

MURRIETA MESA HIGH SCHOOL

Course Catalog

HOME OF THE RAMS



Purpose
Responsibility
Integrity
Duty
Excellence

Pursue Your Passion... Leave a Legacy

24801 Monroe Ave. Murrieta, CA 92562 (951) 677—0568
The MMHS catalog is also available on the school website @
www.murrieta.k12.ca.us/Domain/2117

The Murrieta Valley Unified School District is committed to equal opportunity for all individuals in education and in employment and does not discriminate on the basis of actual or perceived ancestry, age, color, disability, gender, gender identity, gender expression, nationality, immigration status, race or ethnicity, religion, sex, sexual orientation, pregnancy, parental/marital or family status, primary language, medical condition, genetic information, or association with a person or group with one or more of these actual or perceived characteristics. The Board prohibits unlawful discrimination, harassment, intimidation, and bullying of any student at any district, school, or school activity based on the protected characteristics above.

(MVUSD AR/BP 1312.3, AR/BP 4030 , AR 4031, AR/BP 5145.3, BP5146, BP5131.2)



REGISTRATION INSTRUCTIONS

1. Discuss course selections with parents/guardians, counselors and teachers to ensure that the course selection form is filled out accurately and completely. Parent/guardian must sign the course selection form.
2. Do not lose this booklet and course selection form. The course selection form describes your possible classes for next year.
3. Make sure the course numbers are accurate and that you write or print legibly.
4. Course selections are subject to instructor and space availability. Please list the maximum number of necessary elective choices on the course selection form.
5. Specialized classes (i.e. Leadership, Newspaper, Yearbook, Drama, Choir, Band, Cheerleading, Athletics, PLUS, AVID and some CTE courses) or any class that requires an application, try-out, audition, or interview, must have a signature from the appropriate teacher or advisor. Indicate elective selections on your form and put a notation that you have applied for a specialized course/program. Information about these specialized courses/programs will be distributed later in the school year and any necessary changes to your schedule can be made at that time.
6. Elective courses consist of one year-long course. Please refer to the course catalog for course prerequisites. Students must take year long UC/CSU approved courses to meet UC/CSU entrance requirements.
7. Students with an Individualized Education Plan will have their schedule developed through the IEP process/case carrier.
8. Course selection at MMHS will be done completely through Aeries Grade Portal. <http://aeriesnet.murrieta.k12.ca.us/> Students must have an activated student account. If students need an authorization code, they need to go to student services to obtain a code. Course selection information and instructions will be given once the student is logged onto Aeries Grade Portal which is on the MMHS web page.
<http://www.murrieta.k12.ca.us/Domain/2117>
9. Students must have their forms completed and ready to turn in when they meet with their counselor.

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MMHS Graduation Requirements for Diploma		Minimum Eligibility Requirements for University Admission (refer to the UC a-g list on page 6 for all courses)	
		California State University	University of California
English	4 Years 40 Credits	4 Years	4 Years
Math	3 Years 30 Credits Math I Required	3 Years Math I, Math II, & Math III	2 Years required / 4 Years recommended Math I, Math II, Math III, & any advanced math courses
Science	3 Years 30 Credits (1 yr Life) (1 yr Physical) (1 yr Additional)	2 Years of lab science required Biology, Chemistry	2 Years required / 4 Years recommended Biology, Chemistry, & any advanced science courses
Social Science / History	3 Years 30 Credits (1 yr World History) (1 yr U.S. History) (1 yr Gov / Econ)	2 Years World History and U.S. History	2 Years World History and U.S. History
World Languages	1 Year 10 Credits	2 Years of the same World Language	2 Years required / 3 Years recommended of the same World Language
Visual / Performing Arts	1 Year 10 Credits	1 Year of the same UC approved Visual/Performing Arts & refer to the UC a-g list (page 5)	1 Year of the same UC approved Visual/Performing Arts & refer to the UC a-g list (page 5)
Physical Education	2 Years 20 Credits	Not required	Not required
Health / ICT Career / Literacy	1 Semester 1 Semester 10 Credits		
Electives	50 Credits	Academic Electives: refer to the UC a-g course list (page 5)	1 Year recommended from the UC a-g course list (page 5)
Total	230 Credits		

1. MMHS Graduation requirements: Successfully complete and pass 230 credits as indicated above.
2. Perform Community Service: Students must complete 40 hours of volunteer work in approved non profit community service projects/programs. Students are encouraged to exceed the 40 hours minimum requirement in an area of particular interest.
3. Demonstrate Proficiency in Math I: Math I is a graduation requirement. In order to advance to Math II, students must demonstrate proficiency in Math I.
4. Successfully Complete a Senior Culminating Project: Students must successfully complete a reflective essay and an oral exit interview presentation on personal, career and life goals that exhibits the students creative ability, critical thinking and communication skills and demonstrate a clear understanding of the essential processes needed to achieve their career and life goals.

NOTE: Colleges and universities do not recognize 'D' grades. Courses with 'D' grades will need to be repeat-ed for a higher grade. Check with your college or university for specific entrance requirements

DISTRICT APPROVED COLLEGE PREPARATORY COURSES

OFFERED AT MURRIETA MESA

The following courses meet University of California admission requirements

(a) HISTORY

Modern World History
AP European History
AP World History
US History
AP US History
US Government (sem.)
AP Government/Politics
AP Human Geography

(b) ENGLISH

English I
English I Intensive
English II Intensive
Advanced English I
English II
Advanced English II
English III
English IV
Expository Reading and Writing 11
CSU Expository Reading and Writing 12
AP English Language and Composition
AP English Literature and Composition

(c) MATHEMATICS

Integrated Math I
Integrated Math II
Integrated Math III
Adv. Integrated Math I
Adv. Integrated Math II
Adv. Integrated Math III
Advanced Algebra with Financial Applications
MRWC (Math IV “Pre-Calculus”)
Probability and Statistics
AP Statistics
AP Calculus AB
AP Calculus BC
Dual Math 105 College Algebra
Dual Math 110 Pre-Calculus

(d) LABORATORY SCIENCE

College Biology 134
CP Biology
Medical Biology
Chemistry
Medical Chemistry
Anatomy and Physiology Advanced
Adv. Biomedical Science
Physics

AP Biology
AP Chemistry
AP Environmental Science
AP Physics 1
AP Computer Science Principles

(e) WORLD LANGUAGES

American Sign Language I
American Sign Language II
American Sign Language III
American Sign Language IV
French I
French II
Dual French 101
Dual French 102
Spanish for Spanish Speakers I
Spanish for Spanish Speakers II
Spanish I
Spanish II
Spanish III
AP Spanish Language and Culture
AP Spanish Literature and Culture

(f) VISUAL AND PERFORMING ARTS

Advanced Dance
Choreography/Production
Choir I
Choir II
Choir III
Advanced Concert Orchestra
Advanced Drawing and Painting
Advanced Marching/Concert Band
AP Studio Art
AP Art History
Art I and Design
Ceramics I
Ceramics II
College Music 100
Dance I
Dance II
Drama I
Drama II
Drama III
Drama IV
Graphic Design I (Intro to Digital Graphics)
Graphic Design II (Computer Graphics)
Intro to Design I
Intro to Design II

NJROTC Competition Drill I
Multimedia I, II, III
Wind Ensemble
Guitar
Tech Theater
Yearbook Design

(g) ELECTIVE COURSES [Advanced courses listed on a school's “a-g” course list in the “a-f” areas that are above and beyond the minimal requirements for that subject area (e.g.; Pre-Calculus, Spanish III, Wind Ensemble), may also be used by a student to fulfill the elective requirement]

AVID Senior Seminar
AVID 9,10,11,12
Cinema as Literature
Earth Science
Economics (sem.)
Environmental Horticulture
Environmental Science
Ethnic Studies (sem.)
Intro to Design I
Intro to Design II
AP Macroeconomics
Marine Biology
Multimedia II
Multimedia III
Principles of Engineering
Psychology
AP Psychology
RCOE Culinary Management
Robotics Technology I
Yearbook
Senate
USB
AP Computer Science Principles
AP Research
AP Seminar

****Please refer to the UC website for further information: <https://doorways.ucop.edu>**



Course Information

Selecting appropriate courses for future goals is important. In planning for college, specific courses must be included to meet entrance requirements. Entering a particular career immediately after high school graduation may require preparation in other courses. After consulting with parents, counselors, and teachers, students should take time to make final choices.

