for a language other than English credit. Students will learn about the language and culture of the French-speaking world. Intermediate-level skills in listening, reading, writing, and speaking will be developed through a variety of instructional activities. Emphasis will be placed on regular oral communication in the target language in order to enhance student's linguistic abilities.

FRENCH III

Course #4220

Grade Level: 11- 12

Length: Year

Prerequisite: Grade C or better in French II recommended

This course meets UC/CSU (E) and District graduation requirements for a language other than English credit. Students will learn about the language and culture of the French-speaking world. Advanced intermediate-level skills in listening, reading, writing, and speaking will be developed through a variety of instructional activities. Emphasis will be placed on regular oral communication in the target language in order to enhance student's linguistic abilities.

FRENCH IV

Course #4225

Grade Level: 11- 12

Length: Year

Prerequisite: Grade C or better in French III recommended

This course meets UC/CSU (E) and District graduation requirements for a language other than English credit. Students will further their knowledge of the language and culture of the French-speaking world by engaging in various reading sources and fine-tuning grammar skills. Advanced-level skills in listening, reading, writing, and speaking will be developed through a variety of themes and instructional activities. Emphasis will be placed on regular oral communication in the target language in order to enhance student's linguistic abilities. Eligible students will take the exam for the State Seal of Biliteracy.

AMERICAN SIGN LANGUAGE I

Course #4050

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets UC/CSU (E) and District graduation requirements for a language other than English credit. Students will learn about the language and culture of the Deaf community. Introductory-level receptive and expressive skills will be developed through a variety of instructional activities. Emphasis will be placed on expression in the target language on a regular basis in order to enhance student's linguistic abilities.

AMERICAN SIGN LANGUAGE II

Course #4060

Grade Level: 10-12

Length: Year

Prerequisite: Grade C or better in ASL I recommended

This course meets UC/CSU (E) and District graduation requirements for a language other than English credit. Students will learn about the language and culture of the Deaf community. Intermediate-level receptive and expressive skills will be developed through a variety of instructional activities. Emphasis will be placed on expression in the target language on a regular basis in order to enhance student's linguistic abilities.

AMERICAN SIGN LANGUAGE III

Course # 4070

Grade Level: 11-12

Length: Year

Prerequisite: Grade C or better in ASL II recommended MSJC Articulated

This course meets UC/CSU (E) and District graduation requirements for a language other than English credit. Students will learn about the language and culture of the Deaf community. Advanced and intermediate-level receptive and expressive skills will be developed through a variety of instructional activities. Emphasis will be placed on expression in the target language on a regular basis in order to enhance student's linguistic abilities.

AMERICAN SIGN LANGUAGE IV

Course #

Grade Level: 11-12

Length: Year

Prerequisite: Completion of American Sign Language III with a grade of B or better or instructor approval with a grade of C

MSJC Articulated

This course meets UC/CSU (E) and District graduation requirements for a language other than English credit. Students will learn about the language and culture of the Deaf community. Advanced-level receptive and expressive skills will be developed through a variety of instructional activities. Emphasis will be placed on expression in the target language on a regular basis in order to enhance students' linguistic abilities. This course of study will prepare students to earn their State Seal of Bi-literacy.

INTRODUCTION TO WORLD LANGUAGE

Course #4013

Grade Level: 9-12

Length: Year

Prerequisite: IEP Team placement

This course meets district graduation requirements for students with an Individualized Education Plan for their one year of Foreign Language. Emphasis will be placed on introducing fundamental oral communication for Spanish, French, Italian, and Japanese, the cultures of various regions of the world, and the world geography utilizing language.

VISUAL & PERFORMING ARTS - AREA F

ADVANCED CONCERT BAND

Course #7202

Grade Level: 9-12

Length: 2nd Semester

Prerequisite: Instructor Approval

This course meets UC/CSU (F) and District graduation requirements for visual and performing arts credit. Both Advanced Marching Band and Advanced Concert Band must be taken to fulfill the one-year Visual & Performing Arts requirement. Concert Band is open to all qualified wind and percussion players. The course is oriented toward the preparation and performance of high-quality band literature as well as encouraging improvement of music fundamentals and technical playing skills. In addition, this ensemble performs outside the regular school day.

ADVANCED DANCE CHOREOGRAPHY PRODUCTION

Course #7231

Grade Level: 9-12

Length: Year

Prerequisite: Audition only and teacher approval

This course meets UC/CSU (F) and District graduation requirements for the second year of physical education or Visual & Performing Arts credit. This course is designed to provide students with opportunities to explore dance as an art form and includes performance, choreography, competition, and acquired skills.

ADVANCED JAZZ BAND

Course #7210

Grade Level: 10-12

Length: Year

Prerequisite: Audition

This course meets UC/CSU (F) and District graduation requirements for Visual & Performing Arts credit. This course is technically and qualitatively advanced and any student will be required to perform/develop improvisation skills. Performances outside of the regular school day are required as part of the grading policy. *Must be taken concurrently with Advanced Concert Band #7202 or Wind Ensemble #7193 (audition dictates placement).*

ADVANCED MARCHING BAND (8th Period)

Course #7200

Grade Level: 9-12

Length: 1st Semester

Prerequisite: Instructor Approval

Marching Band meets one semester of the second year physical education requirement. This course meets UC/CSU (F) and District approval for graduation requirements when taken along with Advanced Concert Band or Wind Ensemble. Marching Band is open to all qualified wind, percussion, and color guard members. The course is oriented toward preparation and performance of high-quality band literature as well as encouraging improvement of music fundamentals and technical playing skills. In addition, this ensemble meets outside the regular school day and performs at football games and parades. This class will meet after school; scheduled time to be announced.

ART I & DESIGN

Course #6000

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. This is a one-year foundation course introducing students to beginning art concepts, materials, skills, and ideas. They will learn new ways to look at a variety of art forms and create original works of art while exploring a variety of materials and techniques. In addition to skill development, they will learn to include personal experiences, research, and planning in project development and will begin to explore the art of different historical periods and cultures. They are expected to keep a portfolio and notebook of projects and assignments and will participate in aesthetic critiques. Material fees and some supplies are required.

ART II - ADVANCED DRAWING & PAINTING

Course #6030

Grade Level: 10-12

Length: Year

Prerequisite: Grade C or better in Art I & Design, teacher approval

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. This second-year course builds and expands the experiences of Art I and Design. Students will continue to use their drawing and painting skills to create original works of art in a variety of traditional and non-traditional materials and techniques based on demonstrations, lectures, and individual research and planning. Students will begin to explore and develop personal goals and philosophies that are reflected in their portfolios. Students will become familiar with major art movements that add to their understanding of different cultures, artists, and historical periods. Students will continue to apply what they have learned for individual growth and problem-solving, and they will continue to practice time management and meeting deadlines. Writing assignments include artistic research, gallery reports, and art criticisms. A material fee and some supplies will be collected to cover the cost of materials consumed in the production of all projects.

ART III - STUDIO ART

Course #6150

Grade Level: 11-12

Length: Year

Prerequisite: Grade B or better in Art I and Art II (Advanced Drawing & Painting), teacher approval

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. This third-year course offers serious art students a wider range of visual experiences, building and expanding the student's drawing and painting skills creating original works in a wide range of art forms and techniques. Students will continue to apply what they have learned and explore and develop personal style. Portfolio developments, along with written assessments, will focus on and explore individual interests and concentrate on skills and technique mastery. A material fee and some supplies will be collected to cover the costs of materials consumed during the production of projects.

BEGINNING GUITAR

Course: #7000

Grade Level: 10-12

Length: Year

Prerequisite: None. Guitars are provided

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Students will learn multiple styles of guitar techniques. The music fundamentals covered are music notation, meter, and note values, key signatures, and chords. Students will be able to read notation on all strings in the first position, play basic chords, and play basic songs.

BEGINNING JAZZ BAND

Course #7205

Grade Level: 10-12

Length: Year

Prerequisite: Audition

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. This course introduces jazz concepts; including jazz articulation and style, and beginning improvisation techniques. Performances outside of the regular school days are required as part of the grading policy. Must be taken concurrently with Advanced Concert Band #7202 or Wind Ensemble #7193 (audition dictates placement).

CERAMICS I

Course #6060

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. The emphasis of this beginning course is to provide students with knowledge of ceramic techniques with an emphasis on the interpretation of ceramics as an art form. Students will gain knowledge in creative expression, artistic perception, aesthetic valuing, and historical and cultural context. Students will create personal works of art using pinch, coil, slab, and mold construction techniques. Students will also have the opportunity to create ceramic forms using the potter's wheel. An investigation of historical and cultural ceramic applications will provide students with comparative knowledge of form and decoration as well as function. Students are expected to keep a portfolio sketch-notebook of projects and assignments during both semesters. Material contribution and some supplies are required.

CERAMICS II

Course #6070

Grade Level: 10-12

Length: Year

Prerequisite: Grade B or better in Ceramics I and teacher approval

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. This advanced course develops and refines skills in ceramic construction. Students create ceramic forms using hand-building methods and the potter's wheel. Emphasis is placed on students developing a personal portfolio and submitting their work to regional art shows. Students will meet course goals in creative expression, artistic perception, aesthetic valuing, and historical/cultural context. Students are required to maintain a portfolio sketch notebook (with slides) of their projects and assignments. A formal written critique is required of all Ceramic II students. Material fees and some supplies are required.

CERAMICS III

Course #6075

Grade Level: 11-12

Length: Year

Prerequisite: Completion of Ceramics II with a grade of B or better or instructor's approval with a grade of C

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Advanced Ceramics uses the prior two years of ceramic courses as a foundation for students to build upon. While students are introduced to a variety of new processes and techniques, there is a focus on creative expression and aesthetic valuing at a more advanced level than in Ceramics I and II.

CHOIR I - CONCERT CHOIR

Course #7151

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit. This is the starting choir for all students new to high school choir. Students transferring from another high school choral program have the ability to move to Choir II or III at the director's discretion. In this course, students learn the fundamentals of reading music, sight singing, and working and performing with an ensemble. Additionally, students gain performance experience through concert performances and observation of

advanced choral groups. Students will perform a cappella and accompanied music centered around the enjoyment of singing with a healthy level of rigor. This course is for Soprano, Alto, Tenor, and Bass voices (SATB). Any student may enroll in this course without audition. To skip this course, students must audition and display a strong understanding of choral music basics as well as have at least one year of high school choir experience. This course can be repeated.

CHOIR II - TREBLE ENSEMBLE

Course #7152

Grade Level: 10-12

Length: Year

Prerequisite: Audition and signature of the Director

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit. This choir is comprised of advanced treble voices (SSAA) who display a high understanding of choral music fundamentals and performance confidence. In this course, students perform on campus, in concerts, as well as travel festivals, and occasionally out-of-state performances. Students will perform a variety of choral music both a cappella and accompanied. This course may be repeated. Students must have at least one year of experience in any high school choir.

CHOIR III - CHAMBER CHOIR

Course # 7153

Grade Level: 10-12

Length: Year

Prerequisite: Audition and signature of the Director

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit. This choir is comprised of SATB students who display the highest level of choral music understanding and performance confidence. In this course, students perform in school events, school concerts, travel festivals, and out-of-state performances. Students perform advanced-level choral music primarily in an a cappella setting. This course may be repeated. Students must have at least one year of experience in the VMHS Choir Program.

DANCE I

Course #7220

Grade Level: 9 -12

Length: Year

Prerequisite: Successful completion of Physical Education 9 or co-enrollment with PE 9

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit or requirements for the second year of physical education. This course is designed to provide students with opportunities to explore dance as an art and physical exercise. Students will be introduced to a variety of styles of dance including jazz, lyrical, modern, ballet, musical theater, and multi-cultural. This course will also focus on the development of movement skills and movement knowledge, self-image, personal growth, and social evolution.

DANCE II

Course #7230

Grade Level: 10-12

Length: Year

Prerequisite: Grade B or better in Dance I

This course meets UC/CSU (F) and District graduation

requirements for Visual and Performing Arts or elective credit or requirements for the second year of physical education. This course is designed to provide students with opportunities to explore Dance as both art and physical exercise with opportunities for student performances of acquired skills with emphasis on exploring advanced dance forms including advanced jazz, lyrical, modern character, and ballet. The components covered in dance include aesthetic perception, creative expression, dance heritage, and aesthetic valuing.

DRAMA I

Course #6500

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Drama activities focus on orientation to the stage, performance standards, novice live improvisation, and entry-level understanding of character development as well as theatrical terminology.

DRAMA II: INTERMEDIATE ACTING

Course #6550

Grade Level: 9-12

Length: Year

Prerequisite: Drama I or audition with teacher

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. The course emphasizes the preparation of scenes and monologues for classroom presentation and the study of period acting styles, stage direction, and production techniques. Culminating projects may include a Puppet Theater performance at an elementary school and an 'Evening of Scenes' public performance. Assessment techniques include in-class performance, videotaping, written assignments, and tests.

DRAMA III: ADVANCED ACTING & COMPETITION

Course #6560

Grade Level: 9-12

Length: Year

Prerequisite: Drama II or audition with teacher

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. The course emphasizes the preparation of one-act and full-length plays for classroom and public presentations. Individual scene studies in combination with a study of period acting styles, stage direction, and production techniques are included. Students in this class will compete at the Fullerton College High School Theatre Festival and have opportunities to compete/perform at other festivals as well.

DRAMA IV

Course #6570

Grade Level: 9-12

Length: Year

Prerequisite: Drama II, Drama III, or audition with teacher

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Students in this course are required to participate in the current production which might be as an actor or technical support. This "hands-on" class includes a culminating project. This course demands time after school, some weekends and weekday evenings. Grade is affected by both class and after-school participation. Students in this class will compete at the Fullerton College High School Theatre Festival and have opportunities to compete/perform at other festivals as well.

GRAPHIC DESIGN I

Course #6040

Grade Level: 9-12

Length: Year

Prerequisite: None (Art I and computer skills recommended)

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Graphic Design I is recommended for those wishing to learn the fundamentals and basics of computer-generated design. This course is an exploratory art class where students will be introduced to a variety of careers and pathways in the design and art field. Projects and assignments build on the principles and elements of art and design and typography. Projects include logos/branding, posters, magazine covers, packaging and product design, advertising, screen printing, and other 2D/print media. Students will learn the newest trends and software in the field, including the use of the Adobe Creative Cloud suite of software, with emphasis on Illustrator along with Photoshop and In Design. Projects will be ongoing and build from unit to unit, culminating with a digital portfolio at the end of the school year.

GRAPHIC DESIGN II

Course #6050

Grade Level: 10-12

Length: Year

Prerequisite: Grade C or better in Graphic Design I and teacher approval

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Graphic Design II is recommended for those wishing to continue the exploration of computer-generated design. This course is an intermediate art/design class where students will continue to learn about 2D design along with an introduction to motion design. Projects and assignments build on the principles and elements of art and design and typography as well as other concepts explored in Graphic Design I. Projects include advanced typography, analog design, principles of animation, advertising, kinetic typography, brochure design, and design screen printing, along with other 2D projects. Students will continue to explore design trends, as well as focus on design history and methods. Continued use and knowledge of the Adobe Creative Cloud suite of software, with emphasis on Illustrator along with Photoshop and In Design and After Effects, is also expected. Projects will be ongoing and built from unit to unit, culminating with a digital portfolio at the end of the school year.