1. Prerequisites

Many courses have a prerequisite or requirement that must be met prior to enrolling in that course. Students should check carefully to see that prerequisites for courses have been met and that courses are in the proper sequence.

2. Course Availability

Course selections are subject to instructor and space availability.

3. Repeating Courses

Students may repeat a course to improve a "D" grade, **BUT ADDITIONAL CREDITS WILL NOT BE ISSUED FOR A REPEATED COURSE**. Students cannot repeat a course in which a grade of "C" has been earned.

Some elective, physical education, and performing arts courses may be repeated for credit. Contact your counselor for course-specific information.

4. Grade Point Average

MMHS will update the transcript of every student at the completion of each semester. Included on this transcript are courses completed with grades and credits earned, and the current grade point average.

a. Total GPA includes all subjects 9-12

b. Academic 9-12 GPA includes all subjects **except physical education/athletics, NJROTC and TA**

c. Academic 10-12 GPA is the CSU/UC GPA and includes all courses in grades ten through twelve **except physical education, athletics, NJROTC and TA**.

d. Weighted and non-weighted GPA's are listed on each transcript.

Murrieta Mesa High School encourages students to take rigorous academic courses in high school. The grades earned in courses that are certified by the high school as Advanced Placement (AP) level courses will be given extra weight in computing GPA. Extra weight is only offered to those students who take the AP exam. Advanced Placement weighted grades will be counted as follows: A = 5 points, B = 4 points, C = 3 points.

5. Schedule Change Policy

To support academic success and MMHS' core value of all students learning, our goal in the counseling department is to have all students in appropriate classes as quickly as possible. Schedule changes will only be considered for the following four criteria:

1) An incomplete schedule

2) Course already completed

3) Prerequisite not met (includes level changes based upon prior academic performances)

4) Missing a graduation requirement

** Requests for schedule changes must be submitted to the appropriate counselor on the request form, and will not be accepted after the 5th day of the semester.

6. Withdraw/Fail Policy

We believe that students benefit from the learning that takes place in the classroom even in the case of a student who is failing the course. A withdraw/fail grade will be given to a student only as an administrative option in extreme circumstances. When this situation presents itself, the student will be removed from class with a grade of "WF". This grade will appear on the student's permanent transcript. The student will be assigned to attend On-Campus Detention (OCD) for the remainder of the semester instead of attending the class in question. When a class is dropped after the six-week point in the semester, a grade of "WF" will be assigned.

7. Classroom Performance Concerns

The MMHS staff is committed to providing an exemplary education for our students. We realize that the rigor of high school coursework places additional demands upon our students and that at times they may become frustrated with their classroom performance. When these situations present themselves, we encourage students and parents to schedule a meeting with the teacher of the class in question. If the problem or concern has not been satisfactorily addressed after meeting with the teacher, please contact the counselor and/or administrator and put those concerns in writing. A meeting will be scheduled with the teacher, counselor, and/or administrator to discuss those concerns and develop a plan for student success.

Online/Hybrid Course Requirements and Offerings

MVUSD recognizes that online courses provide important opportunities for our students that will prepare them for the demands of the 21st century. Student success in an online course is dependent on many factors. Academic ability, reading skills, computer skills, habits of mind, parent support, and technology access are among these essential factors. It is highly recommended that students consult with the teacher of the online course they are considering taking and with their counselor before making a decision about enrolling.

Online courses match the content of our existing course offerings and have been designed to meet the rigor of our current courses while also providing substantial teacher-to-student and student-to-teacher interaction, with ongoing communication of expectations and progress with students and parents. Students must complete the Online Course Readiness Questionnaire and the Online Course Contract prior to enrollment. These can be found online at www.murrieta.k12.ca.us/page/123. Both documents must be signed by the student and his/her parent or guardian. Rigor, relevance, and relationships are essential elements of an MVUSD online course.

Academic Ability: Much of the content of an online course is conveyed through written material. It is therefore important that students have strong analytical reading skills (proficient or advanced ELA scores on the CST are recommended).

Computer Skills: Students should be comfortable working with a computer, navigating a website, and downloading/uploading documents. Strong typing skills are a must. Students must be comfortable accessing and reading information on a computer for long periods and have some basic ability to troubleshoot technical issues that may be encountered.

Habits of Mind: Online coursework requires strong organizational and time management skills. Students must be independent, self-directed learners who are capable of staying on task while working from home, managing assignment due dates, and asking for help when they need assistance. Students must access the course on a daily basis and check email regularly for communications from the teacher.

Parent Support: Parent/guardian support is important to the success of online students. Parents must be aware of the online requirements, monitor work habits and progress, and ensure appropriate technology access at all times. Students should have someone who can provide technical assistance as necessary.

Technology Access: Online students must have daily access to a computer with a high-speed internet connection and a processor capable of downloading/uploading streaming video and large multimedia files. The computer should be equipped with a word processor (preferably Microsoft Word), web browser, speakers, and a USB headset with a microphone.

Ethics Policy: Online students are expected to complete their own work at all times. If a student breaks this code, then the Ethics Policy will be enforced, which will result in no credit for the assignment or test, and may result in the student being removed from the course.

Communication: Students must log in to the course regularly, several times per week, to complete assignments. Students must also check the email provided to the teacher on enrollment in the course on a daily basis for messages or updates from the instructor. It is the students' responsibility to contact the instructor should difficulties completing coursework be experienced. Parents/guardians should also be in frequent contact with the instructor and inform him/her of any concerns with the course or learning problems that arise.

Face-to-Face Meeting Requirements: Students are required to attend a minimum of three face-to-face meetings each semester. The first is for an orientation/introduction to the course, the second for the midterm exam and/or project, and the third for the final exam and/or project. Some courses may require additional face-to-face meetings. See the instructor for more information about an individual course's face-to-face meeting requirements. Prior to enrollment, students must complete the "Online Course Readiness Survey" and a parent or guardian must complete the "Support for Online Learning Survey." Once both surveys are completed and reviewed by the site's online course coordinator, a student is eligible to enroll in an online course.

All courses are aligned to the California Content Standards. Courses listed as meeting UC/CSU requirements are District and site administration-approved courses that meet the noted requirement for admission to the UC/CSU systems.

Please see your counselor in order to inquire and/or enroll in a hybrid course.

Yr:

Murrieta Mesa High School

Grade 9

Name: _____ DOB: ____/____/____ Phone # _____

Last name, First name

Current School _____

*Please complete this form in PEX and print neatly

YOU WILL NEED TO SELECT 7 CLASSES*REQUIRED COURSES****1. English**

English I 1001

Adv. English I 1021

Teacher signature for advanced: _____

2. Math

Math I 2212

Adv. Math I 2213

Adv. Math II 2217

Teacher signature for advanced: _____

3. Science

CP Biology 3025

4. Physical ED

PE 9 2700

NJROTC I 7985

5. **Health** (semester) 8075 & **Career/ICT** (semester) 7560**SELECT TWO ELECTIVES FROM THE FOLLOWING OPTIONS****World Language**

*Minimum 8th grade GPA of 3.0 to enroll in a world language

French I 4200

Spanish I 4100

Spanish II 4110

ASL I 4050 (Limited space)

Spanish for Spanish Speakers 4150 (English teacher recommendation required)

Business/ Culinary

Entrepreneurship 7647

RCOE Culinary 4361

Engineering/ Computer Science

Intro to Design / Engineering 2445

AP Comp. Science 7571

Visual & Media Arts

Art & Design 6000

Graphic Design 6040

Multimedia I 7750

Video Game Design 7553

*Minimum Math I

Liberal Studies/ Education

AP Human Geography 1918

Academic Seminar 5562
*Required for all students below a 3.0 GPA

Foundation in Ed. 7500

Interview based programs

AVID 1944

Renaissance 1934

Student Senate 1932

USB Leadership 1930

BEAST 5541

Unified Leadership 5541

Medical

Health Career I 5400

Performing Arts

Choir I 7151

Guitar 7000

Drama I 6500

Drama II 6550

Audition based programs

Adv March/ Concert band 7200

Adv Concert/ Orchestra 7216

Adv Dance Choreography 7231

Perform. Corp 2750

Application based program

Yearbook 1870

Carefully choose all elective selections: Any of these electives could be on your schedule as a result of scheduling conflicts, courses not offered or full classes. **Course placement is based on final grades in prerequisite courses and SRI/SMI Data**

Elective selection # 1

Elective selection # 2

Elective selection # 3

Elective selection # 4

Are you interested in playing sports at Mesa? If so, what sport:

IMPORTANT INFORMATION FOR INCOMING FRESHMAN & PARENTS

⇒ Registration Parent Night: TBD

⇒ Students will need to access their academic plan through their Aeries account February 21, 6:00 am through February 23, 11:59 pm. Directions are available here:
<https://www.murrieta.k12.ca.us/Page/22271>

⇒ In addition to on-line course selection, students are required to turn in the 9th grade course selection form with teacher recommendation and parent signature. The forms are due when Mesa counselors return to the middle schools to meet one on one with students.
Date : TBD

⇒ Athletic information please go to : <https://www.murrietamesaathletics.com/home>

MMHS Graduation Requirements

MMHS GRADUATION REQUIREMENTS

ENGLISH— 4 Years— 40 credits
MATH— 3 Years— Math 1—30 credits
SCIENCE— 3 Years—1 Life, 1 Physical, 1 additional 30 credits
SOCIAL SCIENCE— 3 Years—30 credits
WORLD LANGUAGE— 1 Year—10 credits
PHYSICAL EDUCATION— 2 Years—20 credits
VISUAL/PERFORMING ARTS— 1 Year—10 credits
HEALTH /ICT Career Literacy— 1 SEM. EACH—10 credits
GENERAL ELECTIVES—50 Credits

4-Year College Minimum Requirements (A-G)

SOCIAL SCIENCE— 2 Years
ENGLISH— 4 Years College Prep
MATH— 3 Years: Math 1, Math II, Math III
SCIENCE— 2 Years Lab Science
WORLD LANGUAGE— 2 Years of Same World Language
VISUAL/PERFORMING ARTS— 1 Year
COLLEGE PREPATORY ELECTIVE— 1 Year

Yr:

Murrieta Mesa High School

Grade 10

Name: _____ DOB: ____/____/____ Phone # _____
 Last name, First name

*Please complete this form in PEN and print neatly

***YOU WILL NEED TO SELECT 7 CLASSES**

REQUIRED COURSES

1. English	English II	1002	Adv. English II	1022		
2. Math	Math I	2212	Adv. Math II	2217		
	Math II	2216	Adv. Math III	2219		
3. Science	CP Biology	3025	Earth Science	3500	Chemistry	3525
4. Social Science	Modern World History	1501	AP Human Geography 1918			
	AP World History	1503				
	ANNEX History 103/104 (Must fill out MSJC interest form)					
5. Physical ED	Court Sports.	2820	Walk for fit	2835	Body Comp.	2810
	Lifeguard	2787	Dance I.	7220	NJROTC I.	7985
Course Selection: _____			Alternate Selection: _____			
Athletic PE Sport (Coach approval required) _____						

SELECT TWO ELECTIVES FROM THE FOLLOWING OPTIONS

World Language

French I	4200	Spanish I	4100	Spanish III	4120	ASL I	4050 (Limited space)
French II	4210	Spanish II	4110	AP Spanish	4130	ASL II	4060
				Spanish for Spanish Speakers	4150		

<u>Business/ Culinary</u>	<u>Liberal Studies/ Education</u>	<u>Medical</u>	<u>Visual & Media Arts</u>
Entrepreneurship 7647	AP Human Geography 1918	Health Career I 5400	Art & Design 6000
Business Principles, Marketing, and Finance 7629	Foundation in Ed. 7500	Health Career II. 5402	Adv. Draw & Paint 6030
Accounting 7600	<u>Interview based programs</u>	Psychology 1900	Graphic Design 6040
RCOE Culinology 4361	AVID 1944	AP Psychology 1890	Graphic Design II 6050
RCOE Adv. Culinary 7925	Renaissance 1934	Sports Medicine 2880	Multimedia I 7750
	Student Senate 1932		Multimedia II. 7751
	USB Leadership 1930		Ceramics I (Limited Space) 6060
	BEAST 5541		Video Game Design 7553 <small>*Minimum Math I</small>
	Unified Leadership 5541		<u>Application based program</u>
			Yearbook 1870
			Yearbook Design 1875 <small>(By application)</small>

<u>Engineering/ Computer Science</u>	<u>Performing Arts</u>	<u>Performing Arts Cont'</u>	Carefully choose all elective selections: Any of these electives could be on your schedule as a result of scheduling conflicts, courses not offered or full classes. Course placement is based on final grades in prerequisite courses and SRI/SMI Data
AP Computer Science 7571	Choir I 7151	Tech Theater I 6565	Elective selection # 1
Computer Programming 7574	Choir II 7152	Wind Ensemble ** 7193 <small>(By audition)</small>	Elective selection # 2
Cyber Security 7573	Guitar 7000	Adv. Marching/ ** 7200 <small>Concert Band (By audition)</small>	Elective selection # 3
Intro to Design Engineering 2445	Drama I 6500	Adv. Concert ** 7216 <small>Orchestra (By audition)</small>	Elective selection # 4
Design II / Princ. of Engineering 2446	Drama II 6550	Performance Corp ** 2750 <small>(By audition)</small>	
	Drama III ** 6560 <small>(Instructor approval)</small>		
	Drama IV ** 6570 <small>(Instructor approval)</small>		
	Dance I 7720		
	Dance II 7230		
	Adv. Dance ** 7231 <small>Choreography (By audition)</small>		
			Are you interested in playing sports at Mesa? If so, what sport:

AP Contract required for all AP courses. Online Contracts available: <http://www.murrieta.k12.ca.us/Page/22271> (page 17)
Please see your counselor to inquire and/or enroll in an online course through Murrieta Canyon Academy

Carefully choose all elective selections. Any of these electives could be on your schedule as a result of scheduling conflicts, courses not offered or full classes. Course placement is based on final grades in prerequisite courses and SRI/SMI Data.

Your signature on this form indicates you have reviewed and approved your student's course selection for the school year. Course placements are based on course/instructor availability and final grades in prerequisite courses.

Parent Signature: _____

Student Signature: _____

Date: _____

Yr:

Murrieta Mesa High School

Grade 11

Name: _____ DOB: ____/____/____ Phone # _____
 Last name, First name

REQUIRED COURSES

*Please complete this form in PEN and print neatly
***YOU WILL NEED TO SELECT 7 CLASSES or COMPLETE EARLY RELEASE FORM**

1. English	English III	1018	Expository Read/ Write	1028	AP English Lang	1005
2. Math	Math 90	2475	Accounting	7600	AP Pre-Calculus.	2352
	Math II	2216	Adv. Math III	2219	AP Calculus AB.	2400
	Math III.	2218	Dual Math 105/ 110 (Must fill out MSJC interest form)			
3. Science	CP Biology	3025	Earth Science	3500	Chemistry	3525
	Anat./ Physi	3040	Marine Bio.	3010	Adv Biomed.	3555
	Environ. Hort	3030.	Environ. Sci.	3100	AP Environ.	3101
	AP Chem.	3528.	AP Psysics	3531.	Physics.	3530
	Dual Bio 134 Human Heredity and Evolution (Must fill out MSJC interest form)					
4. Social Science	U.S. History	1600	AP U.S. History	1601		
	ANNEX History 111/112 (Must fill out MSJC interest form)					