GRAPHIC DESIGN III

Course #6055

Grade Level: 11-12

Length: Year

Prerequisite: Grade C or better in Graphic Design II and teacher approval

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Graphic Design III is recommended for those wishing to pursue advanced knowledge in the field of computer-generated design. This course is an advanced art/design class where students will develop an advanced portfolio or work related to various aspects of the career pathway. Projects and assignments continue to build on the principles and elements of art and design and typography, with a focus on advanced topics and methods. Projects include personal branding, motion design, screen printing, freelance work, and personal projects, culminating in an advanced digital portfolio. Students will continue the use of the Adobe Creative Cloud suite of software, with emphasis on Illustrator, Photoshop, In Design, and After Effects. Projects will be ongoing and built from unit to unit.

INTRO TO DESIGN (ENGINEERING)

Course #2445

Grade Level: 9-10

Length: Year

Prerequisite: None

OPTION TO CONTINUE AS AN ENGINEERING PATHWAY. This course is to be taken in year one of the Engineering Pathway. This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Introduction to Design is the first course in the Project Lead the Way Engineering sequence. The major focus of this course is to expose students to the elements and principles of visual design using the engineering design process. Projects will focus on design factors such as aesthetics, format, geometric shape and form, perspective drawing, scale, proportion, and presentation techniques. Students will use computers as a medium/tool for the design of project components such as sketching techniques, orthographic drawing, 3D modeling, and rendering. Assignment requirements are based on color, form, and aesthetics with an emphasis on the stages of the design process and critical thinking skills. In addition to the design process and principles of visual design, students will focus on research and analysis, teamwork, various communication methods, engineering standards, and technical documentation. Through hands-on projects, students will apply engineering standards while documenting their work and designs in an engineer's notebook. Students will design solutions to solve proposed problems and communicate solutions to peers and members of the professional community. The course assumes no previous knowledge, but students should be concurrently enrolled in appropriate mathematics and science courses.

JAZZ CHOIR

Course #7154

Grade Level 11-12

Length: Year

Prerequisite: Audition and signature of Director

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. This course brings together SATB singers with experience in solo singing to learn the stylistic components of vocal jazz music. Students do not need any previous choral experience to be in this class, however, they must display their vocal capabilities through an audition. Students will perform throughout the school year as a group and solo performances are available but not mandatory. This course may be repeated.

PHOTOGRAPHY I

Course #7800

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Photography I is a yearlong introductory course in photography. This course will provide students with opportunities to gain knowledge and practical skills used in the art and industry of photography. This course will familiarize the student with the fundamentals of light, photographic equipment, advanced editing software including Photoshop, File Management, materials, methods, and processes often used in digital photography. The students will also study the history, principles of art, composition, presentation, peer critique, and potential careers in photography.

PHOTOGRAPHY II

Course #7805

Grade Level: 10-12

Length: Year

Prerequisite: Grade C or better in Photography I and teacher approval

*MSJC Articulated**

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Photography II is the concentrator course in the Photography CTE Pathway. Students will continue to fine-tune their skills in art composition, image editing, camera, and artistic habits learned in Photography I. The development of personal style and creativity will be stressed. In addition, students will explore photography as a career as they study the business side of photography including personal branding, marketing, digital workflow, client communication, and other skills required to get started in the photography industry. Students will submit to competitions as well as learn advanced editing, composition, and photography technique skills as they continue to use Photoshop and other industry-standard software and equipment. Students will also learn digital asset management, printing, and developing a personal style to create a portfolio archive of digital images.

**Pending approval, students could earn 3 units of college credit through MSJC with a grade of B or better.*

PHOTOGRAPHY III

Course #7808

Grade Level: 11-12

Length: Year

Prerequisite: Completion of Photography I and II with a C or better and teacher approval

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Photography III is the capstone (mastery) course of the Photography CTE Pathway. This course is designed to provide students with the opportunity to apply their advanced photography skills as a working photographer by completing photoshoots for the school, collaborating on projects, submitting to competitions, and completing individual projects with a career focus. Students will also learn studio lighting as well as study historically important professional photographers and their professional work in depth and apply some of their techniques to their own work. Students will continue to refine their online portfolio, advance their technical and editing skills, and solidify their personal style. Students will be required to be self-motivated and accountable in

their work habits. Students will also be required to take photographs and manage photoshoots outside of daily class time. A portfolio of collected finished works with a public exhibition is a final goal of this class to prepare students for college and a career in photography.

RCOE AUDIO TECHNOLOGY I: INTRODUCTION TO AUDIO TECHNOLOGY

Course # 7938

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets UC/CSU (F) and District graduation requirements for elective credit. Audio Technology: Introduction to Audio Technology is the introductory course of the Arts Media & Entertainment CTE Pathway. The audio technology course covers an extensive range of various aspects of the current audio industry. Topics covered will include: pre and post-recording techniques, speaker design, live audio reinforcement, microphones, etc. This course offers some hands-on experience utilizing some of the most current industry-standard equipment. Software used during the year includes Reason, Pro-Tools, and plug-ins from Antares and Waves.

RCOE AUDIO TECHNOLOGY II: ADVANCED AUDIO PRODUCTION

Course #7947

Grade Level: 10-12

Length: Year

Prerequisite: Completion of Audio Technology I with a C or better

This course meets District graduation requirements for elective credit. Audio Technology: Advanced Audio Production is the concentrator course of the Arts Media & Entertainment CTE Pathway. This course will focus on the aesthetic qualities of sound production in both the recording studio and live entertainment environments. Students will show creative expression and develop ideas individually and within groups, write compositions, proposals, budgets, and design and deploy the layout of commercial-grade sound reinforcement systems. Students will study the impact audio and sound production has on our society from a social, economic, and political viewpoint. Study and training in this course will prepare students for careers in music engineering and production, post-production for film and television, and live sound-mixing for theater and concerts.

RCOE AUDIO TECHNOLOGY III: RECORDING AND ENTERTAINMENT MANAGEMENT

Course #7961

Grade Level: 11-12

Length: Year

Prerequisite: Completion of Audio Technology II with a C or better

This course meets District graduation requirements for elective credit. *Audio Technology III* is the capstone course to the Audio Technology Pathway. This course will explore the various elements of the recording industry and entertainment management. Students in this course will further examine the aspects of music production and live sound reinforcement with an emphasis on the management of the various production elements. Topics covered will include production design, event operations, entertainment and media marketing, and media distribution. Students will take this hands-on class and become a vital element in all major productions on campus and in the community.

RCOE DIGITAL FILM PRODUCTION I

Course #7902

Grade Level: 9-12

Length: Year

Prerequisite: None

*RCC Articulated**

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit. RCOE Digital Film Production I is the introductory course for the Arts Media & Entertainment: Digital Film Production CTE Pathway. This course is designed to provide students with an introduction to how the Digital Film Production Industry operates. Students will write story outlines, story treatments, and scripts, as well as design storyboards. Students will operate differing video cameras (HD, 4K, and DSLRs), differing microphones, and learn introductory photo-editing skills in Adobe's Photoshop, video-editing skills in Apple's Final Cut Pro, and music creation skills in Apple's Garageband. Students will be required to work collaboratively on most projects and must rely on intra-disciplinary

craftsmanship with their peers to achieve the goals of the course. This course may be followed up with an advanced course (Digital Film II focuses on creating daily content for a show) and concluded with a mastery course (Digital Film III focuses on film as a business and how to market films for real-world clients).

**This course is articulated with Riverside City College's FTV67 course. As such, students receiving a B grade or higher may receive two units of college credit upon successful completion.*

RCOE DIGITAL FILM PRODUCTION II

Course #7969

Grade Level: 10-12

Length: Year

*Prerequisite: Grade B or better in CTE Digital Film Production I or through audition with instructor
RCC Articulated**

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Art or elective credit. RCOE Digital Film Production II is the concentrator course for the Arts Media & Entertainment: Digital Film Production CTE Pathway. This course is designed to provide students with the opportunity to apply advanced production skills as they relate to the Digital Film Production industry by creating and crafting films for outside clients and student film festivals. Students will demonstrate advanced skills by operating differing video cameras (HD, 4K, and DSLRs), differing microphones, and through actual real-world use of their photo-editing skills in Adobe's Photoshop, graphic design skills in Adobe's Illustrator, video-editing skills in Apple's Final Cut Pro, special/visual effects in Adobe's After Effects, and music creation skills in Apple's Garageband. Students will be required to work both independently and collaboratively on projects, as well as pursue local client-based work that may count towards an internship opportunity. Students may even be paid as a result of their consultation and work. Students must rely on intradisciplinary craftsmanship with their peers to achieve the goals of the course. Student production hours will be required outside of daily class time and provided by the course instructor.

**This course is articulated with Riverside City College's FTV65 course. As such, students receiving a B grade or higher may receive three units of college credit upon successful completion.*

RCOE DIGITAL FILM PRODUCTION III

Course #7762

Grade Level: 11-12

Length: Year

Prerequisite: Grade B or better in CTE Digital Production II or through audition with instructor

*RCC Articulated**

This course meets District graduation requirements for Visual and Performing Art or elective credit. RCOE Digital Film Production III is the capstone course for the Arts Media & Entertainment: Digital Film Production CTE Pathway. This course is designed to provide students with the opportunity to apply their advanced personalized skills as they relate to the Digital Film Production industry by creating and crafting films for outside clients, as well as student film festivals. Students will demonstrate advanced skills by operating differing video cameras (HD, 4K, and DSLRs), differing microphones, and through actual real-world use of their photo-editing skills in Adobe's Photoshop, graphic design skills in Adobe's Illustrator, video-editing skills in Apple's Final Cut Pro, special/visual effects in Adobe's After Effects, and music creation skills in Apple's Garageband. Students will be required to work both independently and collaboratively on projects, as well as pursue local client-based work that may count as an internship opportunity. Students may even be paid as a result of their consultation and work. Students must rely on intra-disciplinary craftsmanship with their peers to achieve the goals of the course. Student production hours will be required outside of daily class time and provided by the course instructor.

**This course is articulated with Riverside City College's FTV52 course. As such, students receiving 108 laboratory/field production hours AND a B grade or higher may receive 2 units of college credit upon successful completion.*

TECHNICAL THEATER I

Course #6565

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit. Students will learn backstage skills including set design and construction, costuming, properties, and sound and stage lighting. This is a hands-on class and students need to be willing to "get their hands dirty". After school and weekend work is required to help build stage sets for the school Drama Department productions and to run stage crew for rehearsals and performances.

WIND ENSEMBLE

Course #7193

Grade Level: 9-12

Length: Year

Prerequisite: Audition

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit. The group prepares or performs high-level band works and transcriptions. These works are well suited for this smaller ensemble (35-45 musicians). The Wind Ensemble represents the school as the finest they have to offer at district and regional festivals and concerts both on and off campus. This ensemble will perform band literature at the college level covering all genres of musical styles.

YEARBOOK DESIGN

Course #1875

Grade Level: 9- 12

Length: Year

Prerequisite: Teacher approval

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit. Yearbook Design is a yearlong course to develop students' understanding of the role of visual art and design. In addition, this course will focus on impacts within society/culture and publication mediums. Yearbook Design will incorporate knowledge of a designer's target audience and stimulate creativity through a variety of two-dimensional media. Students will apply the artistic process to create designs for yearbook publication. Students will maintain the integrity of design through the editing process while collaborating and communicating with yearbook peers. In this course, students will demonstrate the ability to apply principles of design and effectively communicate.

PHYSICAL EDUCATION

PHYSICAL EDUCATION 9

Course #2700

Grade Level: 9

Length: Year

Prerequisite: None

This course meets District graduation requirements for physical education. This course will emphasize the development of movement skills and movement knowledge, self-image, personal growth, and social evolution. Students will be introduced to and participate in a variety of individual, dual, and team sports and activities. Daily participation in exercises that improve flexibility, muscle strength, and cardiovascular endurance will emphasize the benefits of lifetime health and fitness. In addition, concepts in total personal fitness and wellness will be covered. State mandated physical fitness test will be administered in the spring semester.

GRADES 10-12 MAY CHOOSE ANY 1 OF THE FOLLOWING PE COURSES

(PREREQUISITE MUST BE MET TO ENROLL IN ADVANCED COURSES)

ADVANCED DANCE CHOREOGRAPHY PRODUCTION

Course #7231

Grade Level: 9-12

Length: Year

Prerequisite: Audition only and teacher approval

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit or requirements for the second year of physical education. This course is designed to provide students with opportunities to explore dance as an art form and includes performance, choreography, and competition with acquired skills.

AEROBIC CONDITIONING & FITNESS

Course #2800

Grade Level: 10-12

Length: Year

Prerequisite: Successful completion of Physical Education 9

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit or requirements for the second year of physical education. This course is designed for the student interested in a total fitness program with an emphasis on aerobic activity. The student will use a variety of aerobic activities (aerobic dance, step aerobics, water aerobics, hip-hop, kickboxing, jump rope, walking, jogging, light weights, and resistance exercises) to increase cardiovascular endurance, flexibility, muscular strength, and overall fitness. This course will also focus on the development of movement skills and movement knowledge, self-image and personal growth, and social evolution.

AFJROTC

Course #7965 AFJROTC I

Course #7966 AFJROTC II

Course #7967 AFJROTC III

Course #7968 AFJROTC IV

Grade Level: 9-12

Length: Year

The AFJROTC (Air Force Junior Reserve Officer Training Corps) program provides citizenship training and Aerospace Science and leadership education programs for grades 9-12. Years one and two of AFJROTC meet District graduation requirements for physical education credit and years three and four meet District graduation requirements for elective credit. The course curriculum is based on the integration of five themes: aviation history, the physics of flight, space, careers, and leadership. The students receive physical education credit for two years and elective credit for two years for successful completion. There is no military obligation whatsoever for students enrolling in AFJROTC however, many college scholarships/academy opportunities exist for interested students. See Colonel Harrison in the AFJROTC Building for more information.

PHYSICAL EDUCATION (continued)

BODY COMPOSITION & FITNESS

Course #2810

Grade Level: 10-12

Length: Year

Prerequisite: Successful completion of Physical Education 9

This course meets the second year of District graduation requirements for physical education or elective credit. This course is designed for the student interested in total fitness with an emphasis on weight training. Students will be introduced to weight training as it applies to muscle toning, strength training, and bodybuilding through a variety of training programs. This course will also focus on the development of movement skills and movement knowledge, self-image, personal growth, and social evolution.

CARDIO FITNESS

Course #2711

Grade Level: 10-12

Length: Year

Prerequisite: Successful completion of Physical Education 9

This course meets the second year of District graduation requirements for physical education or elective credit. This course is designed for students interested in participating in cardio-endurance activities related to the fitness Lab and outdoor cardio activities that include power walking and cross-fit workouts. Basic skills and techniques will be covered for units along with strategies for each activity. Daily participation in exercises that improve flexibility, muscle strength, and cardiovascular endurance will emphasize the benefits of lifetime health and fitness. This course will also focus on the development of movement skills and knowledge, self-image and personal growth, and social evolution as they relate to Racquet Sports.

COURT SPORTS

Course #2820

Grade Level: 10-12

Length: Year

Prerequisite: Successful completion of Physical Education 9

This course meets the second year of District graduation requirements for physical education or elective credit. This course is designed for students interested in participating in team-court sports with an emphasis on basketball and volleyball. Basic skills and techniques along with rules and strategies for each sport will be covered. Daily participation in exercises that improve flexibility, muscle strength, and cardiovascular endurance will emphasize the benefits of lifetime health and fitness. This course will also focus on the development of movement skills and movement knowledge, self-image and personal growth, and social evolution.

DANCE I

Course #7220

Grade Level: 9-12

Length: Year

Prerequisite: Successful completion of Physical Education 9 or co-enrollment with PE 9

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit or requirements for the second year of physical education. This course is designed to provide students with opportunities to explore dance as an art and physical exercise. Students will be introduced to a variety of styles of dance including jazz, lyrical, modern, ballet, musical theater, and multi-cultural. This course will also focus on the development of movement skills and movement knowledge, self-image, and personal growth, and social evolution.

PHYSICAL EDUCATION (continued)

DANCE II

Course #7230

Grade Level: 10-12

Length: Year

Prerequisite: Grade B or better in Dance I

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit or requirements for the second year of physical education. This course is designed to provide students with opportunities to explore Dance as both art and physical exercise with opportunities for student performances of acquired skills with emphasis on exploring advanced dance forms including advanced jazz, lyrical, modern character, and ballet. The components covered in dance include aesthetic perception, creative expression, dance heritage, and aesthetic valuing.

RECREATIONAL & LIFETIME ACTIVITIES

Course #2840

Grade Level: 10-12

Length: Year

Prerequisite: Successful completion of Physical Education 9

This course meets the second year of District graduation requirements for physical education or elective credit. This course is designed for students interested in participating in popular recreational activities such as bowling, tennis, archery, golf, Frisbee, over-the-line, pickleball, and other recreational activities. Basic skills and techniques along with rules and strategies for each activity will be covered. Daily participation in exercises that improve flexibility, muscle strength, and cardiovascular endurance will emphasize the benefits of lifetime health and fitness. This course will also focus on the development of movement skills and movement knowledge, self-image and personal growth, and social evolution. Due to off-campus field trips and activities, a lab fee will be assessed.

TEAM FIELD SPORTS

Course #2850

Grade Level: 10-12

Length: Year

Prerequisite: Successful completion of Physical Education 9

This course meets the second year of District graduation requirements for physical education or elective credit. This course is designed for students interested in participation in team field sports such as flag football, softball, lacrosse, speed ball, soccer, and other team/field games. Basic skills and techniques along with rules and strategies for each sport are covered. Daily participation in exercises that improve flexibility, muscle strength, and cardiovascular endurance will emphasize the benefits of lifetime health/fitness. The focus will also be on the development of movement/knowledge skills, self-image, personal growth, and social evolution.

UNIFIED PHYSICAL EDUCATION I

Course #2715

Grade Level: 9-12

Length: Year

Prerequisite: Teacher Recommendation

This course is a fully inclusive program that combines students with disabilities and students without in a 50/50 ratio class. Unified Physical Education combines all students to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sports. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students. Students without disabilities are not meant to serve as helpers or mentors, but to be equitable classmates. All students should be encouraged to use their unique skills to support each other.

Career Technical Education (Regional Occupational Program) courses are designed to provide students with entry-level job training. Some courses include community site training in local businesses. CTE courses are available to all students. These courses provide free job training, high school credit, certificates of training, career planning, job search skills, and preparation for higher-level training. For more information on CTE/ROP courses visit your counselor.

LAW ENFORCEMENT

Course #7931

Grade Level: 9-12

Length: Year

Prerequisite: None

MSJC Articulated

This course meets UC/CSU (G) and District graduation requirements for elective credit. This course is to be taken in year one as the introductory course of the Public Services CTE Pathway. This course is designed to give qualified young men and women interested in a career in law enforcement an opportunity to receive training in various aspects of law enforcement. Areas covered include patrol procedures, self-defense, use of force, ethics, investigation, penal and vehicle codes, communications, clerical procedures, physical training, and safety. Students will be trained and certified in American Heart Association First Aid/CPR/AED.

FORENSIC SCIENCE/CSI

Course #7935

Grade Level: 10-12

Length: Year

Prerequisite: One Year of Basic Science and a passing grade in Law Enforcement

MSJC Articulated

This course meets UC/CSU (G) and District graduation requirements for elective credit. Forensic Science/CSI is the concentrator course in the Public Services CTE Pathway. The forensic science program is designed to provide students with entry-level skills, as well as knowledge to build on, for future employment in law enforcement. The program provides a challenging environment in which students are introduced to crime scene investigation including photographing, evidence collection, fingerprinting techniques, and patterns identification, blood splatter analysis, and evidence casting. Students will be trained and certified in American Heart Association First Aid/CPR/AED.

EXPLORING THE CRIMINAL JUSTICE SYSTEM

Course #7960

Grade Level: 11-12

Length: Year

Prerequisite: Introduction to Law Enforcement and

This course meets UC/CSU (G) and District graduation requirements for elective credit. Exploring the Criminal Justice System is the capstone course in the Public Services CTE Pathway and is the study of the American legal and justice system. Emphasis is placed on the court system and how it relates to the criminal justice system. The United States Constitution, Bill of Rights, and landmark Supreme Court decisions are studied and critiqued in depth. The legislative (law-making) process will be studied and analyzed. Students will distinguish how laws are carried out and how the American criminal justice system functions on the federal, state, and local levels. Students will explore the history of our federal and state courts, civil and criminal law, and its impact on police and corrections. Through research, students will discover how the criminal justice system has evolved to meet the changing needs of our modern society. Students will receive training and certification toward receiving a California State Security Guard Card.

RCOE SPORTS MEDICINE FUNDAMENTALS

Course #7921

Grade Level: 10

Length: Year

Prerequisite: None

This course meets UC/CSU (G) and District graduation requirements for elective credit. RCOE Sports Medicine Fundamentals is the introductory course in the Health Science & Medical Technology CTE Pathway and is designed to provide students with an overall introduction to allied health professions including vital signs, medical terminology, medical terminology, medical abbreviations, health and safety in healthcare, professionalism in healthcare, legal and ethical responsibilities of a medical professional, measurements and mathematics applied in healthcare careers, body systems along with anatomy and physiology, and will assist students in developing a career plan. Emphasis is placed on the skills necessary to enter the healthcare field and exploration of the many different employment areas within healthcare.

RCOE KINESIOLOGY: SPORTS MEDICINE

Course #7933

Grade Level: 10-12

Length: Year

Prerequisite: Completion of RCOE Sports Medicine

Fundamentals with a B or better

RCC Articulated

This course meets UC/CSU (G) and District graduation requirements for elective credit. This course meets UC/CSU (G) and District graduation requirements for elective credit. RCOE Kinesiology: Sports Medicine is the concentrator course in the Health Science & Medical Technology CTE Pathway. In this course, students will receive an overview of health careers and foundational preparation for careers in physical therapy, athletic training, sports medicine, exercise science, and other careers relating to the Kinesiology or Exercise Science field. Students will learn everything from medical terminology, human anatomy and physiology, and the causes, symptoms, and management of common athletic injuries. Students will acquire practical hands-on experience in the recognition and assessment, prevention, treatment, and rehabilitation of sports injuries to the head and spine, upper extremities, chest and abdomen, pelvis, and lower extremities. Students will be able to evaluate their patients and design a treatment and rehabilitation plan including various therapeutic exercises and modalities. There is a high level of rigor in the reading and decoding of the textbooks. Students will be examining and formulating their own conclusions from real-world medical research. The curriculum for this course includes very important twenty-first century skills, such as effective communication, critical thinking, research, and collaboration that has been identified as foundational to success in this field.

RCOE SPORTS MEDICINE: CLINICAL PRACTICUM

Course #7959

Grade Level: 11-12

Length: Year

Prerequisite: Completion of RCOE Sports Medicine

Fundamentals and Kinesiology with a B or better,

Completion of Anatomy, and Instructor approval to be enrolled

RCC Articulated

This course meets UC/CSU (G) and District graduation requirements for elective credit. RCOE Sports Medicine: Clinical Practicum is the capstone course in the Health Science & Medical Technology CTE Pathway. This course is a two-part course that includes classroom instruction

and community site training that is designed to help students practice their skills as healthcare providers in the areas of athletic training, physical therapy, personal fitness training, medical and sports equipment sales, massage therapy, emergency medicine, and other sports medicine-related occupations. Students will have the opportunity to apply the knowledge they have gained from previous coursework and continue to develop professional and employable skills. Subject matter will also include such items as ethics, legal concerns and insurance policies, administration in healthcare, pharmacology in athletics, sports psychology, and the importance of strength and conditioning specialists/certifications. This course is rigorous and designed not only around the framework of the health profession in general but also around patient contact and care applications specifically.

RCOE DIGITAL FILM PRODUCTION I

Course #7902

Grade Level: 9-12

Length: Year

Prerequisite: None

*RCC Articulated**

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit. RCOE Digital Film Production I is the introductory course for the Arts Media & Entertainment: Digital Film Production CTE Pathway. This course is designed to provide students with an introduction to how the Digital Film Production Industry operates. Students will write story outlines, story treatments, and scripts, as well as design storyboards. Students will operate differing video cameras (HD, 4K, and DSLRs), differing microphones, and learn introductory photo-editing skills in Adobe's Photoshop, video-editing skills in Apple's Final Cut Pro, and music creation skills in Apple's Garageband. Students will be required to work collaboratively on most projects and must rely on intra-disciplinary craftsmanship with their peers to achieve the goals of the course. This course may be followed up with an advanced course (Digital Film II focuses on creating daily content for a show) and concluded with a mastery course (Digital Film III focuses on film as a business and how to market films for real-world clients).

**This course is articulated with Riverside City College's FTV67 course. As such, students receiving a B grade or higher may receive two units of college credit upon successful completion.*



RCOE DIGITAL FILM PRODUCTION II

Course #7969

Grade Level: 10-12

Length: Year

*Prerequisite: Grade B or better in CTE Digital Film Production I or through audition with instructor
RCC Articulated**

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Art or elective credit. RCOE Digital Film Production II is the concentrator course for the Arts Media & Entertainment: Digital Film Production CTE Pathway. This course is designed to provide students with the opportunity to apply advanced production skills as they relate to the Digital Film Production industry by creating and crafting films for outside clients and student film festivals. Students will demonstrate advanced skills by operating differing video cameras (HD, 4K, and DSLRs), differing microphones, and through actual real-world use of their photo-editing skills in Adobe's Photoshop, graphic design skills in Adobe's Illustrator, video-editing skills in Apple's Final Cut Pro, special/visual effects in Adobe's After Effects, and music creation skills in Apple's Garageband. Students will be required to work both independently and collaboratively on projects, as well as pursue local client-based work that may count towards an internship opportunity. Students may even be paid as a result of their consultation and work. Students must rely on intradisciplinary craftsmanship with their peers to achieve the goals of the course. Student production hours will be required outside of daily class time and provided by the course instructor.

**This course is articulated with Riverside City College's FTV65 course. As such, students receiving a B grade or higher may receive three units of college credit upon successful completion.*

RCOE DIGITAL FILM PRODUCTION III

Course #7762

Grade Level: 11-12

Length: Year

*Prerequisite: Grade B or better in CTE Digital Production II or through audition with instructor
RCC Articulated**

This course meets District graduation requirements for Visual and Performing Art or elective credit. RCOE Digital Film Production III is the capstone course for the Arts Media & Entertainment: Digital Film Production CTE Pathway. This course is designed to provide students with the opportunity to apply their advanced personalized skills as they relate to the Digital Film Production industry by creating and crafting films for outside clients, as well as student film festivals. Students

will demonstrate advanced skills by operating differing video cameras (HD, 4K, and DSLRs), differing microphones, and through actual real-world use of their photo-editing skills in Adobe's Photoshop, graphic design skills in Adobe's Illustrator, video-editing skills in Apple's Final Cut Pro, special/visual effects in Adobe's After Effects, and music creation skills in Apple's Garageband. Students will be required to work both independently and collaboratively on projects, as well as pursue local client-based work that may count as an internship opportunity. Students may even be paid as a result of their consultation and work. Students must rely on intra-disciplinary craftsmanship with their peers to achieve the goals of the course. Student production hours will be required outside of daily class time and provided by the course instructor.

**This course is articulated with Riverside City College's FTV52 course. As such, students receiving 108 laboratory/field production hours AND a B grade or higher may receive 2 units of college credit upon successful completion.*

RCOE AUDIO TECHNOLOGY I: INTRODUCTION TO AUDIO TECHNOLOGY

Course # 7938

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets UC/CSU (F) and District graduation requirements for elective credit. Audio Technology: Introduction to Audio Technology is the introductory course of the Arts Media & Entertainment CTE Pathway. The audio technology course covers an extensive range of various aspects of the current audio industry. Topics covered will include: pre and post-recording techniques, speaker design, live audio reinforcement, microphones, etc. This course offers some hands-on experience utilizing some of the most current industry-standard equipment. Software used during the year includes Reason, Pro-Tools, and plug-ins from Antares and Waves.

RCOE AUDIO TECHNOLOGY II: ADVANCED AUDIO PRODUCTION

Course #7947

Grade Level: 10-12

Length: Year

Prerequisite: Completion of Audio Technology I with a C or better

This course meets District graduation requirements for elective credit. Audio Technology: Advanced Audio Production is the concentrator course of the Arts Media & Entertainment CTE Pathway. This course will focus on the aesthetic qualities of sound production in both the recording studio and live entertainment environments. Students will show creative expression and develop ideas individually and within groups, write compositions, proposals, budgets, and design and deploy the layout of commercial-grade sound reinforcement systems. Students will study the impact audio and sound production has on our society from a social, economic, and political viewpoint. Study and training in this course will prepare students for careers in music engineering and production, post-production for film and television, and live sound-mixing for theater and concerts.

RCOE AUDIO TECHNOLOGY III: RECORDING AND ENTERTAINMENT

Management

Course #7961

Grade Level: 11-12

Length: Year

Prerequisite: Completion of Audio Technology II with a C or better

This course meets District graduation requirements for elective credit. Audio Technology III is the capstone course to the Audio Technology Pathway. This course will explore the various elements of the recording industry and entertainment management. Students in this course will further examine the aspects of music production and live sound reinforcement with an emphasis on the management of the various production elements. Topics covered will include production design, event operations, entertainment and media marketing, and media distribution. Students will take this hands-on class and become a vital element in all major productions on campus and in the community.

FOUNDATIONS IN EDUCATION

Course #7500

Grade Level: 9-10

Length: Year.

Prerequisite: NONE

This course meets District graduation requirements for elective credit. Foundations in Education is an introduction to the teaching profession. As such it is an overview of the many facets of teaching, including history, child development, classroom engagement, and factors that influence learning. Students will reflect on their own educational experiences, participate in multiple observations of current teaching examples, and research contemporary topics/trends/practices in the profession so they can be better prepared for a career in teaching.