SELECT TWO ELECTIVES FROM THE FOLLOWING OPTIONS

World Language							
French I	4200	Spanish I	4100	Spanish III	4120	ASL I	4050 (Limited space)
French II	4210	Spanish II	4110	AP Spanish Lang	4130	ASL II	4060
Dual French 101/102 (Must fill out interest form)				AP Spanish lit	4133	ASL III	4070
		Spanish for Spanish Speakers		4150			
Physical Education							
Body Comp	2810	Dance I.	7220	NJROTC I	7985	Rec. Life.	2840
Court Sports.	2821.	Dance II.	7230.	NJROTC II	7986	Walking for fitness	2835
Team Field	2850	Lifeguard.	2797	NJROTC III	7987		
		(Must pass assessment)					

**MMHS
Graduation
Requirements**

ENGLISH— 4 Years— 40 credits
 MATH— 3 Years— Math 1—30 credits
 SCIENCE— 3 Years—1 Life, 1 Physical, 1 additional 30 credits
 SOCIAL SCIENCE— 3 Years—30 credits
 WORLD LANGUAGE— 1 Year—10 credits
 PHYSICAL EDUCATION— 2 Years—20 credits
 VISUAL/PERFORMING ARTS— 1 Year—10 credits
 HEALTH /ICT Career Literacy— 1 SEM. EACH—10 credits
 GENERAL ELECTIVES—50 Credits

**4-Year College
Minimum
Requirements
(A-G)**

SOCIAL SCIENCE— 2 Years
 ENGLISH— 4 Years College Prep
 MATH— 3 Years: Math 1, Math II, Math III
 SCIENCE— 2 Years Lab Science
 WORLD LANGUAGE— 2 Years of Same World Language
 VISUAL/PERFORMING ARTS— 1 Year
 COLLEGE PREPATORY ELECTIVE— 1 Year

<u>Business/ Culinary</u>	<u>Liberal Studies/ Education</u>	<u>Medical</u>	<u>Visual & Media Arts</u>
Entrepreneurship 7647	AP Human Geography 1918	Health Career II. 5402	Art & Design 6000
Business Principles, Marketing, and Finance 7629	Foundation in Ed. 7500	Medical Terminology. 5403	Adv. Draw & Paint 6030
Accounting 7600	Cinema as Lit 1876	Psychology 1900	Studio Art. 6155
RCOE Culinology 4361	AP Seminar. 1908	AP Psychology 1890	AP Studio Art. 6150
RCOE Adv. Culinary 7925	<u>Interview based programs</u>	Sports Medicine 2880	Graphic Design 6040
RCOE Cul Manage. 4362	AVID 1944	Adv, Sports Med. 2890	Graphic Design II 6050
	Academic Tutor. 1950	Adv. Biomedical Science 3555	Multimedia I 7750
	Renaissance 1934	Anatomy & Physiology 3040	Multimedia II. 7751
	Student Senate 1932		Multimedia III 7752
	USB Leadership 1930		Ceramics I (Limited Space) 6060
	BEAST 5541		Video Game Design 7553 <small>*Minimum Math I</small>
	Unified Leadership 5541		AP Art Hist 6200

<u>Engineering/ Computer Science</u>	<u>Performing Arts</u>	<u>Performing Arts Cont'</u>	Carefully choose all elective selections: Any of these electives could be on your schedule as a result of scheduling conflicts, courses not offered or full classes. Course placement is based on final grades in prerequisite courses and SRI/SMI Data
AP Computer Science 7571	Choir I 7151	Tech Theater I 6565	Elective selection # 1
Computer Programming 7574	Choir II 7152	Tech Theater II. 6566	Elective selection # 2
Cyber Security 7573	Choir III 7153	Wind Ensemble ** 7193 <small>(By audition)</small>	Elective selection # 3
Intro to Design Engineering 2445	Guitar 7000	Adv. Marching/ ** 7200 <small>(By audition)</small>	Elective selection # 4
Design II / Princ. of Engineering 2446	Drama I 6500	Adv. Concert ** 7216 <small>(By audition)</small>	
Robotics I. 2500	Drama II 6550	Performance Corp ** 2750 <small>(By audition)</small>	
	Drama III ** 6560 <small>(Instructor approval)</small>	<u>Application based program</u>	
	Drama IV ** 6570 <small>(Instructor approval)</small>	Yearbook 1870	
	Dance I 7720	Yearbook Design 1875	
	Dance II 7230	Dual Mus 100 (Must fill out interest form)	
	Adv. Dance ** 7231 <small>(By audition)</small>		Are you interested in playing sports at Mesa? If so, what sport:

***MSJC Annex and Dual Courses require 3.0 GPA or above - Please see counselor**

***Refer to the Career Technical Education Courses on page**

***Early Release 6th (9007)or 7th period (9002); Late Start 1st (9010) or 2nd (9011):**

-Available only to students on tract for graduation & with parent approval.

AP Contract required for all AP courses. Online Contracts available: <http://www.murrieta.k12.ca.us/Page/22271>

Please see your counselor to inquire and/or enroll in an online course through Learn @ Home

Your signature on this form indicates you have reviewed and approved your student's course selection for the school year. Course placements are based on course/instructor availability and final grades in prerequisite courses.

Parent Signature: _____ Student Signature: _____ Date: _____

Yr:

Murrieta Mesa High School

Grade 12

Name: _____ DOB: ____/____/____ Phone # _____
 Last name, First name

REQUIRED COURSES

*Please complete this form in PEN and print neatly
***YOU WILL NEED TO SELECT 7 CLASSES or COMPLETE EARLY RELEASE FORM**

1. **English** English IV 1020 CSU Expo 1033 AP English Lit & Comp 1008

ANNEX English 101/103 (Must fill out MSJC interest form)

2. **Math** Math 90 2475 Accounting 7600 AP Pre-Calculus. 2352
 Math III 2218 Prob & Stats 2415 AP Calculus AB. 2400
 Adv. Alg w/ Fin App. 2215 Intro to stats 2320 AP Calculus BC 2405
 MRWC (Math IV) 2355 Dual Math 105/ 110 (Must fill out MSJC interest form)

3. **Science** CP Biology 3025 Earth Science 3500 Chemistry 3525
 Anat./ Physi 3040 Marine Bio. 3010 Adv Biomed. 3555
 Environ. Hort 3030. Environ. Sci. 3100 AP Environ. 3101
 AP Chem. 3528. AP Psysics 3531. Physics. 3530
 Dual Bio 134 Human Heredity and Evolution (Must fill out MSJC interest form)

4. **Social Science** Gov/Econ. 1700/1702 AP Government 1701
 AP Macroeconomics 1705
 ANNEX Political Science 101 (Must fill out MSJC interest form)

SELECT TWO ELECTIVES FROM THE FOLLOWING OPTIONS**World Language**

French II 4210 Spanish II 4110 Spanish III 4120 ASL II 4060
 Dual French 101/102 (Must fill out interest form) AP Spanish Lang 4130 AP Spanish lit 4133 ASL III 4070
 Spanish for Spanish Speakers I & II 4150/ 4160 ASL IV 4080

Physical Education

Body Comp 2810 Dance I. 7220 NJROTC I 7985 Rec. Life. 2840
 Court Sports. 2821. Dance II. 7230. NJROTC II 7986 Walking for fitness 2835
 Team Field 2850 Lifeguard. 2797 (Must pass assessment) NJROTC III 7987

<u>Business/ Culinary</u>	<u>Liberal Studies/ Education</u>	<u>Engineering/ Computer Science</u>	<u>Visual & Media Arts</u>
Business Principles, Marketing, and Finance 7629	AP Human Geography 1918		Art & Design 6000
Accounting 7600	Foundation in Ed. 7500	AP Computer Science 7571	Adv. Draw & Paint 6030
RCOE Cul Manage. 4362	Cinema as Lit 1876	Computer Programming 7574	Studio Art. 6155
<u>Medical</u>	AP Research 1908	Cyber Security 7573	AP Studio Art. 6150
Medical Terminology. 5403	Senior Seminar 5532	Intro to Design Engineering 2445	Graphic Design 6040
Psychology 1900	<u>Interview based programs</u>	Design II / Princ. of Engineering 2446	Graphic Design II 6050
AP Psychology 1890	AVID 1944	Robotics Tech I 2500	Multimedia I 7750
Sports Medicine 2880	Academic Tutor. 1950	Robotics Tech II 2505	Multimedia II. 7751
Adv. Sports Med. 2890	Renaissance 1934		Multimedia III 7752
Adv. Biomedical Science 3555	Student Senate 1932		Ceramics I (Limited Space) 6060
Anatomy & Physiology 3040	USB Leadership 1930		Ceramics II 6070
	BEAST 5541		Video Game Design *Minimum Math I 7553
	Unified Leadership 5541		AP Art History 6200

<u>Performing Arts</u>				Carefully choose all elective selections: Any of these electives could be on your schedule as a result of scheduling conflicts, courses not offered or full classes. Course placement is based on final grades in prerequisite courses and SRI/SMI Data	
Choir I 7151	Dance I 7720	Tech Theater I 6565		Elective selection # 1	
Choir II 7152	Dance II 7230	Tech Theater II. 6566		Elective selection # 2	
Choir III 7153	Adv. Dance ** 7231	Wind Ensemble ** (By audition) 7193		Elective selection # 3	
Guitar 7000	Choreography (By audition)	Adv. Marching/ Concert Band (By audition) ** 7200		Elective selection # 4	
Drama I 6500	<u>Application based program</u>	Adv. Concert Orchestra (By audition) ** 7216			
Drama II 6550	Yearbook 1870	Performance Corp ** (By audition) 2750			
Drama III ** (Instructor approval) 6560	Yearbook Design 1875				
Drama IV ** (Instructor approval) 6570	Dual Mus 100 (Must fill out interest form)				

***MSJC Annex and Dual Courses require 3.0 GPA or above - Please see counselor**

***Refer to the Career Technical Education Courses on page**

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Please see your counselor to inquire and/or enroll in an online course through Learn @ Home

Your signature on this form indicates you have reviewed and approved your student's course selection for the school year. Course placements are based on course/instructor availability and final grades in prerequisite courses.

Parent Signature: _____

Student Signature: _____

Date: _____

4-Year College Minimum Requirements (A-G)

SOCIAL SCIENCE— 2 Years
ENGLISH— 4 Years College Prep
MATH— 3 Years: Math 1, Math II, Math III
SCIENCE— 2 Years Lab Science
WORLD LANGUAGE— 2 Years of Same World Lang.
VISUAL/PERFORMING ARTS— 1 Year
COLLEGE PREPATORY ELECTIVE— 1 Year

MMHS Graduation Requirements

ENGLISH— 4 Years— 40 credits
MATH— 3 Years— Math 1—30 credits
SCIENCE— 3 Years—1 Life, 1 Physical, 1 additional
SOCIAL SCIENCE— 3 Years—30 credits
WORLD LANGUAGE— 1 Year—10 credits
PHYSICAL EDUCATION— 2 Years—20 credits
VISUAL/PERFORMING ARTS— 1 Year—10 credits
HEALTH /ICT Career Literacy— 1 SEM. EACH—10 credits
GENERAL ELECTIVES—50 Credits



MURRIETA VALLEY
UNIFIED SCHOOL DISTRICT

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



Murrieta Valley Unified School District

High School Advanced Course Agreement

Murrieta Valley Unified School District (MVUSD) is committed to providing an environment in which all students have equal access to a rigorous academic experience. MVUSD's goal is to encourage all students to challenge themselves by taking advanced coursework, including Advanced Placement (AP) courses, Dual Enrollment (DE at VMHS), and International Baccalaureate (IB at MVHS) even if they have not experienced prior advanced coursework. All available AP, Dual Enrollment, and IB courses will be open to all students who have made an informed decision, which includes taking any prerequisite course and/or assessment, consultation with significant stakeholders, and review of the course expectations.

These advanced courses are college level courses in which students can possibly earn an extra grade point on their GPA for each AP, DE, or IB course they successfully complete, as well as possibly earning college credit. Students should expect 1 to 2 hours of homework for every hour spent in class. MVUSD believes that successful completion of an advanced course is attaining a letter grade of 'C' or above in that course. Students who successfully complete an advanced AP or IB course(s) will be prepared for the comprehensive exam in that course and subject. For most students, there is an adjustment period at the beginning of an advanced course. However, most students adjust to the rigor and learn to perform at a satisfactory level or above.

I plan on taking the following AP, DE or IB course(s):

By initialing below, I understand the requirements of enrolling in this/these advanced course(s) and my parent(s)/guardian(s) and I agree to the following terms:

- _____ 1. The demands of advanced courses exceed those of a general college preparatory course, and I am committed to the extra effort needed to succeed.
- _____ 2. I realize that the advanced course(s) may entail required summer assignments and failure to complete these Assignment(s) could significantly affect my performance and grade in the class.
- _____ 3. I realize that an advanced course is a semester or year-long commitment. I acknowledge that I must remain in the course for at least 3 weeks and will have up to 6 weeks to withdraw from the course and enroll in a subject equivalent course (if applicable). If I request to withdraw from the advanced course, I understand I will be required to meet with my counselor/administrator and advanced teacher before the withdrawal can be considered and that the course grade to date will transfer to the new course. Please note: If your withdrawal is approved, your schedule may be greatly impacted due to this request (i.e. periods and teachers may change). All schedule change requests are subject to class size and school schedule needs.
- _____ 4. I realize if I am struggling, I need to contact my teacher for additional support and outside of class tutoring sessions if available. In addition, I will attend out of school study sessions (i.e. UCR AP Readiness).
- _____ 5. I realize AP and IB exam fees are over \$90 for each exam; with the possibility of a fee reduction if I qualify.
- _____ 6. I realize that I must abide by the conditions set forth in the course syllabus (e.g. attendance, grading, and make-up policies).
- _____ 7. After reading the course description(s)/syllabus for each advanced course, I am confident that I will be successful in the course(s) of choice.

Student Name (Please Print): _____ Grade: _____ Date: _____

Student Signature: _____ Parent/Guardian Signature: _____



Career Technical Education courses are designed to provide students with entry-level job training. Some classes include on-the-job training in local businesses. **There are specialized Career and Technical Education courses that have an age requirement. Students must be enrolled in five high school classes in addition to a CTE/ROP course.**

If enrolled in an alternate-campus CTE/ROP course, students will have 7th period early release at MMHS. Students may enroll in CTE/ROP courses during the second semester if approved by the instructor. Students are responsible for their own transportation to the CTE/ROP classroom sites.

Career Technical Education courses provide:

- **Free Job Training**
- **High School Credit**
- **Certificate of Training**
- **Career Planning**
- **Job Search Skills**
- **Preparation for Higher Level Training**

For more information see your CTE representative in the Career

RCOE CULINOLOGY

Grade Level: 9-10

Course # 4361

Prerequisite: None

Length: Year

This class incorporates the information learned in general education courses with essential elements of Culinary Arts. Practical applications include customer service interaction skills, food preparation, knife handling skills, and time and temperature controls. After demonstrating proficiency in safety and sanitation, students must read recipes, interpret that information and turn the ingredients into an edible product by the end of the class period. Students work in groups and are assessed based on how they utilize teamwork and methods of effective communication to complete their tasks in the set time. Students must be free from communicable diseases and have clean personal habits and dress and use diplomacy and tact in dealing with customers. There is a dress requirement that complies with health sanitation and safety laws (State Law AB1978) and HACCP regulation for dress code.

RCOE ADV. CULINARY ARTS

Grade Level: 10 -11

Course # 7925

Prerequisite: Successful completion of RCOE Culinology. The ability to understand and carry out required health and safety standards, safely handle sharp kitchen tools and operate kitchen equipment and use independent judgment in planning and carrying out a sequence of activities. Students must be free from communicable diseases and have clean personal habits and dress and use diplomacy and tact in dealing with customers. There is a dress requirement that complies with health sanitation and safety laws (State Law AB1978) and HACCP regulation for dress code.