FOODS & NUTRITION

Course #5516

Grade Level: 10-11

Length: Year

Prerequisite: None

This course meets District graduation requirements for elective credit. Foods & Nutrition is the introductory course in the Hospitality & Tourism CTE Pathway. Students learn the fundamentals of safety, sanitation, measurement, and use of kitchen equipment. Laboratory experiences include preparing dishes in each of the food groups. An emphasis is given to preparation techniques, nutrition, cultural foods, and meal planning. Material fees and some supplies are required.

FOOD & BEVERAGE PRODUCTION

Course #5517

Grade level: 11-12

Length: Year

Prerequisite: Food and Nutrition and instructor approval

This course meets District requirements for elective credit. Food & Beverage Production is the concentrator course in the Hospitality & Tourism CTE Pathway. Students develop skills to work as part of a team to plan menus, demonstrate proper food handling, preparation, and serving techniques. Students select and use proper equipment, supplies, and procedures to produce a variety of food products to be sold or served to others. Career opportunities in the food and beverage industry are identified and explored. Material contribution and some supplies are required.



FOOD SERVICE & HOSPITALITY

Course #5518

Grade Level: 12

Length: Year

Prerequisite: Grade of C or better in Foods & Nutrition and Food & Beverage Production or instructor approval

This course meets District requirements for elective credit. Food Service & Hospitality is the capstone course in the Hospitality & Tourism CTE Pathway.

This course is designed to prepare students for entry level employment in the hospitality industry through exploring the scope of the industry and its relationship to travel and tourism, examining hotel and lodging operations, including specialized segments of the industry. Industry leaders and businesses are profiled and students will be exposed to a variety of occupations within the field and introduced to tools for measuring financial results. Integrated throughout this course are career preparation standards, which include basic academic skills, communication, interpersonal skills, problem-solving, workplace safety, technology, and employment literacy.

PHOTOGRAPHY I

Course #7800

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Photography I is the introductory course in the Arts Media & Entertainment: Photography CTE Pathway. This course will provide students with opportunities to gain knowledge and practical skills used in the art and industry of photography. This course will familiarize the student with the fundamentals of light, photographic equipment, advanced editing software including Photoshop, File Management, materials, methods, and processes often used in digital photography. The students will also study the history, principles of art, composition, presentation, peer critique, and potential careers in photography.

PHOTOGRAPHY II

Course #7805

Grade Level: 10-12

Length: Year

Prerequisite: Grade C or better in Photography I and teacher approval

*MSJC Articulated**

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Photography II is the concentrator course in the Arts

Media & Entertainment: Photography CTE Pathway. Students will continue to fine-tune their skills in art composition, image editing, camera, and artistic habits learned in Photography I. The development of personal style and creativity will be stressed. In addition, students will explore photography as a career as they study the business side of photography including personal branding, marketing, digital workflow, client communication, and other skills required to get started in the photography industry. Students will submit to competitions as well as learn advanced editing, composition, and photography technique skills as they continue to use Photoshop and other industry-standard software and equipment. Students will also learn digital asset management, printing, and developing a personal style to create a portfolio archive of digital images.

**Pending approval, students could earn 3 units of college credit through MSJC with a grade of B or better.*

PHOTOGRAPHY III

Course #7808

Grade Level: 11-12

Length: Year

Prerequisite: Completion of Photography I and II with a C or better and teacher approval

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Photography III is the capstone course in the Arts Media & Entertainment: Photography CTE Pathway. This course is designed to provide students with the opportunity to apply their advanced photography skills as a working photographer by completing photoshoots for the school, collaborating on projects, submitting to competitions, and completing individual projects with a career focus. Students will also learn studio lighting as well as study historically important professional photographers and their professional work in depth and apply some of their techniques to their own work. Students will continue to refine their online portfolio, advance their technical and editing skills, and solidify their personal style. Students will be required to be self-motivated and accountable in their work habits. Students will also be required to take photographs and manage photoshoots outside of daily class time. A portfolio of collected finished works with a public exhibition is a final goal of this class to prepare students for college and a career in photography.

INTRO TO DESIGN: ENGINEERING

Course #2445

Grade Level: 9-10

Length: Year

Prerequisite: None

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts credit. Intro to Design: Engineering is the introductory course in the Engineering & Architecture CTE Pathway. The major focus of this course is to expose students to the elements and principles of visual design using the engineering design process. Projects will focus on design factors such as aesthetics, format, geometric shape and form, perspective drawing, scale, proportion, and presentation techniques. Students will use computers as a medium/tool for the design of the project components such as sketching techniques, orthographic drawing, 3D modeling, and rendering. Assignment requirements are based on color, form, and aesthetics with emphasis on the stages of the design process and critical thinking skills. In addition to the design process and principles of visual design, students will focus on research and analysis, teamwork, various communication methods, engineering standards, and technical documentation. Through hands-on projects, students will apply engineering standards while documenting their work and designs in an engineer's notebook. Students will design solutions to solve proposed problems and communicate solutions to peers and members of the professional community. The course assumes no previous knowledge, but students should be concurrently enrolled in appropriate mathematics and science courses.

PRINCIPLES OF ENGINEERING

Course # 2446

Grade Level: 10-11

Length: Year

Prerequisite: Completion of Intro to Design: Engineering with a grade of C or better

This course meets the UC/CSU (D) and District graduation requirements for science credit. Principles of Engineering is the concentrator course in the Engineering & Architecture CTE Pathway and is the second course in the Project Lead the Way Engineering sequence. This course exposes students to some of the major concepts in the fields of mechanical, electrical, civil, and computer engineering. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, pneumatics, and kinematics. Students develop skills in problem-solving, research, and design while learning strategies for the design process documentation, collaboration, and presentation.

DIGITAL ELECTRONICS

Course #2448

Grade Level: 11-12

Length: Year

Prerequisite: Grade of C or better in both Intro to Design: Engineering and Principles of Engineering

This course meets the UC/CSU (D) and District graduation requirements for elective credit. Digital Electronics is the capstone course in the Engineering & Architecture CTE Pathway and is the third course in the Project Lead the Way Engineering sequence. This course is a study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discrete voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics.

ENGINEERING DESIGN AND DEVELOPMENT

Course #2447

Grade Level: 11-12

Length: Year

Prerequisite: Grade of C or better in this course sequence of Intro to Design: Engineering, Principles of Engineering, and Digital Electronics. Courses I-III are required to enroll in this capstone class

This course meets the UC/CSU (D) and District graduation requirements for elective credit. Engineering Design and Development is the capstone course in the Engineering & Architecture CTE Pathway and is the fourth course in the Project Lead the Way Engineering sequence. This course lets students identify a real-world challenge and then research, design, and test a solution, ultimately presenting their unique solutions to a panel of engineers. The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify a problem and then research, design, prototype, and test a solution, ultimately presenting their solution to a panel of practicing engineers. Students apply the professional skills they have developed to document a design process, and they complete EDD ready to take on any post-secondary program or career.



ADVANCED PLACEMENT COMPUTER SCIENCE

PRINCIPLES

Course #7571

Grade Level: 9-12

Length: Year

Prerequisite: Concurrent enrollment or successful completion of Math I/Algebra I and teacher approval

This course meets UC/CSU (D) and District graduation requirements for science credit. AP Computer Science Principles (AP CSP) is the introductory course in the Information & Computer Technology CTE Pathway. This course introduces students to the foundations of modern computing. AP CSP covers a wide range of foundational topics such as programming, algorithms, the internet, big data, digital privacy/security, and societal impacts. This course is unique in that it focuses on fostering student creativity and applying creative processes when developing computational artifacts. Students design and implement innovative solutions using an interactive process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life. AP CSP is designed to be an entry-level class equivalent to a first-semester introductory college computer science course. Students will use computational tools to analyze and study data while working with large data sets to analyze, visualize, and draw conclusions from trends. Students will also develop effective communication and collaboration skills. In addition, students will work individually and in peer groups to discuss and solve problems, write of the while working with large data sets to analyze, visualize, and draw conclusions from trends. Students will also develop effective communication and collaboration skills. In addition, students will work individually and in peer groups to discuss and solve problems, write of the importance and impact of technology on their community, society, and the world. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

CTE COMPUTER PROGRAMMING

Course #7574

Grade level 10-12

Length: Year

Prerequisite: AP Computer Science Principles

This course meets UC/CSU (G) and District graduation requirements for elective credit. CTE Computer Programming is the concentrator course in the Information & Computer Technology CTE Pathway. This course introduces students to the foundations of modern computing. This course is designed to increase the knowledge base of computer applications related to mathematics, business, science, and social science. The major focus will be object-oriented languages: Python and Java, Classes and Objects, machine control, and online applications. The course builds upon skills and practices from AP Computer Science Principles and is meant to prepare students for entry-level employment in the computer science field.

CYBERSECURITY

Course #7573

Grade level 11-12

Length: Year

Prerequisite: Successful completion of Exploring Computer Science and AP Computer Science Principles or Teacher approval

This course meets District graduation requirements for elective credit. Cybersecurity is the capstone course in the Information & Computer Technology CTE Pathway. This course introduces students to the foundations of modern computing. The Cybersecurity course prepares students for a career in network administration and technical support with a focus on cybersecurity. The course includes a series of technical subjects that provide hands-on knowledge and skills in computer hardware, operating systems, networking, and security concepts. Industry-based curricula are utilized in a networked environment to assist in preparing students for industry-recognized certifications. Students will engage in intricate problem-solving exercises that mimic real-world technical challenges. The program targets students preparing for careers in information and communications, technology, and cybersecurity. Activities in this course include work-based learning that connects students to industry and the local community.

GENERAL ELECTIVES

All students are invited to be a part of the Bronco Athletics Tradition. All Broncos will be called upon to build and keep the athletic traditions that are now standards for all Broncos. Incoming 9th-grade students are encouraged to get involved in activities and do their best in the classroom. We recommend that a ninth-grade student-athlete participate in two or three sports during their high school career. This is a great opportunity to be involved in as many sports as possible to find out about your skills as an athlete.

Note: Athletic physical education courses meet District graduation requirements for physical education credit for 10th grade. Athletic physical education courses meet district graduation requirements for elective credit for 10th, 11th, and 12th grades. All students must successfully complete tryouts before being placed on team rosters. Students must be eligible with an athletic physical, a minimum grade point average of 2.0, and have approval from the coach and Athletic Director before entering the class. **Athletes must maintain a minimum 2.0 GPA and pass at least 20 units each grading period to participate in athletic programs.**

The following is a list of sports offered at Vista Murrieta High School:

BOYS ATHLETIC PE

Grade Level: 10-12

Length: Year

Prerequisite: Must be listed on the coach's team roster

Cross-Country (Fall Sport) Course #2906

JV Football (Fall Sport) Course #2910

Varsity Football (Fall Sport) Course #2909

Water Polo

Aquatic Conditioning (Fall Sport) Course #2918

Basketball (Winter Sport) Course #2903

Soccer (Winter Sport) Course #2919

Wrestling (Winter Sport) Course #2931

Baseball (Spring Sport) Course #2901

Swimming

Aquatic Conditioning (Spring Sport) Course #2918

Volleyball Course #2927

GIRLS ATHLETIC PE

Grade Level: 10-12

Length: Year

Prerequisite: Must be listed on the coach's team roster

Cross-Country (Fall Sport) Course #2906

Volleyball (Fall Sport) Course #2927

Water Polo

Aquatic Conditioning (Winter Sport) Course #2918

Basketball (Winter Sport) Course #2904

Soccer (Winter Sport) Course #2920

Wrestling (Winter Sport) Course #2931

Softball (Spring Sport) Course #2929

Swimming

Aquatic Conditioning (Spring Sport) Course #2918

AVID

Grade Level: 9-12

Length: Year

Prerequisite: Approval of AVID Coordinator and/or Counselor

Course #1944 Freshman

Course #1945 Sophomore

Course #1946 Junior

Course #1947 Senior Seminar

All AVID courses meet District graduation requirements for elective credit, but the AVID Senior Seminar course also meets UC/CSU (G) elective credit. AVID (Advancement Via Individual Determination) is a program designed to increase school-wide learning and performance. As an elective course, AVID prepares students for entrance into four-year colleges by following a curriculum based on analytical writing, note-taking, organizational skills, study skills, college and career research, and test-taking strategies. Selection into the elective course consists of meeting program guidelines, completing the application process, and participate in a formal interview.

GENERAL ELECTIVES (continued)

AVID TUTOR/ACADEMIC TUTOR

Course #1950

Grade Level: 11-12

Length: Year

Prerequisite: Approval of AVID Coordinator and/or Counselor

This course meets District graduation requirements for elective credit. This is an elective course in which mature junior and senior students assist AVID teachers in the AVID 9 and/or AVID 10 classes. Students will lead and assess group inquiry/tutorial sessions and serve as role models for the AVID students. Students will learn about AVID methodologies and will complete certain clerical tasks. Consistent attendance is essential, and an AVID Tutor contract must be completed. This course is ideal for students who might want to become teachers or who wish to gain valuable leadership skills.

HEALTH

Course #8075

Grade Level: 9

Length: Semester

Prerequisite: None

This course meets District graduation and California State requirements for health and personal fitness. It is a requirement for graduation and is required of all freshmen. Students are presented with current research. The curriculum includes six major areas of health instruction: body systems, fitness and nutrition, mental/consumer/social health, tobacco/drugs/alcohol, disease, and sex education.

ICT (INFORMATION, COMMUNICATION & TECHNOLOGY)

Course # 7560

Grade Level: 9

Length: Semester

Prerequisite: None

This course meets District graduation requirements for computers/careers. This course is required of all freshmen. ICT is a course that provides the student with base knowledge for learning in the twenty-first century. It incorporates defining, evaluating, managing, and communicating information, media literacy, and career development skills through the use of critical thinking, problem-solving, and career readiness skills. Students will learn how to locate, use, and evaluate the necessary information, programs, and the technology required to complete a rigorous secondary education program.

CINEMA AS LITERATURE

Course #1876

Grade Level: 11-12

Length: Year

Prerequisite: Grade C or better in English II

This course meets UC/CSU (G) and District graduation requirements for elective credit. This course is designed to show students how film is a form of literature. By viewing classic and modern films, students will learn that good films, like good literature, have certain elements in common. They will be expected to understand motifs, symbols, metaphors, allusions, and plot elements as they relate to both film and literature and to develop an appreciation for the interaction of film elements such as scripting, directing, acting, producing, editing cinematography, music, lighting, sound, special effects, set design, and costuming. Students will learn to recognize such film genres as drama, comedy, western, musical, science fiction, horror, action/adventure, animation, and documentary.

CREATIVE WRITING

Course #1877

Grade Level: 10-12

Length: Year

Prerequisite: Grade C or better in English II or concurrently enrolled in English II

This course meets UC/CSU (G) and District graduation requirements for elective credit. Creative Writing is designed to help students explore writing as a tool for creative expression. Students will learn the process writers use to compose a variety of pieces, including short stories, essays, poems, and plays, and to discriminate between what is effective in their writing and that of their peers.

BEGINNING GUITAR

Course: #7000

Grade Level: 10-12

Length: Year

Prerequisite: None. Guitars are provided

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts. Students will learn multiple styles of guitar techniques. The music fundamentals covered are music notation, meter, and note values, key signatures, and chords. Students will be able to read notation on all strings in the first position, play basic chords, and play basic songs.

GENERAL ELECTIVES (continued)

INTERMEDIATE GUITAR

Course #7001

Grade Level: 10-12

Length: Year

Prerequisite: Instructor approval only

This course is a performance and music theory-based course. Students will perform solo and ensemble music pieces. Students will also enhance their sight-reading skills, improve their techniques, and learn advanced chords, alternate picking styles, and multi-octave scales.

YEARBOOK

Course #1870

Grade Level: 9-12

Length: Year

Prerequisite: Teacher approval

This course meets UC/CSU (G) and District graduation requirements for elective credit and is designed to develop the skills and techniques in publishing, necessary to produce a high school yearbook publication from scratch. Students will participate in designing, photographing, writing, and editing the yearbook over the course of the school year. Topics covered include layout, photojournalism, writing, and other topics related to the publication of the "Stampede" yearbook. Students are expected to complete a variety of tasks, all year, both in and out of class, including after school. Class size is limited. Strong design, photography, and writing skills are a plus.

YEARBOOK DESIGN

Course #1875

Grade Level: 9- 12

Length: Year

Prerequisite: Teacher approval

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts or elective credit. Yearbook Design is a yearlong course to develop students' understanding of the role of visual art and design. In addition, this course will focus on impacts within society/culture and publication mediums. Yearbook Design will incorporate knowledge of a designer's target audience and stimulate creativity through a variety of two-dimensional media. Students will apply the artistic process to create designs for yearbook publication. Students will maintain the integrity of design through the editing process while collaborating and communicating with yearbook peers. In this course, students will demonstrate the ability to apply principles of design and effectively communicate.

PSYCHOLOGY

Course #1900

Grade Level: 10-12

Length: Year

Prerequisite: None

This course meets UC/CSU (G) and District graduation requirements for elective credit. This course explores the field of individual human behavior and how that behavior interacts with society. This course will explore current theories in areas such as personality development, learning, perception, and abnormal psychology, as well as cover the classic theorists and their contributions to the field. Research on the brain and behavior will also be studied. Assessment procedures will include performance-based and conventional assessments, research projects, and papers.

ADVANCED PLACEMENT PSYCHOLOGY

Course #1890

Grade Level: 10-12

Length: Year

Prerequisite: Teacher approval

This course meets UC/CSU (G) and District graduation requirements for elective credit. The course will explore current theories in areas such as personality, development, learning, perception, and abnormal psychology, as well as cover the classic theorists and their contributions to the field. Brain research and behavior will also be studied. Assessment procedures will include performance-based and conventional assessments, research projects, and papers. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

GENERAL ELECTIVES (continued)

MSJC DUAL ENROLLMENT PSYCHOLOGY 101:

INTRODUCTION TO PSYCHOLOGY - 3 Units

Course #1895

Grade Level: 11-12

Length: Semester

Prerequisite: MSJC matriculation and an appropriate assessment test score of English 098

This course meets UC/CSU (D) and District graduation requirements for science or elective credit. This course is designed to introduce students to the core themes of introduction to psychology, the scientific study of behavior and mental processes in context.

Contemporary theories and research methods will be explored. Topics will range from the study of learning cognitive principles to brain physiology and psychopathology. The aim of this course is to promote the intellectual development of students by broadening their understanding of the fundamental aspects of human behavior and cognitive processes. With successful completion, students will receive three (3) units of college credit. The course is UC/CSU transferable; meets Area 4I on IGETC and Areas D9, E1 on CSU-GE. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

ADVANCED PLACEMENT HUMAN GEOGRAPHY

Course #1918

Grade Level: 9-12

Length: Year

Prerequisite: Teacher approval

This course meets UC/CSU (A) and District graduation requirements for social science or elective credit. It also meets the requirement for world history credit. AP Human Geography is a year-long course that focuses on the distribution, processes, and effects of human populations on the Earth. Unit topics that will be covered include population, migration, culture, language, religion, gender, ethnicity, political geography, economic development, industry, agriculture, and urbanization. Students will be able to: interpret maps and analyze geospatial data; understand and explain the implications of associations and networks among phenomena in places; recognize and interpret the relationships among patterns and processes at different scales of analysis; define regions and evaluate the regionalization process; characterize and analyze changing interconnections among places. This AP course uses the traditional grading scale of A, B, C, D, and F.

Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

ADVANCED PLACEMENT MUSIC THEORY

Course #7007

Grade Level: 10-12

Length: Year

Prerequisite: Instructor approval and participation in an Advanced Music Ensemble

This course meets UC/CSU (F) and District graduation requirements for Visual and Performing Arts. This Course develops a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a musical score. The achievement of these goals may best be approached by initially addressing fundamental aural, analytical, and compositional skills using both listening and written exercises. Building on this foundation, the course should progress to include more creative tasks, such as the harmonization of a melody by selecting the appropriate chords, composing a musical bass line to provide a two-voice counterpoint, or the realization of figured-bass notation. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

ETHNIC STUDIES

Course #1925

Grade Level: 9 - 12

Length: Semester

Prerequisite: None

The course meets UC/CSU (G) and District graduation requirements for **one semester** of elective credit. An interdisciplinary approach to the study of race and ethnicity, as understood through perspectives of major underrepresented racial groups in the United States. Ethnic Studies examines and addresses such issues as changing demographics, civil rights, educational inequality, identity and empowerment, immigration, gender and intersectionality, media, music and popular culture, social movements, voting rights, and political representation, and much more. By studying the histories of race, ethnicity, nationality, and culture, students will cultivate respect and empathy for individuals and solidarity with groups of people locally, nationally, and globally so as to foster active social engagement and community building.

GENERAL ELECTIVES (continued)

PEER ASSISTANCE LEADERSHIP: BBC

Course # 5541

Grade Level: 10-12

Length: Year

*Prerequisite: Teacher recommendation, application, interview, and advisor approval**

This course meets UC/CSU (G) and District graduation requirements for elective credit. BBC (Bronco Bleacher Creatures) is a school-wide, student-driven program designed to maximize student participation and increase a positive school culture, climate, and school spirit. Through leadership training, students will learn public speaking skills as well as interpersonal and presentation skills as they relate to dealing with the school and community. Students will also engage in community service, in addition to business, marketing, communications, and financial and accounting practices. Through BBC activities students will support, recognize, and promote all athletics, arts, and student performances. *See Ms. Terrazas in EE22 or Mr. Rucker in W120 for more information. *Interview required.*

PEER ASSISTANCE LEADERSHIP: BNA

Course # 5541

Grade Level: 10-12

Length: Year

*Prerequisite: Application, interview, and teacher approval**

This course meets UC/CSU (G) and District graduation requirements for elective credit. The BNA (Bronco Nation Association) leadership program will promote a sense of unity, togetherness, and shared identity among individuals attending Vista Murrieta High School. Students will engage in skilled leadership lessons, activities, and events that support student achievement, promote unity through diversity, develop a climate of belonging on campus, and create partnerships with the community at large. Students will be inspired and inspire others to think, to learn, to achieve, and to care with C.L.A.S.S. *See Mrs. Thomas-Kelley in EE12 or Mr. Dowden in room WW14 for more information. *Interview required.*

LIFE MANAGEMENT

Course #1939

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets UC/CSU (G) and District graduation requirements for elective credit. This course is designed to give students skills they will need for personal and life management. Instruction in the content areas of child development and guidance; consumer education; family and human development; fashion, textiles, and apparel; food and nutrition; housing and furnishings; individual and family health; finances, budgeting, taxes, job applications, and interview skills; and leadership is designed to prepare students with the knowledge, skills, and attitudes to function effectively as family members, leaders, workers, and citizens.

LEADERSHIP & SENATE

LEADERSHIP: Course #1930

SENATE: Course #1932

Grade Level: 9-12

Length: Year

*Prerequisite: Application and advisor approval**

This course meets UC/CSU (G) and District graduation requirements for elective credit. Designed students interested in learning about government, parliamentary procedure, service, and public relations in laboratory and practical school situations. Leadership students will learn written and public speaking skills as well as conflict resolution and interpersonal skills. Emphasis will be on government and school procedures, elections, and running effective meetings. Students will learn service-learning skills such as presentation skills, community service, and citizenship in addition to business marketing, communications, and financial and accounting practices. While students meet in the classroom setting, the majority of the practical learning situations are held outside the class and outside the regular school day. Students are required to maintain a 2.5 GPA while part of this program. *See Mrs. Kush in P117 for more information *Interview required.*

GENERAL ELECTIVES (continued)

LEADERSHIP PROGRAM: LINK CREW

Course #5542

Grade Level: 11-12

Length: Year

*Prerequisite: Teacher recommendation, signature, and interview**

This course meets UC/CSU (G) and District graduation requirements for elective credit. Link Crew is the freshmen leadership transition program. Junior and senior leaders are chosen to act as mentors for the freshmen class. Link Crew leaders are responsible for connecting freshmen to make their transition to high school truly successful and comfortable. Each leader is linked to approximately 10 freshmen for the entire year. The leaders are responsible for fulfilling their leader-initiated contacts. These contacts include monthly luncheons, phone calls, letters/congratulations, and face-to-face interactions. The other significant aspect is planning social events for just the freshmen class. Events include orientation, freshmen rally, luncheons, movie nights, and final review sessions. Students must have a 2.5 GPA or higher to be part of Link Crew. *See Mrs. Parsons in room M114 for more information. *Interview required.*

INCLUSIVE PEER MENTORING

Course #5544

Grade Level 9-12

Length: year

Prerequisite: none

This course meets District graduation requirements for elective credit. Students will learn about inclusive education, equity for all students, and strategies to support peer buddies and work directly with special and general education peers with unique needs. This course will provide students with an understanding of exceptionality and equip them with strategies to effectively mentor peers with unique needs. Students will gain an understanding of equitable support for students with varied abilities, accommodations, and modifications necessary to allow all students access opportunities to be successful in a variety of education settings aiming toward the least restrictive environment. Students will facilitate learning and relationship-building with peers in the classroom/school environment. *See Mrs. Heise in room W239.*

AFJROTC AEROSPACE SCIENCE I

Course #7965

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets District graduation requirements for physical education credit for grades 9-12 and elective credit for grades 11-12. The AFJROTC is a leadership program that is designed to instill the value of citizenship, personal responsibility, and a sense of accomplishment to the student. All courses have two main curriculums: Aerospace Science and Leadership Education. The first year will focus on aviation history and the development of flight throughout the centuries. It starts with ancient civilizations and then progresses through time to the modern day. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomy and space exploration history. The student will also be introduced to the mission of Air Force Junior ROTC program, its organization, and its philosophies. Students learn customs and courtesies associated with classroom activities, the United States flag, and the wear of the Air Force Junior ROTC uniform, including attitude and discipline expectations. Basic military drills will also be taught.

GENERAL ELECTIVES (continued)

AFJROTC AEROSPACE SCIENCE II

Course #7966

Grade Level: 10-12

Length: Year

Prerequisite: Successful completion of Aerospace Science I

This course meets District graduation requirements for physical education credit for grades 10-12 and elective credit for grades 11-12. The AFJROTC is a leadership program that is designed to instill the value of citizenship, personal responsibility, and a sense of accomplishment in the student. All courses have two main curriculums, Aerospace Science and Leadership Education. The second year will focus on world cultures. It introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. An underlying theme of the course emphasizes the impact that cultural perspectives have on interactions between people. Students will also be learning effective communication skills. Effective writing, speaking, and listening skills are emphasized. Students also develop an understanding of individual and group behavior, including exercises in motivation, defense mechanisms, and individual responsibility. This course will present basic leadership concepts and principles, situational leadership activities, and techniques for effective teamwork. Additionally, military drill and wearing of the AFJROTC uniform will be part of this course.

AFJROTC AEROSPACE SCIENCE III

Course #7967

Grade Level: 11-12

Length: Year

Prerequisite: Successful completion of Aerospace Science II

This course meets District graduation requirements for physical education credit for grades 11-12 and elective credit for grades 11-12. The AFJROTC is a leadership program that is designed to instill the value of citizenship, personal responsibility, and a sense of

accomplishment to the student. All courses have two main curriculums, Aerospace Science and Leadership Education. The third year will focus on the basic concepts of space flight. This curriculum will complement materials taught in high school math, physics, and other science-related courses. Our Leadership Education curriculum is titled "Life Skills and Career Opportunities". This curriculum will teach students the fundamentals of financial planning, budgeting, how to choose a college, how to apply for a job, and other essential life skills lessons. Additionally, military drill and wearing of the AFJROTC uniform will be part of this course.

AFJROTC AEROSPACE SCIENCE IV

Course #7968

Grade Level: 12

Length: Year

Prerequisite: Successful completion of Aerospace Science III

This course meets District graduation requirements for physical education credit for grade 12 and elective credit for grade 12. The AFJROTC is a leadership program that is designed to instill the value of citizenship, personal responsibility, and a sense of accomplishment to the student. All courses have two main curriculums: Aerospace Science and Leadership Education. The fourth year is a customized course that teaches how to manage the cadet core. Students will complete real-world assignments assigned to them from the staff cadet core to ensure all activities and unit goals are fulfilled. They will plan, organize, and create committees to assist the staff cadet core. The student will be also taught principles of management. This revised course contains many leadership topics such as management in a working environment, establishing goals, developing plans to achieve the goals, and learning foundations of decision-making. Throughout the course, there are many ethical dilemmas, case studies, and role-play activities built into the lessons. Additionally, military drills and wearing of the AFJROTC uniform will be part of this course.

GENERAL ELECTIVES (continued)

AFJROTC EXECUTIVE LEADERSHIP

Course #7994

Grade Level: 10-12

Length: Year

Prerequisite: Completion of AP AFJROTC and instructor approval

This course meets District graduation requirements for physical education credit for grades 10-12 and elective credit for grades 11-12. The AFJROTC is a leadership program that is designed to instill the value of citizenship, personal responsibility, and a sense of accomplishment to the student. All courses have two main curriculums: Aerospace Science and Leadership Education. This is a customized course that selected students will manage and lead the cadet core. Students will complete real-world assignments assigned to them from the instructors to ensure all activities and unit goals are fulfilled. They will plan, organize, and create committees as needed to complete all unit tasks. This is a student-led class by design. The student will also be taught principals of management. This revised course contains many leadership topics such as management in a working environment, establishing goals and developing plans to achieve the goal and learning foundations of decision-making. Additionally, military drill and wearing of the AFJROTC uniform will be part of this course.

AFJROTC DRILL AND CEREMONIES

Course #7980

Grade Level: 9-12

Length: Year

Prerequisite: None

This course meets District graduation requirements for physical education credit for grades 9-12 and elective credit for grades 11-12. This course provides an in-depth introduction to drill and ceremonies and has the benefit of taking students to the advanced and intermediate drill and marching levels. The course concentrates on the elements of drill and describes individual and group precision movements, drill, ceremonies, reviews, parades, and the development of the command voice. Students are provided detailed instruction on ceremonial performances and protocol for military and civilian events and have the opportunity to personally learn the drill.