Length: Year

This course meets MVUSD requirements for elective credit. This is the 2nd-year course of a 3-year course CTE. The purpose of this course is to prepare students for culinary school and a career in the restaurant business. The Culinary Arts course combines elements of artistry, science, and business skills to prepare students for an exciting career in the culinary field. Students will learn the proper use of kitchen tools, equipment, portion control, measurement, menu planning, and budgeting, sanitation and safety, personal hygiene, job search, and interpersonal skills and attributes necessary for success in the restaurant industry.



RCOE Culinary Management

Grade Level: 11-12

Course # 4362

Prerequisite: *Completion of CTE Adv. Culinary Arts and teacher approval.*

Length: Year

This capstone course offers a unique blend of hospitality management and advanced culinary arts training for high school students. Students with previous culinary arts experience will take part in developing management techniques used in work-based learning events such as dinner services, catering opportunities, and internships.

Students will participate in activities to develop leadership and teamwork skills while collaborating with clients and classmates. Students will gain an understanding of the importance of professional ethics and the legal responsibilities while solving a variety of problems using critical thinking skills.

AP COMPUTER SCIENCE PRINCIPLES

Grade Level: 9-10

Course # 7571

Prerequisite: *None*

Length: Year

This course introduces the foundational concepts of computer science and challenges students to explore how computing and technology impact the world. Topics include programming, abstractions, algorithms, big data, digital privacy & security, and the societal impacts of computing.

COMPUTER PROGRAMMING

Grade Level: 10-11

Course # 7574

Prerequisite: *C or above in AP Computer Science Principles*

Length: Year

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 Python and Machine Controlling Languages using a structured programming style. Students will build upon skills and practices relevant to prepare for entry-level employment and post-secondary education in the computer science field.

CYBERSECURITY

Grade Level: 11-12

Course # 7574

Prerequisite: *C or above in AP Computer Science Principles and Computer Programming*

Length: Year

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 Python and Machine Controlling Languages using a structured programming style. Students will build upon skills and practices relevant to prepare for entry-level employment and post-secondary education in the computer science field.



HEALTH CAREERS I
Course # 5400
Prerequisite: 3.0 Total GPA
Length: Year

Grade Level: 9-10

This course meets MVUSD requirements for elective credit. This is the 1st year introductory course of a 3-year-long CTE Medical Pathway program that investigates the healthcare delivery system and its services and explores professional medical occupations and opportunities for careers in medicine and related sciences and begins your medical language vocabulary. Additional topics will include medical mathematics, an introduction to microbiology concepts, anatomy and physiology, diseases/disorders, diagnoses, treatments, patient/ client care regimens, career development, and present and future technological innovations. Skills in science, mathematics, communications, social studies, and health are reinforced in this course. Certification in Basic Life Support (BLS) Cardiopulmonary Resuscitation (CPR) for Health Care Professionals through the American Heart Association will be offered with frequent CPR refresher module activities. Successful completion of this course with a "C" or better or permission from the instructor to continue in the next companion course; Health Careers II.

HEALTH CAREERS II
Prerequisite: C or above in Health Careers I
Length: Year

Grade Level: 10-11

This course meets MVUSD requirements for elective credit. This is the 2nd year course of a 3-year-long CTE Medical Pathway program which deepens its investigation of the healthcare delivery system, its services, occupations, and related sciences. Topics include the inter-mediate study of the language of medicine, medical application of the Metric System, Anatomy and Physiology, Diseases/Disorders, Diag-noses, Treatments, patient/client care regimens, career development, and present and future technological innovations. Skills in science, mathematics, communications, social studies, and health are reinforced in this course. Certification in the American Heart Association First Aid Course and a refresher BLS CPR course for Health Care Professionals will be offered with frequent module activities.

MEDICAL TERMINOLOGY
Course # 5403
Prerequisite: C or above in Health Careers I and II
Length: Year

Grade Level: 11-12

This course meets MVUSD requirements for elective credit. This is the 3rd year course of a 3 year-long CTE Medical Pathway program which focuses on the language of medicine as it applies to body system pathology and disease. Medical record analysis, SOAP notes, chart note transcription, case studies, and pharmacology are also integrated into each body system. This course is a vital part of preparing you for a career as a health professional. You will find that throughout your medical career and in a variety of settings, medical terminology is used to communicate to your coworkers and to patients. By learning the language of medicine, you will have created a foundation for your education in any of the health or medical fields. Re-certification in Basic Life Support (BLS) Cardiopulmonary Resuscitation (CPR) for Health Care Professionals through the American Heart Association will be offered. This class is articulated with Mt. San Jacinto Community College and students may apply for college credit with successful completion of this course.



INTRO TO DESIGN

Grade Level: 9-12

Course # 2445

Prerequisite: *Concurrent enrollment in Math I or higher*

Length: Year

This course meets UC/CSU and district graduation requirements for Visual and Performing Art 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. *Note - Introduction to Design is the same course as PLTW's Introduction to Engineering Design with the addition of supplemental units of instruction and projects that address California's Visual and Performing Arts content standards.

PRINCIPLES OF ENGINEERING

Grade Level: 10-11

Course # 7705

Prerequisite: *Successful completion of Intro to Design*

Length: Year

Principles of Engineering (POE) is a foundation course for the high school engineering pathway. This survey course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary-level knowledge and skills in mathematics, science, and technology. Students have the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APB) learning. By solving rigorous and relevant design problems using engineering and science concepts within a collaborative learning environment, APB learning challenges students to continually hone their interpersonal skills, creative abilities, and problem-solving skills. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education.



ROBOTICS TECHNOLOGY I

Grade Level: 11-12

Course # 2500

Prerequisite: *Successful completion of Intro to Design*

Length: Year

This course meets UC/CSU (G) elective credit and district requirements for elective credit. Robotics will introduce students to basic and advanced concepts in robotics along with science and technology. Students will work cooperatively to research, design, program, and construct robots and robotic devices. Students will perform specific tasks with their robots in addition to class competitions. Students will also be exposed to career standards that include academic skills, communication, interpersonal skills, problem-solving, safety, technology, and employment literacy

ROBOTICS TECHNOLOGY II

Grade Level: 11-12

Course # 2505

Prerequisite: *Successful completion of Robotics I*

Length: Year

Robotics II will continue to explore the relations between science and technology with an emphasis on designing, building, and programming robots to compete in competitions against other high school students. Students will focus on advanced robotics concepts including becoming an advanced "C" programmer. The program is designed to build upon basic concepts covered in Robotics I. The desired outcome is to design, build, and program robots for the official VEX game that is released at the beginning of each school year. In addition, involvement in the robotics program is intended to further motivate students to pursue advanced education in the engineering fields. Integrated throughout the course are career preparation standards which include basic academic skills, communicating individual and team ideas, interpersonal skills, problem-solving abilities, safety, technology, and employment literacy.

MULTIMEDIA DESIGN I

Grade Level: 9-10

Course # 7750

Prerequisite: *None*

Length: Year

This first-year course meets the MVUSD graduation requirements for Visual and Performing Arts and/or elective credit. This course meets the (f) requirement for admission to the UC/CSU systems. This one-year introductory level multimedia course's focus is based on a correlated curriculum that has a balanced emphasis on the VPA and Art Media and Entertainment standards. Students will convey creative expression through digital media applications. They learn the basic language and elements of art techniques to create interactive products to educate, inform, and entertain. The purpose is to enable students to understand and appreciate artistic expression and study the impact of multimedia on our society from a social economic and political viewpoint. Students will reflect, discuss, evaluate, and write with discrimination about the media and careers studied. History of photography, graphic design, animation, web development, and filmmaking will be studied. This course offers intensive hands-on production through project-based assignments and strives to nurture individual talents and skills. Students will meet Visual Art, Common Core State Writing Standards, and Art, Media, and Entertainment standards while encouraging students to become creative and thoughtful practitioners in the world of computer media.