STUDY SKILLS FOUNDATIONS

Course #8167

Grade Level: 9-12

Length: year

Prerequisite: IEP Team placement

The Study Skills class is offered in the Specialized Academic Instruction Setting to assist students with their

academic workload. The class is designed to complete homework and prepare for tests. The Education Specialists and staff provide additional support for all academic classes and teach organizational skills. Throughout the class, students will participate in activities that will assist students in learning and/or recognizing their own learning styles. Students will be encouraged to become advocates for themselves and their education. Education Specialists and students will also discuss post-high school transition goals and work on individual goal setting.

SENIOR SEMINAR

Course #5531

Grade Level: 12

Length: Year

Prerequisite: None

This course meets District graduation requirements for elective credit. Senior Seminar is a year-long course and is offered only to 12th-grade students who are bound to four-year colleges. It will provide valuable instruction to senior students relating to their post-high school plans. Lessons will focus on identifying post-secondary options consistent with interest, achievement, aptitude, and abilities investigating college plans. Students will explore current and future career trends, properly submit college applications, identify, and apply for scholarships, understand financial aid and properly complete and submit the FAFSA form. Senior Seminar is designed for students enrolled in Dual/AP courses, as it includes collaborative Dual/AP support.

LATE START/EARLY RELEASE

Late Start/1st Period Course #9010

Late Start/2nd Period Course #9011

Early Release/6th Period Course #9007

Early Release/7th Period Course #9002

Grade Level: 11-12

Length: Year

*Prerequisite: On track for graduation**

Students who are on track with enough credits for graduation and are not credit-deficient may request Late Start for periods 1-2, or Early Release for periods 6-7. Students must carry a minimum of five (5) VMHS (non-Dual) courses along with any Late Start/Early Release periods. Students must have Late Start/Early Release Contract with a parent signature (see appendix). NO grade or credits are issued.

**Early Release/Late Start is a privilege. Students must maintain passing grades, be on track for graduation, and adhere to all expectations.*

ADVANCED PLACEMENT PROGRAM

What is AP? Advanced Placement (AP) courses are typically more demanding than regular high school courses. AP courses are COLLEGE-LEVEL courses. VMHS offers 20 different subject courses that students can choose from throughout their high school careers. From early May, the student will have the opportunity to participate in the AP exam corresponding to the subject studied. Participating in AP courses is favorably viewed by colleges and universities if the student proves to successfully pass a course and pass the AP exam.

Why take an AP course? The College Board states that, "The extra time a student will put into an AP course is definitely worth it. Consider these benefits: the student will have the opportunity to study a subject in-depth, at the college level, so he/she will be more prepared for college work and if the student receives a qualifying grade on an AP exam they may be eligible for advanced placement or course credits at a majority of colleges and universities in the U.S."

VMHS is committed to offering students every opportunity to advance learning by taking Advanced Placement (AP) courses. Some other facts about Advanced Placement courses:

1. AP course grades are weighted and earn an extra point towards your GPA i.e., an 'A' grade counts 5 points for an AP course instead of 4 points for an 'A' in a non-AP core class.
2. If a student chooses to take the AP exam at the end of the course, the approximate cost is \$100.00 for each exam. Price is subject to change, per CollegeBoard. Late fees are applied after the exam registration deadline. Fee waivers may be available for those students who participate in the free/reduced lunch program. See murrietaschoolnutrition.com for the application (apply before October to avoid delays in processing the waiver).
3. AP courses require students to commit to many hours of additional study and preparation time beyond the normal homework/project requirements. Many courses require summer reading. Summer assignments will be posted on www.vmhs.net before June.
4. Students may earn college credits for each class taken if they take and pass the AP exam at a certain level.
5. AP classes at VMHS have traditionally been open to all students. However, recently some AP classes have been impacted due to reduced staffing or limitations in staff qualified to teach a specific AP course. AP courses will continue to be accessible to students meeting the prerequisites; however, impacted courses will be offered based on a priority list. Upperclassmen will receive the highest priority for admission to multi-grade AP classes.

To find out more about the Advanced Placement Program, visit The College Board web page at <http://apcentral.collegeboard.org> where you will learn current information about Advanced Placement courses. Or visit the VMHS AP webpage at www.vmhs.net by clicking on Programs and Advanced Placement or see your Counselor for more information.

ADVANCED PLACEMENT COURSE OFFERINGS

AP English Language and Composition
AP Precalculus
AP Calculus AB
AP Calculus BC
AP Statistics AP
AP Biology

AP Environmental Science
AP Chemistry
AP Physics
AP Human Geography
AP World History
AP United States History

AP Government
AP Macroeconomics
AP Microeconomics
AP Psychology
AP Computer Science Principles
AP Spanish Language

AP EXAMS

Important AP Exam 2024-2025 Memo:

In recent years, College Board, creators of Advanced Placement, announced significant changes to the AP exam ordering process, deadlines, late fees, and cancellation fees that will continue to be mandated for all schools and all students in the 2024-2025 school year.

All students will decide whether to take exams and order their exams by November 2024. All students in AP classes who register after November 2024, will be assessed a \$40.00/exam late fee. In addition, a \$40.00/exam cancellation fee will be assessed for any exam order canceled after November 2024. It is important that all families are aware of these fees and deadlines, especially as students begin registering for their 2024-2025 courses.

We understand that these deadlines may cause concern for students, parents, and teachers. Please keep in mind that this is being mandated by the College Board and was not decided by the school or school district.

Thank you,
AP Coordinators
Claudia Hill and Sandie Valenzuela
cghill@murrieta.k12.ca.us
svalenzuela@murrieta.k12.ca.us

ADVANCED PLACEMENT COURSES 2024/2025

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

Course #1005

Grade Level: 11

Length: Year

Prerequisite: Placement for juniors is determined by the student's previous English course performance (semester grades of B+ or higher recommended). Additionally, a summer assignment is due on the first day of class.

This course meets UC/CSU (B) and District graduation requirements for English credit. It is a one-year course consisting of analysis and writing at the collegiate level. The majority of emphasis will be on the four modes of discourse (narration, description, exposition, and argumentation), and the majority of essays will focus on rhetorical analysis, argument, and synthesis.

Approximately 25-28 essays/papers are written throughout the course, all of them focused on a topic or prompt, all of them being graded on the essay's adherence to the topic/prompt, the essay's insightfulness, and the overall coherence and organization of the essay. Although fiction will be read, there is a large emphasis on non-fiction as well, the analysis of both occurring through a social, political (and sometimes economic) lens. Ultimately, the contents of this course will prepare the students for the AP Exam in May. 55% of the AP Exam's grade is derived from three timed essays and 45% of the AP Exam's grade is multiple choice questions. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course. **Summer Assignment MUST be completed.**

ADVANCED PLACEMENT LITERATURE & COMPOSITION

Course #1008

Grade Level: 12

Length: Year

Prerequisite: Placement determined by the student's previous English course performance (semester grades of B+ or higher are strongly recommended)

This course meets UC/CSU (B) and District graduation requirements for English credit. It is a one-year course consisting of literary analysis and writing at the collegiate level. There is NO summer assignment. It is a

one-year course for seniors who have demonstrated excellent academic competence in previous English courses. This course is an intensive study of various fictional genres, focusing on reading poetry, prose, and plays, and on demonstrating literary analysis through composition. Students will interact with literature by using collaborative techniques, visual and written interpretations, and sustained discussion groups. Students will also study works individually, analyzing diction, syntax, characters, themes, and the author's purpose. Students will consider the structure, meaning, and value of the work and its relationship to the times in which it was written as well as the relationship to contemporary times. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course. **There is NO summer assignment.**

ADVANCED PLACEMENT STATISTICS

Course #2410

Grade Level: 12*

Length: Year

Prerequisite: Grade of B or better in Math III or Advanced Math III.

This course meets UC/CSU (C) and District graduation requirements for math credit. This course is designed to provide students with an extensive and advanced study of the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The AP Statistics course is built around four main concepts: exploring data, planning a study, probability as it relates to distributions of data, and inferential reasoning. A major research project and preparation for the AP exam is required. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

*Eleventh-grade students enrolling in this course must be concurrently enrolled in Pre-Calculus or higher.

AP COURSES 2024/2025 (continued)

ADVANCED PLACEMENT PRECALCULUS

Course #2352

Grade Level: 11-12

Length: Year

Prerequisite: By placement only

This course meets UC/CSU (C) and District graduation requirements for math credit. This course combines many of the trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus and strengthens their conceptual understanding of problems and mathematical reasoning in solving problems. This course is designed to prepare students for the AP Precalculus exam. This course expands on concepts learned in Math III and introduces new concepts such as polar functions, parametric functions, vectors, and matrices. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

ADVANCED PLACEMENT CALCULUS AB

Course #2400

Grade Level: 11-12

Length: Year

Prerequisite: By placement only

This course meets UC/CSU (C) and District graduation requirements for math credit. This course includes the study of limits, continuity, differentiation, applications of differentiation, integration, and applications of integrations. Definitions and theorems are rigorously explored and used to solve problems that require the use of these concepts. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

ADVANCED PLACEMENT CALCULUS BC

Course #2405

Grade Level: 11-12

Length: Year

Prerequisite: By placement only

This course meets UC/CSU (C) and District graduation requirements for math credit. This course includes the study of the derivative and integral to include analysis of plane curves given in parametric, polar and vector form; solving differential equations, including separable differential equations, logistic differential equations, and Euler's method; integration by parts and using simple partial fractions; finding the length of a plane curve including curves given parametric form; the concept of series including types of series and convergence tests; Taylor series including polynomial approximation, power series, interval of convergence and Lagrange error for Taylor polynomials. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

ADVANCED PLACEMENT BIOLOGY

Course #3031

Grade Level: 11-12

Length: Year

Prerequisite: Grade B or better in Biology and Chemistry with teacher approval

This course meets UC/CSU (D) laboratory science and District graduation requirements for science or elective credit. AP Biology is a rigorous course designed to be the equivalent of a college introductory Biology course usually taken by Biology majors as a college freshmen. The aim of the course is to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of Biology. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

AP COURSES 2024/2025 (continued)

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Course #3103

Grade Level: 10-12

Length: Year

Prerequisite: Completion of Biology and Algebra 1 and a co-current enrollment or completion of Chemistry with grades of B or better

This course meets UC/CSU (D) physical science and District graduation requirements for science or elective credit. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the inter-relationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. A minimum of 20% of class time will be devoted to laboratory experiences. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

ADVANCED PLACEMENT CHEMISTRY

Course #3528

Grade Level: 11-12

Length: Year

Prerequisite: Grade B or better in Biology and Chemistry, successful completion of Alg II/Trig and teacher or Department Chair approval

This course meets UC/CSU (D) physical science laboratory and District graduation requirements for physical science credits. The course covers the quantitative/qualitative study of elements, compounds and molecules, basic laws of chemistry, chemical bonds, chemical reactions, chemical equations and stoichiometry, chemical kinetics, equilibrium, electrochemistry, and acid-base theories. At least 20% of the course will focus on laboratory activities. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

ADVANCED PLACEMENT PHYSICS

Course #3531

Grade Level: 11-12

Length: Year

Prerequisite: Grade B or better in Chemistry with concurrent enrollment in Pre-Calculus, Math Analysis or higher or teacher approval

This course meets UC/CSU (D) and District graduation requirements for science or elective credit. Advanced Placement Physics is a rigorous course designed to be the equivalent of a college introductory Physics course that is usually taken by non-calculus-based Physics majors. The focus is to provide students with a broad conceptual background in Physics and the necessary problem-solving skills to apply those concepts in practical situations. This course is a laboratory-based course with an emphasis on practical hands-on experience. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

ADVANCED PLACEMENT HUMAN GEOGRAPHY

Course #1918

Grade Level: 9-12

Length: Year

Prerequisite: Teacher approval

The course meets UC/CSU (A) and District graduation requirements for social science or elective credit. It also meets the requirement for World History credit. AP Human Geography is a yearlong course that focuses on the distribution, processes, and effects of human populations on the earth. Unit topics that will be covered include population, migration, culture, language, religion, gender, ethnicity, political geography, economic development, industry, agriculture, and urbanization. Students will be able to: interpret maps and analyze geospatial data; understand and explain the implications of associations and networks among phenomena in places; recognize and interpret the relationships among patterns and processes at different scales of analysis; define regions and evaluate the regionalization process; characterize and analyze changing interconnections among places. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

AP COURSES 2024/2025 (continued)

ADVANCED PLACEMENT WORLD HISTORY

Course #1503

Grade Level: 10-12

Length: Year

Prerequisite: Approval of Instructor

This course meets UC/CSU (A) and District graduation requirements for history or elective credit. AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present. Students will apply historical-critical thinking skills. There are five themes within AP World History: the environment, cultures, state-building, economic systems, and social structures that provide areas of historical inquiry for investigation throughout this course. AP World History encompasses the history of the five geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

ADVANCED PLACEMENT U.S. HISTORY

Course #1601

Grade Level: 11

Length: Year

Prerequisite: Teacher approval

This course meets UC/CSU (A) and District graduation requirements for history or elective credit. Advanced Placement U.S. History is designed to be a survey course on American History. Students will demonstrate their understanding, assimilation, and utilization of historical knowledge, opinions, conclusions, and techniques gained through a range of direct, cooperative, and inquiry approaches. The students will examine and master major turning points in the shaping of American history from 1608 to the present. A heavy emphasis will be placed on timed essay writing. Regular after-school seminars will be held throughout the year. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

ADVANCED PLACEMENT GOVERNMENT

Course #1701

Grade Level: 12

Length: Year

Prerequisite: Teacher approval

This course meets UC/CSU (A) and District graduation requirements for history or elective credit. This course gives an analytical perspective of government and politics in the U.S. and involves the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with various institutions, groups, beliefs, and ideas that constitute the reality of U.S. politics. This course encompasses the study of general concepts used to interpret the key political relationships found in virtually all national politics. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

ADVANCED PLACEMENT MACROECONOMICS

Course #1705

Grade Level: 11-12

Length: Year

Prerequisite: A grade of C or higher in Algebra II

This course meets UC/CSU (G) and District graduation requirements for government/economics or elective credit. This course provides students with a thorough understanding of macroeconomics that applies to economic systems as a whole, emphasizing the study of national income and price determination. This course develops a student's familiarity with economic performance measures, economic growth, and international economics. This is a graph-intensive course and requires a basic understanding of how to read graphs and charts. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

AP COURSES 2024/2025 (continued)

ADVANCED PLACEMENT MICROECONOMICS

Course #1712

Grade Level: 12

Length: Year

Prerequisite: A grade of B or better in Algebra II

This course meets UC/CSU (G) and District graduation requirements for government/economics or elective credit. The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision-makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy.

It will cover both microeconomic and macroeconomic theory. This Microeconomics course is a more advanced class than A.P. Macroeconomics, and at the end of the year students will be able to take both the Micro and Macro AP exam. Students with strong math backgrounds are encouraged to take this class. Also, anyone who has taken A.P. Macroeconomics may take this class. This class will fulfill both the Economics and Government graduation requirement. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

ADVANCED PLACEMENT PSYCHOLOGY

Course #1890

Grade Level: 10-12

Length: Year

Prerequisite: Teacher approval

This course meets UC/CSU (G) and District graduation requirements for elective credit. The course will explore current theories in areas such as personality, development, learning, perception, and abnormal psychology, as well as cover the classic theorists and their contributions to the field. Brain research and behavior will also be studied. Students will engage in hands-on experiments that will demonstrate concepts discussed throughout the year. Assessment procedures will include performance-based and conventional assessments. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Students who do not take the AP exam will be ineligible to receive college credit for the course.

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

Course #7571

Grade Level: 9-12

Length: Year

Prerequisite: Concurrent enrollment or successful completion of Math I/Algebra I and teacher approval

This course meets UC/CSU (D) and District graduation requirements for science credit. AP Computer Science Principles (AP CSP) is the introductory course in the Information & Computer Technology CTE Pathway. This course introduces students to the foundations of modern computing. AP CSP covers a wide range of foundational topics such as programming, algorithms, the internet, big data, digital privacy/security, and societal impacts. This course is unique in that it focuses on fostering student creativity and applying creative processes when developing computational artifacts. Students design and implement innovative solutions using an interactive process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life. AP CSP is designed to be an entry-level class equivalent to a first-semester introductory college computer science course. Students will use computational tools to analyze and study data while working with large data sets to analyze, visualize, and draw conclusions from trends. Students will also develop effective communication and collaboration skills. In addition, students will work individually and in peer groups to discuss and solve problems, write of the importance and impact of technology on their community, society, and the world. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

AP COURSES 2024/2025 (continued)

ADVANCED PLACEMENT SPANISH LANGUAGE

Course #4130

Grade Level: 10-12

Length: Year

Prerequisite: Grade B or better in Spanish III, IV or Spanish for Spanish Speakers II, teacher approval

This course meets UC/CSU (E) and District graduation requirements for a language other than English credit.

The Advanced Placement Spanish language course seeks to develop language skills – listening, speaking, reading, and writing - that apply to many subject areas rather than any single subject matter. The AP course includes the study of the Spanish-speaking countries, people, and culture, inherent in the study of any language.

Furthermore, the course will include a systematic review of the basic points of grammar and verb conjugations with emphasis on areas where Spanish and English conflict. The finer grammatical points that contribute to an increased ability to write and speak correctly, with minimal interference from the English language will also be addressed. Students can expect to spend an additional 4-5 hours per week outside of class on homework, review, research and/or practice. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

ADVANCED PLACEMENT SPANISH LITERATURE

Course #4133

Grade Level: 11-12

Length: Year

Prerequisite: Grade B in Spanish IV or Grade C or better in AP Spanish Language, teacher approval

This course meets UC/CSU (E) and District graduation requirements for a language other than English credit.

This course prepares students to develop proficiency by analyzing and interpreting literary texts in Spanish. AP Spanish Literature places an emphasis on reading literature, thematic poetry, and text analysis. It also emphasizes the composition of Spanish essays on a variety of literary topics requiring critical thinking, comparisons, and contrasts. This AP course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. It is not mandatory for students to take the AP exam, however, students who choose to not take the exam will not be eligible to receive college credit for the course.

DUAL ENROLLMENT

What is Dual Enrollment?

Dual Enrollment (DE) allows current high school students the opportunity to enroll in dual-credit courses, expand student access to affordable higher education, and provide challenging academic and occupational experiences to qualified high school students during their junior and senior years. Dual Enrollment allows students and families to decrease the cost of college education.

Why Take Dual Enrollment Courses?

Successful completion of Dual Enrollment courses will enable students to simultaneously earn college credit transferable to two- and four-year colleges/universities and satisfy high school graduation requirements. Successful completion of occupational courses will allow students to simultaneously earn college credits, satisfy high school graduation requirements, and assist in the transition to community college or job opportunities or careers. The MSJC Process for all students to apply is the following:

- All students must be matriculated (11th/12th grade student) (online application and orientation)
- Submit a Student-Parent Agreement form on VMHS campus in both Spring and Fall semesters
- Students are recommended to have a 3.0 GPA

The student is responsible for completing the college registration process, which includes the completion of an application for admission, and completing an online orientation session. This process must be completed before VMHS staff meets with MSJC staff to register students in Dual Enrollment courses and submitting a MSJC student parent agreement form in May/June of each year. Students are also responsible for enrolling themselves in the proper courses online through their MSJC Self-Service account. Instructions are provided to students prior to scheduled enrollment dates.

Proposed 2024-2025 DE Course Offerings:

English 101 Freshman Composition
English 103 Critical Thinking
Math 105 College Algebra
Math 110 Pre-Calculus
HS-121 Healthful Living

Psych 101 Introduction to Psychology
BIO 134 Human Heredity & Evolution
History 111 US History to 1877
History 112 US History Since 1865
Political Science 101

Students have an opportunity to earn 28 or more transferable college units along with high school requirements (3-4 units = 10 high school credits)

*For more information about the Dual Enrollment program please contact counselors:
Mrs. Candaele or Mr. Peterson.*

DUAL ENROLLMENT (continued)

Program Guidelines

- Dual enrollment courses are governed by the policies and regulations of Mt. San Jacinto College District (MSJCD) and the Murrieta Valley Unified School District (MVUSD). These policies, regulations and standards apply to students, faculty, staff, instructional procedures, academic standards, and course offerings, whether courses are offered at the college campus, at off-campus sites, including distance learning and internet, or at secondary schools.
- High school students who enroll in dual-credit courses taught at the high school will not be charged tuition, however, there are minor fees associated with taking these courses.
- All high school students must be fully matriculated to Mt. San Jacinto College (MSJC) prior to taking college courses (application and orientation).
- High school students who enroll in dual-credit courses taught at the high school will not be charged tuition, however, there are minor fees associated with taking these courses
- MVUSD will provide all books and materials associated with the courses the student is enrolled in.
- Student/Parent Agreement Contracts will be collected from each high school student participating in the dual-credit program and submitted as a group packet by the designated coordinator at the participating high school.
- A minimum enrollment of 12 students for dual-credit courses must be met to be taught at the high school.
- Academic advising will be the joint responsibility of the two institutions.
- Matters of discipline will be handled cooperatively between MSJC and the high school administrators.
- Matters of discipline will be handled cooperatively between MSJC and the high school administrators.
- A dual-credit course will be identified on both the college and high school transcript in the standard format and will not be identified as dual-credit.
- Dual enrolled students will have access to MSJC services, i.e., library, tutoring, student I.D. cards.
- In courses with limited capacity, students will be accepted based upon grade level, GPA, and if needed a lottery.

Dual Enrollment students taking academic transfer courses must complete the MSJC matriculation process, which includes applying for admission to MSJC, and an online orientation. It is recommended that students have a cumulative 3.0 GPA.

DUAL ENROLLMENT COURSES 2024/2025

Dual Enrollment Courses 2024/2025

**M.S.J.C & MVUSD combined resources and are
NOW offering college courses on VMHS
campus!**

MSJC DUAL ENROLLMENT

ENGL 101: FRESHMAN COMPOSITION - 4 units

Course #1080

Grade Level: 12

Length: Semester

Prerequisite: MSJC matriculation. 2.6 GPA (3.0 GPA recommended)

This course meets UC/CSU (B) and District graduation requirements for English credit. This course provides instruction in writing academic analytic essays. Students will learn to interpret and respond to sources analytically, conduct academic-level research, and incorporate those sources into research papers. With successful completion, students will receive four (4) units of college credit. This course is UC/CSU transferable; meets Area 1A on IGETC and Area A2 on CSU-GE. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC DUAL ENROLLMENT

ENGL 103: CRITICAL THINKING & WRITING - 3 units

Course #1081

Grade Level: 12

Length: Semester

Prerequisite: MSJC matriculation. ENGL-101 with a grade of C or better or AP English Language exam score of three or higher

This course meets UC/CSU (B) and District graduation requirements for English credit. Students will receive three (3) units of college credit through continuing practice in analytical writing begun in English 101. This course develops critical thinking, reading, and writing skills as they apply to the analysis of written texts (literature and/or nonfiction) from diverse cultural sources and perspectives. The techniques and principle of effective written arguments as they apply to the written text will be emphasized. Some research is required. This course is not intended for Biology majors.

This course is UC/CSU transferable; meets Area 1B on IGETC and Area A3 on CSU-GE. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC DUAL ENROLLMENT

MATH 105: COLLEGE ALGEBRA - 4 units

Course #2465

*Grade Level: 10-12**

Length: Semester

Prerequisite: MSJC matriculation. 10th grade: completion of Advanced Math II with a grade of A and teacher recommendation. 11th grade: Completion of Math III or Advanced Math III with a grade of C or better.

This course meets UC/CSU (C) and District graduation requirements for math credit. This course covers graphing of polynomial, rational, and transcendental functions, and conic sections; solving of polynomial, rational, exponential, and logarithmic equations, and related applications; solving of systems of linear equations utilizing determinants, function theory including notation, combination, and composition as well as existence and formulation of inverses, sequences and the Binomial Theorem. With successful completion, students will receive four (4) units of college credit. This course is UC/CSU transferable; meets Area 2A on IGETC and Area B4 on CSU-GE. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

**Space permitting, tenth-grade students may apply if they are completing Algebra II or above and assess in Math 105.*

DE COURSES 2024/2025 (continued)

MSJC DUAL ENROLLMENT

MATH 110: PRE-CALCULUS - 4 units

Course #2466

Grade Level: 10-12

Length: Semester

Prerequisite: MSJC matriculation. MATH 105 grade of C or better

This course meets UC/CSU (C) and District graduation requirements for math credits. This course is designed to prepare students for calculus. The topics covered include a review of selected algebra topics: polynomial, rational, exponential, logarithmic functions, conic sections, and sequences and series. This course also introduces students to new topics in analytic trigonometry: trigonometric functions and their graphs and applications. With successful completion, students will receive four (4) units of college credit. This course is UC/CSU transferable; meets Area 2A on IGETC and Area B4 on CSU-GE. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC DUAL ENROLLMENT BIO 134: HUMAN HEREDITY AND EVOLUTION - 3 Units

Course #3024

Grade Level: 11-12

Length: Semester

Prerequisite: MSJC matriculation and a B or better in Biology

This course meets UC/CSU (D) and District graduation requirements for science or elective credit. This is an introductory course in basic human genetics and evolution. This course introduces students to central theories of the biological sciences using the chemical and biological aspects of human genetics as its main theme. In addition, students are introduced to the political, philosophical, and ethical implications of human heredity and evolution. This course is not intended for Biology majors. With successful completion, students will receive three (3) units of college credit. This course is UC/CSU transferable; meets Area 5B on IGETC and Area B2 on CSU-GE. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC DUAL ENROLLMENT PSYCHOLOGY 101: INTRODUCTION TO PSYCHOLOGY - 3 Units

Course #1895

Grade Level: 11-12

Length: Semester

Prerequisite: MSJC matriculation and an appropriate assessment test score of English 098

This course meets UC/CSU (D) and District graduation requirements for science or elective credit. This course is designed to introduce students to the core themes of introduction to psychology, the scientific study of behavior and mental processes in context. Contemporary theories and research methods will be explored. Topics will range from the study of learning cognitive principles to brain physiology and psychopathology. The aim of this course is to promote the intellectual development of students by broadening their understanding of the fundamental aspects of human behavior and cognitive processes. With successful completion, students will receive three (3) units of college credit. The course is UC/CSU transferable; meets Area 4I on IGETC and Areas D9, E1 on CSU-GE. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC DUAL ENROLLMENT HISTORY 111: US HISTORY TO 1877 - 3 Units

Course #1505

Grade Level: 11-12

Length: Semester (first course in two-course sequence)

Prerequisite: MSJC matriculation

This course meets UC/CSU (A) and District graduation requirements for social science or elective credit. A survey course that explores political, social, economic, and intellectual developments in the United States from colonization and settlement through the Civil War and Reconstruction. With successful completion, students will receive three (3) units of college credit. The course is UC/CSU transferable; meets Areas 3B and 4F on IGETC, Area D6 on CSU-GE, and satisfies U.S. History, and American Ideals graduation requirements through the CSU system. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

DE COURSES 2024/2025 (continued)

MSJC DUAL ENROLLMENT HISTORY 112: US HISTORY SINCE 1865 - 3 Units

Course #1515

Grade Level: 11-12

Length: Semester (second course in two-course sequence)

Prerequisite: MSJC matriculation

This course meets UC/CSU (A) and District graduation requirements for social science or elective credit. History 112 is a survey course that explores political, social, economic, and intellectual developments in the United States from the end of the Civil War to the current period. With successful completion, students will receive three (3) units of college credit. The course is UC/CSU transferable; meets Area 4F on IGETC and Area D6 on CSU-GE. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC DUAL POLITICAL SCIENCE 101: INTRODUCTION TO AMERICAN GOVERNMENT AND POLITICS - 3 Units

Course #1703

Grade Level: 12

Length: Semester

Prerequisite: MSJC matriculation

This course meets UC/CSU (A) and District graduation requirements for government/economics credit. This course is an introduction to the politics, principles, theories, and practices of the governments of the United States and California. With successful completion, students will receive three (3) units of college credit. Transfers to both UC/CSU. This course is an introduction to the politics, principles, theories, and practices of the governments of the United States and California. This course will fulfill your high school Gov/Econ requirement. This course is UC/CSU transferable; meets Area 4H on IGETC and Area D8 on CSU-GE. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC DUAL ENROLLMENT HEALTH SCIENCE HS-121: FUNDAMENTALS OF HEALTHFUL LIVING - 3 Units

Course #8077

Grade Level: 11-12

Length: Semester

Prerequisite: MSJC matriculation

This course meets District graduation requirements for health credits. This course offers a comprehensive overview of human health from a multidimensional perspective: physical, psychological, social, spiritual, intellectual, and environmental health. It provides students with an opportunity to learn about the maintenance and improvement of their health and wellness. Topics include psychological health/problems, stress management, physical fitness, nutrition, substance use and abuse, infectious/noninfectious diseases, cancer, cardiovascular disease, reproductive health, relationships, human sexuality, health and wellness related to the human lifecycle, and environmental health issues. With successful completion, students will receive three (3) units of college credit. This course is UC/CSU transferable; meets PHS100 on C-ID and Area E1 on CSU-GE. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC (ANNEX) HISTORY 103: WORLD HISTORY TO 1500 - 3 Units

Course #: See counselor

Grade Level: 10-12

Length: Semester.

Prerequisite: MSJC matriculation

History 103 is the first course in a two-course sequence. Students must take both History 103 and 104 to meet District and State requirements. This course is a survey of ancient history that explores the origin and development of human societies in the Near East, India, Asia, Africa, the Americas, and Europe. Using a comparative approach to study the world's major civilizations, students will examine their social structure and daily life, political systems, economic development, and cultural values. With successful completion, students will receive three (3) units of college credit. This course is UC/CSU transferable; meets Areas 3B, 4F on IGETC and Areas C2, D6 on CSU-GE. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

DE COURSES 2024/2025 (continued)

MSJC (ANNEX) HISTORY 104:

WORLD HISTORY SINCE 1500 - 3 Units

Course #: See counselor

Grade Level: 10-12

Length: Semester. History 103 is the second course in a two-course sequence.

Prerequisite: MSJC matriculation

Students must take both History

103 and 104 to meet District and State requirements.