*Articulated with MSJC, allowing the opportunity for students to earn college credits. For more information, contact your teacher.



MULTIMEDIA DESIGN II

Grade Level: 10-11

Course # 7751

Prerequisite: *Successful completion of Intro to Multimedia Design, Graphic Design I*

Length: Year

This course meets MVUSD graduation requirements for elective credit. This course is an overview of the computer-based design industry, applying advanced digital image creation methods and output options. Multimedia Design II builds upon the skills acquired from Multimedia Design I or Graphic Design I, and also gives an overview of careers in the field. Media output topics include designing for print and web content and interactive media projects created will consider optimum audience interaction. Photographic skills, including camera function and aesthetics, will be used to create meaningful digital images for use in multimedia. Software titles include, but are not limited to: After Effects, Animate, Illustrator, Photoshop, Garageband / Logic, Premier / Final Cut Pro. Students will have the opportunity to further develop their skills with the Adobe Creative Cloud applications and get the training of necessary skills for success in a post-secondary education institution and/ or in an entry-level position in the field of Media Arts.

MULTIMEDIA DESIGN III

Grade Level: 9-12

Course # 7752

Prerequisite: *Successful completion of Multimedia Design II*

Length: Year

This course will include instruction based on the Visual Performing Arts and Career Technical Education Arts, Media, and Entertainment Standards. The course will build upon the skills acquired from Multimedia Design II and students will learn advanced/professional digital image creation methods and investigate industry-related careers. Students will have the opportunity to further develop their skills with industry applications and receive more in-depth training for success in post-secondary education and/or an entry-level position in an industry field. Students will manage small crews and facilitate campus-wide multimedia support for school events.



All English courses are aligned to the California English Content Standards. Approved English Courses meet the (b) requirement for admission to the UC/CSU systems.

ENGLISH I

Grade Level: 9

Course # 1001

Prerequisite: *None*

Length: Year

This course meets UC/CSU (b) and MVUSD graduation requirements for English. 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 compositions and analyzing literature. Students will demonstrate reading, writing, speaking, and listening skills using a variety of genres (poetry, drama, short stories, essays, novels, expository texts, and biographies) and by using activities such as Socratic Seminars and oral presentations. The students will be introduced to a substantial amount of ongoing writing practice through journals, essays, creative writing, research papers, and extensive formal papers. The course is structured around reading of classical and contemporary works of literature as well as nonfiction. Assessments will include performance-based assessments, conventional assessments, (including standardized tests), portfolios, and published products.

ADVANCED ENGLISH I

Grade Level: 9

Course # 1021

Prerequisite: *By placement only, that includes current English grade and teacher recommendation.*

Length: Year

This course meets UC/CSU (b) and MVUSD graduation requirements for English. In addition to the curriculum provided in English I, the advanced course helps students focus on independent, in-depth reading of challenging classical and contemporary literary works and nonfiction with more emphasis on higher-level thinking skills. Advanced students are expected to read and write extensively.

ADVANCED ENGLISH II

Grade Level: 10

Course # 1022

Prerequisite: *By placement only, that includes current English grade and teacher recommendation.*

Length: Year

This course meets UC/CSU (b) and MVUSD graduation requirements for English. In addition to the curriculum supplied in English II, the 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.



ENGLISH II

Grade Level: 10

Course # 1002

Prerequisite: *Successful completion of English I*

Length: Year

This course meets UC/CSU (b) and MVUSD graduation requirements for English. 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. The 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. Assessments will include performance-based assessments, conventional assessments (including standardized tests), and published products.

EXPOSITORY READING & WRITING (11)

Grade Level: 11

Course # 1028

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

Length: Year

This course meets UC/CSU and District graduation requirements for English. Expository Reading and Writing Course (ERWC) engages students in self-reflection and their development as critical consumers and effective communicators within society. The course utilizes instructional modules to meet rigorous, college preparatory learning goals in reading, writing, listening, and speaking while promoting student interest and motivation. Employing a rhetorical, inquiry-based approach that fosters critical thinking, student agency, and metacognition, the course includes full-length modules drawn from five categories: 1) American foundational documents; 2) American drama; 3) full-length books; 4) research; and 5) contemporary issues. In addition, the course includes concept mini-modules that address transferable skills applicable to conceptual development and practice across all modules. The core structure of all the modules— the Assignment Template— progresses along an “arc” from reading rhetorically (preparing to read, reading purposefully, and questioning the text) to preparing to respond (discovering what you think) to writing rhetorically (composing a draft, revising rhetorically, and editing). By the end of the course, students will have read a range of literary and nonfiction text genres and produced several culminating projects, including academic essays, research reports, creative writing and performances, and multimedia presentations, from initial draft to final revision and editing. The course prepares students for the CAASPP Test in the Spring of their Junior year, which will indicate their readiness for college level English courses through an EAP result of either Ready, Conditionally Ready, or Not Ready.



ENGLISH III

Grade Level: 11

Course # 1018

Prerequisite: *Successful completion of English II or Advanced English II*

Length: Year

This course meets the UC/CSU (b) and MVUSD graduation requirements. This course is designed to continue literacy and language development and to engage students in reading both fiction and nonfiction texts with an emphasis on nonfiction. 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. Coursework will also include selections from the California State University(CSU) Expository Reading and Writing units. The course will focus on the analysis, interpretation, evaluation, composition and presentation of texts through the use of reading, writing, and verbal techniques. Students will develop skills to write effective expository and persuasive compositions, and will also develop the ability to produce an effective research paper. Students will learn to use the Rhetorical Analysis Template, developed by the CSU system, for their analysis of essays and development of compositions. The course includes preparation for college entrance exams.

ADVANCED PLACEMENT (AP) ENGLISH LANGUAGE AND COMPOSITION

Grade Level: 11

Course # 1005

Prerequisite: *Placement will be determined by a combination of the student's current English grade and teacher recommendation. A signed AP contract is required.*

Length: Year

This course meets UC/CSU (b) and MVUSD graduation requirements for English. It is a one-year course for juniors who have demonstrated excellent academic competence. Students who enroll in the course are strongly encouraged to register for the Advanced Placement Language and Composition exam, which is administered in the spring. The course focuses on composition and literature. Students will demonstrate advanced reading, writing, speaking, and listening skills using an extensive variety of classical and contemporary essays, dramas, and novels, with an emphasis on non-fiction prose in preparation for the A.P. Exam. Students will engage in the analysis of core and extended reading, written and visual media, and essays representing multiple modes of discourse such as narration, description, exposition, rhetorical analysis, synthesis, and argumentation. Students will be expected to understand rhetorical structures, devices, and techniques employed by authors. Students will interact with pieces of literature and the writing on a personal level by using collaborative techniques, visual and written interpretations, and present oral presentations. Writing will be taught at the advanced composition level focusing on writing skills and strategies for the college-bound student, and for the Advanced Placement Language and Composition exam. Students will utilize the writing process to compose formal and informal essays, research projects, with a heavy emphasis on timed essays. Assessment for the advanced placement course will include performance-based assessment, conventional assessment, and portfolios. Students are encouraged to take the AP exam which can earn them college credit for the course.



English IV

Course # 1082

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

Length: Year

Grade Level: 12

This course meets UC/CSU (b) and district approval for English credit. This community college course provides an accelerated route to English 101 at MSJC for students that assess at the “not college ready” level in the area of English. This course is designed to continue literacy and language development and to engage students in reading both fiction and nonfiction texts with an emphasis on nonfiction. Readings will include essays, memoirs, letters, speeches, short stories, novels, drama, and poetry from various time periods and cultures related to themes such as Identity, Ambition, Ethics, Diversity, Social Responsibility, and Media Bias. The course will focus on the analysis, interpretation, evaluation, composition, and presentation of texts through the use of reading, writing, and verbal techniques. Coursework will also include selections from the California State University (CSU) Expository Reading and Writing units. Students will use the Rhetorical Analysis Template, developed by the CSU system, for their analysis of essays and development of compositions. A major research paper and Senior Project will be required for this course. The course includes preparation for college entrance exams.