This course is a survey of the modern world from 1500 to the present. Using a comparative approach, students will examine interconnections between major European, Middle Eastern, African, South American, North American, and Asian cultures and will explore social structure and daily life, industrialization, colonization, cultural development, revolutions and protests, and independence movements. Emphasis will be placed on structures, values, and inter-relationships. This course is UC/CSU transferable; meets Areas 3B, 4F on IGETC and Areas C2, D6 on CSU-GE. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC (ANNEX) DANCE 100:

HISTORY AND APPRECIATION OF DANCE - 3 units

Course #: See counselor

Grade Level: 11-12

Length: Semester

Prerequisite: MSJC matriculation

This course explores the universal human activity known as dancing from a cross-cultural perspective, examining the myriad ways in which dance functions in societies. The histories, theories, techniques, and purposes of various theatrical, religious, and social dances from around the world are compared, contrasted, and interrelated. The culture-specific nature of the dancing body and its audiences are analyzed to discover the meanings carried within these dances. This course is UC/CSU transferable; meets Areas 3A, 3B on IGETC and Areas C1, C2 on CSU-GE. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC (ANNEX) SOCIOLOGY 101:

PRINCIPLES OF SOCIOLOGY - 3 Units

Course #: See counselor

Grade Level: 11-12

Length: Semester

Prerequisite: MSJC matriculation

This course encompasses the scientific study and concepts, theoretical perspectives, research methods and observation of human societies, and social institutions. Students will develop the ability to understand and apply sociological concepts and theories to everyday life. The evaluation and analysis of social institutions, domestic and global social systems and dynamics, social structures, socialization, group dynamics, social stratification, society, the self, social movements, and social change are topics in this course. This course is UC/CSU transferable; meets Areas 4J on IGETC and Area D0 on CSU-GE. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

MSJC (ANNEX) CSCR 100:

COLLEGE SUCCESS AND CAREER READINESS - 3 units

Course #: See counselor

Grade Level: 11-12

Length: Semester

Prerequisite: MSJC matriculation

This course is a College Success course that prepares students for college expectations. It is a required course for students in the MSJC Promise Program and the First-year Experience Program. This course is designed to empower students with effective strategies for making wise choices in three areas: personal, academic, and career pathways. The course focuses on a strong clear reason for staying in school, more ability to cope with the challenges of transitioning into a new life, educational planning, learning styles, campus resources, and effective strategies for personal health and wellness. This course is UC/CSU transferable; meets Area E1 on CSU-GE. This DE course uses the traditional grading scale of A, B, C, D, and F. Final semester grades of C and above receive an additional grade point. Grades of D's and F's do not. Extra grade weight is only offered to those taking Dual Enrollment courses on the VMHS campus.

COLLEGE & CAREERS



CALIFORNIA
COLLEGES .edu
DISCOVER. PLAN. LAUNCH.

California Career Guidance System and Support Links

www.californiacolleges.edu

Vista Murrieta's guidance program offers multiple methods to assist you with college and career planning. We will help you develop goals throughout each year. Our program is designed to guide and engage you. Through the California Colleges Guidance Online System to help ensure that you progress in your postsecondary planning. Each grade level receives guidance lessons within lab and classroom settings. We aspire to meet two or more milestones each year to assist you in building a progressive academic and career plan.

Following the proven principles of career planning, our program and resources offer you structured experiences with learning more about yourself, numerous career occupations, matching education and training schools, and career pathways. Listed below are key efforts to develop your plans for your future.

Career Planning Steps:

- Career Assessments: Interests, work values, abilities, skills, and experience.
- Explore matching and related occupations, career clusters (similar occupations), and industries offering those occupations.

College, Education, and Training Searches:

- University of California and California State Universities
- Private universities/colleges and universities/colleges outside of California
- California Community colleges, and vocational colleges/schools
- Military Branches
- Learn to match "programs of study and college majors" with your colleges and schools.
- Create a financial plan exploring the many forms of paying for college and training.

Design an Action Plan:

- Develop and revise your four-year high school plan including goals and meeting A-G.
- Review and select the courses matching your goals.
- Meet with your counselor for assistance and resources.

Web Resources

www.vmhs.net click on the Counseling Tab and then your grade level, scroll through the guidance events for that year, and use the numerous career and college-related support links at each grade level.

ATTENTION STUDENT-ATHLETES

CALIFORNIA INTERSCHOLASTIC FEDERATION
CIF Southern Section
Academics/Integrity/Athletics

ELIGIBILITY RULES (CONDENSED)

STUDENTS, TO PROTECT YOUR ATHLETIC ELIGIBILITY YOU MUST:

- Be under nineteen years of age prior to June 15
- Have reached the ninth grade
- Participate in no more than four seasons of the same sport after enrolling in the ninth grade Be scholastically eligible
- File an Application for CIF Clearance if you attended a different school within the last 12 months Not be in your ninth semester of attendance since entering the ninth grade
- Meet citizenship requirements
- Maintain amateur standing
- Not have participated in any tryout for a professional team
- Maintain in your school files a yearly physical examination certifying that you are physically fit to try out and/or participate in athletic activities

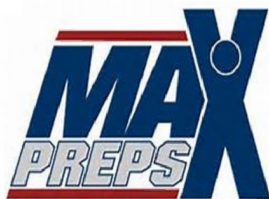
AND YOUR ELIGIBILITY IS SUBJECT TO SPECIAL RULES

- Competition with an outside team during your high school season in the same sport is prohibited.
- If you transfer from one school to another within the last 12 months documentation must be collected and filed in the athletic office.

YOU ARE URGED TO CHECK IN WITH THE ATHLETIC DIRECTOR OR COACH IF YOU HAVE ANY QUESTIONS REGARDING YOUR ELIGIBILITY. COMPETING WHEN YOU ARE NOT ELIGIBLE COULD SUBJECT YOUR TEAM TO FORFEITURE! IF YOU ARE IN DOUBT AS TO YOUR ELIGIBILITY STATUS - CHECK IT OUT!



2008-2009
& 2009-2010
Max Preps
Most Spirited School
in the Nation!
Two years in a row!



CIF CHAMPION

SCHOOL OF CHARACTER AWARD

The CIF School of Character Award honors VMHS for the way in which our student-athletes play the game, the way our coaches coach, and the manner in which our fans (which includes students, staff and community) support our teams.

The Broncos have earned back-to-back Character Awards for 2006 and 2007, and for 2010 and 2011!

This achievement is truly the culmination of Bronco C.L.A.S.S. which is practiced each day by every member of the Bronco family in the classroom, during competitions and in the community.



NCAA Division I or Division II Initial Eligibility Requirements

Initial full-time Collegiate Enrollment

- Sixteen (16) core courses are required (see list below for subject area requirements)
- For Division 1 only: Ten (10) core courses completed before the seventh semester, seven (7) of the 10 must be in English, Math, or natural/physical Science.
 - These courses/grades are “locked in” at the start of the seventh semester (cannot be repeated for grade point average, GPA, improvement to meet initial eligibility requirements for competition)
- *Students who do not meet core course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements.*

Core Grade Point Average:

- Only core courses that appear on the high school’s list of NCAA Courses on the NCAA Eligibility Center’s website (www.eligibilitycenter.org) will be used to calculate your core-course GPA.
- For Division 1, initial full-time collegiate enrollment: core course GPA is calculated using the best 16 core courses that meet both progression (10 before the seventh semester, seven in English, Math, or Science; “locked in”) and subject area requirements.

Test Scores

- In January 2023, NCAA Divisions I and II adopted legislation to remove standardized test scores from initial-eligibility requirements for all student-athletes who initially enroll full time on or after August 1, 2023. Check with the NCAA school you plan to attend regarding whether standardized test scores are necessary for admission or scholarship requirements.

DIVISION I

Core Course Requirement (16) with a 2.3 GPA

- 4 Years of English
- 3 Years of Mathematics
- 2 Years of natural/physical (1 year of lab if offered)
- 1 Year of additional English, Mathematics, or Natural/Physical Science
- 2 Years of Social Science
- 4 Years of additional courses (any area above, Foreign Language or Comparative religion/Philosophy)

DIVISION II

Core Course Requirement (16) with a 2.2 GPA

- 3 years of English
- 2 years of Mathematics (Math I or higher)
- 2 years of natural/ Physical Science (1 year of lab if offered)
- 3 years of additional English, Mathematics or Natural/ Physical Science
- 2 years of Social Science
- 4 years of additional courses (any area above, Foreign Language or Comparative religion/Philosophy)

ACTIVITIES, CLUBS, & SCHOLARS

PERFORMANCE GROUPS

Marching Band
 Concert Band
 Wind Ensemble
 Jazz Ensemble

Drum Line
 Color Guard
 Treble Ensemble
 Jazz Ensemble

Concert Choir
 Chamber Choir
 Dance Team

Drama Club
 Cheer Squad

ACTIVITIES & CLUBS

Vista Murrieta High School offers a variety of currently chartered clubs that are listed below. A Club Rush Day is held twice a year, at the beginning of the first semester and second semester. Students can meet members, speak to advisors and sign up if interested. New clubs may be formed if they meet school and District guidelines. Contact the Activities Director or the Activities Secretary if you wish to start a new club. Listen to or read the daily Bronco Banner for meeting dates, times and locations or check out the VMHS website at www.vmhs.net under the Activities tab.

4ever Karaoke Club
 A Helping Hand
 Alternative (Music & Fashion) Club
 Art Buttons S.S.
 Asian Student Union
 American Sign Language (ASL) Club
 AVID
 B.E.L.T. Broncos English Learners Tutors
 Badminton Club
 Ballet Folklorico
 Black Student Union
 Body & Mind Improvement
 Chess Club
 Christian Bible Study Club
 Class of 2025, 2026, 2027, & 2028
 California Scholarship Federation (CSF)
 Clay Club
 D.N.D. (Dungeons & Dragons)
 Dance Crew
 Dance Team
 Debate and Service Club

Drama Club
 Environmental Club
 F.C.A. Fellowship of Christian Athletes
 Fashion Club
 Fil-Am Club
 French Club
 Gay Straight Alliance (GSA)
 Haka
 Healthy Eating Club
 HOSA Health Occupations Innovation Club
 Interact Club
 Japanese Club
 JROTC Step Team
 Key Club
 K-Pop Club
 Latino Student Union
 Lego Club
 Marine Biology Club
 Math Club
 Medical Club

NASA
 NHS
 Ohana
 Pacific Island Club
 Pokemon Club
 Project Linus Club
 Roller Skating Appreciation Club Rugby
 Appreciation Club
 S.T.O.C. Save the Ocean Club SASA
 Science Olympiad
 Smash Bros Club
 Sports Med Club
 Spanish Club
 Sports Med Club
 Student Venture
 The Skillers Club
 The Trading Post
 Together WE Can: Changemakers
 Workability
 Yearbook

Each selected officer must have a 2.5 GPA for ASB or Senate or 2.0 GPA for any other club from the previous grading period.

CALIFORNIA SCHOLARSHIP FEDERATION (CSF)

The California Scholarship Federation is an organization which recognizes academic excellence. Membership is based on academic grades earned each semester. Students can apply for membership during the first three weeks of a semester, based on the previous semester's grades. Students must have a 3.5 GPA to apply. Membership is not possible with any D or F grades and is open to all students. If students qualify for four semesters (10th, 11th, and 12th grade years), they will graduate as a CSF Life Member. Six (6) semesters will qualify students to graduate as a 100% CSF member. CSF membership is not automatic, mandatory, or retroactive. Students must reapply at the beginning of each semester for which they are eligible. The club is actively involved in tutoring and community service and raising money for scholarships.

NATIONAL HONOR SOCIETY (NHS)

The National Honor Society (NHS) is the nation's premier organization established to recognize outstanding high school students. NHS honors those students who demonstrate excellence in the areas of scholarship, leadership, service, and character. Chapter membership recognizes students for their accomplishments, and challenges them to develop further through active involvement in school activities and community service. In order to apply to Vista Murrieta High School's NHS chapter, students must be in 10th or 11th grade, maintain a 3.85 GPA or higher, and exceed rigorous criteria involving character, leadership, public service and ethics. Once a member is accepted, the student must maintain their grade point average, pay annual chapter dues, attend weekly meetings, tutor their peers (minimum 20 hours each semester), participate in individual and group community service events, and participate in fundraising projects.

COMMUNITY SERVICE HOURS

REQUIREMENT FOR GRADUATION (MVUSD)

Vista Murrieta High School

28251 Clinton Keith Rd, Murrieta, CA 92563 (951) 894-5750

NAME _____ Class of _____

(Please print)

Community Service at Vista Murrieta High School is **40 clock hours of volunteer work**. Students may not work for a family member or for money or for credit. Community Service must be completed for a **non-profit organization**. It can be for more than one organization. An adult overseeing the service must sign the community service form.

HOURS WORKED	TYPE OF WORK	AGENCY WORKED FOR	DATE	SUPERVISOR'S SIGNATURE/ PHONE #

Supervisors: Please note your signature indicates compliance with our community service guidelines listed above.

TOTAL HOURS THIS PAGE _____

COUNSELOR'S SIGNATURE _____

RECORDED BY _____ Date _____





Early Release/Late Start Agreement

Student Name: _____ Grade: _____ Period(s) Requested: _____

- Junior students are only eligible for one period of Early Release or Late Start
- Senior students may take up to two periods of Early Release and/or Late Start
- Students with Early Release must follow school guidelines for arrival and departure
- Students must be current on graduation credits in order to be eligible for Early Release and/or Late Start
- Students must maintain a 2.0 GPA each semester, good behavior and acceptable attendance to remain eligible for Early Release and/or Late Start
- Students may lose Early Release/Late Start privilege if they have D or F grades on their progress report or semester grades.

The student will benefit from Early Release and/or Late Start for the following reason:
(Counselor completes this section)

The initials of both Parent/Guardian and Counselor are required below:

PARENT/
GUARDIAN COUNSELOR

_____ It has been determined that Early Release/Late Start will benefit the student.

_____ The Early Release/Late Start option does not provide the student with credits toward graduation.

_____ The student will not be assigned Early Release/Late Start unless all core class requirements have been met and the student is on track for graduation.

_____ The student will not be assigned Early Release/Late start due to insufficient course offerings during the relevant class period.

The signatures below indicate the student, parent/guardian and principal/assistant principal consent to and have determined that the student will benefit from Early Release/Late Start.

Student Name/Grade (PLEASE PRINT)

Student Signature

Parent/Guardian Name (PLEASE PRINT)

Parent/Guardian Signature

Counselor Signature

Date

Principal/Assistant Principal Signature

Date

BRONCO ALMA MATER

*Vista Murrieta, Broncos true,
We pledge our hearts and minds to you.
Pursuing victory with class,
Our pride in you will forever last.
As we raise our colors blue and gold,
We'll help our history to unfold.
As we gaze across our valley wide,
We'll blaze through life
with Bronco pride!*



28251 Clinton Keith Road, Murrieta, CA 92563 Phone: (951) 894-5750 Administration Fax: (951) 304-1832
The VMHS Course Catalog is also available on the Bronco Website at: <http://www.vmhs.net>.

C.L.A.S.S. ~ Character, Leadership, Attitude, Scholarship, Service