CSU EXPOSITORY READING & WRITING (12)

Course # 1033

Prerequisite: *Successful completion of English III, Expository 11, or AP Language and Composition.*

Length: Year

Grade Level: 12

This course meets UC/CSU (b) and MVUSD 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 on 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, and 1984. At the completion of this year-long senior class, students should be prepared to meet the intellectual demands of the university. **Students who have earned Standard Met or Exceeded on the CAASPP (conditionally exempt status on the EAP) in their Junior year may earn a full EAP exemption by completing this course with a C or higher.**

***Early Assessment Program (EAP) status is located on the right side of your CAASPP Student Score Report.**



ADVANCED PLACEMENT LITERATURE & COMPOSITION

Grade Level: 12

Course # 1008

Prerequisite: *Placement will be determined by a combination of the student’s current English grade. A signed AP contract is required.*

Length: Year

This course meets UC/CSU (b) and MVUSD English requirements. It is a one-year course for seniors who have demonstrated excellent academic competence. Students who enroll in the course are strongly encouraged to register for the Advanced Placement Literature and Composition exam, which is administered in the spring. This course is an intensive study of various genres of British and World literature and composition. Designed to prepare students for the AP test, the course focuses on the connection between reading and writing mature prose of various styles. Students will interact with the literature and the writing on a personal level by using collaborative techniques, visual and written interpretations, and oral presentations. Students study the individual work, its language, characters, actions, and themes. They consider the structure, meaning, and value of the work and its relationship to contemporary issues as well as to the times in which it was written. Extensive reading will be required. Writing will be taught at the advanced composition level focusing on writing skills and strategies for the college-bound student and for the Advanced Placement Literature and Composition exam. Students will utilize the writing process to compose formal and informal essays and research projects and will compose timed essays. Upon successful completion of the national test for AP Language Composition, students MAY also qualify for college credit. Students are encouraged to take the AP exam, which can earn them college credit for the course.

ENGLISH INTENSIVES

Grade Level: 9–12

ENGLISH I INTENSIVE Course # 1051

ENGLISH II INTENSIVE Course # 1052 (READ 180)

Prerequisite: *Placement based on assessment results*

Length: Year

This course meets UC/CSU (b) and MVUSD English requirements credits. It offers students scoring below proficient on California standardized tests individualized 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. Additionally, students will complete the curriculum from the Read 180 Real Book. Class activities include whole and small group instruction, silent reading, paragraph, and essay composition, as well as the Read 180 interactive computer program. The goal of this course is to raise students’ literacy to grade level and prepare them for CP English II or CP English III the following year.



All Mathematics courses are aligned to the California Mathematics Content Standards.
Approved Mathematics Courses meet the (c) requirement for admission to the UC/CSU systems.

MATH I **Grade Level: 9-10**

Course # 2212

Prerequisite: None

Length: Year

This course is UC/CSU (c) and district approval to meet college entrance 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, Poly-nomial 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.

ADV MATH I **Grade Level: 9**

Course # 2213

Prerequisite: *By placement (B or better in Adv. Math 8, and/or District Assessment Results)*

Length: Year

This course is UC/CSU (c) and district approval to meet college entrance 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, Poly-nomial Expressions, Exponential Functions, Geometric Properties and Congruence, Probability and Statistics, and Pre-Calculus standards (circular functions and trigonometry, matrices). 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. This course, along with Adv. Math II and Adv. Math III will provide the depth and scope of math instruction that will prepare students to take Advanced Placement (AP) math course(s).



MATH II

Grade Level: 10-11

Course # 2216

Prerequisite: *C or better in Math I (Priority for students grade 12)*

Length: Year

This course meets UC/CSU (c) and District 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 Numbers 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.

ADV MATH II

Grade Level: 9-10

Course# 2217

Prerequisite: *By placement (B or better in Adv. Math I, and/or District Assessment Results)*

Length: Year

This course meets UC/CSU (c) and District 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 fluency in mathematics. This course, along with Advanced Math I and Advanced Math III, will prepare students to take an Advanced Placement (AP) math class. Advanced Math II will extend the mathematics students learned in earlier grades and apply concepts in Number and Quantity, Algebra, Functions, Modeling, Geometry, Probability and Statistics, as well as Complex Numbers, Conics, and Matrix Quantities. 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, Modeling Data, and Complex Numbers, Conics and Matrices (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, 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.



MATH III

Grade Level: 11-12

Course # 2218

Prerequisite: *C or better in Math II (Priority for students grade 12)*

Length: Year

This course meets UC/CSU (c) and District 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, Modeling with Geometry and Functions, Trigonometric functions, and 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.

ADV MATH III

Grade Level: 10-11

Course #2219

Prerequisite: *By placement (B or better in Advanced Math II)*

Length: Year

This course meets UC/CSU (c) and District 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 learned 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, Poly-nomial, 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, 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 ALGEBRA WITH FINANCIAL APPLICATIONS

Grade Level: 11-12

Course # 2215

Prerequisite: *C or better in Math II*

Length: Year

This course meets UC/CSU (c) and District requirements for math credit. Advanced Algebra with Financial Applications is a college-preparatory course that will use advanced mathematics to give you the tools to become a financially responsible young adult. The course uses all levels of mathematics to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting, and planning for retirement are solved by applying mathematics. Field projects, computer spreadsheets, and graphing calculators are key components of the course.

MRWC Math IV

Grade level: 12

Course # 2355

Prerequisite: *Grade of B or better in Math III or must have a score of 2 in CAASPP with a C in Math III*

Length: Year

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

MATH 90- ELEMENTARY ALGEBRA

Grade Level: 11-12

Course #: 2475

Prerequisite: *By placement*

Length: 1 Year

This course is UC/CSU (c) and district approval to meet college entrance and district graduation requirements for math credit. 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 assess 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 factor polynomials.



INTRODUCTION TO STATISTICS

Grade Level: 12

Course # 2320

Prerequisite: *By placement only*

Length: Year

This course meets MVUSD requirements for math or elective credit. This course is a basic 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 a variety of ways in order to make formal and informal inferences. This course will incorporate hands-on experience with data and statistical ideas in order to create a better understanding of the unique world we live in.

PROBABILITY & STATISTICS

Course # 2415

Prerequisite: *Grade of C or better in Math III*

Length: Year

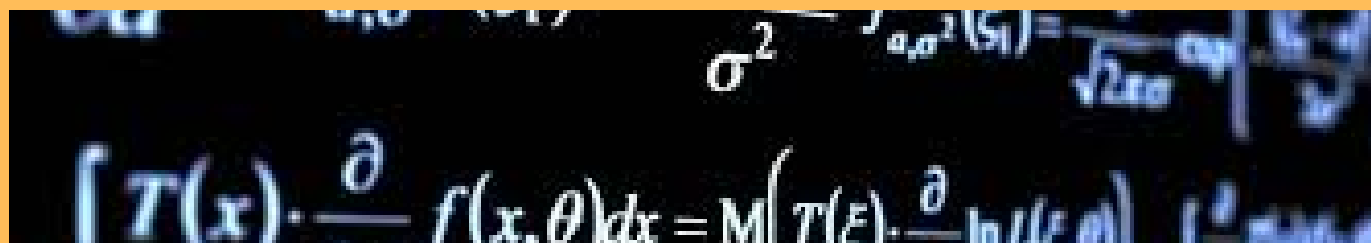
This course meets UC/CSU (c) and MVUSD math requirements. This course is an introduction to statistics that emphasizes working with data and statistical ideas. Students will learn the usefulness of data analysis and will be able to examine data in order to make formal and informal inferences. This course 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 is recommended for this course.

AP Pre-Calculus Course # 2352

Prerequisite: *By placement only*

Length: Year

This course meets UC/CSU (c) and District math requirements. 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

Grade Level: 11-12

Course # 2400

Prerequisite: *By placement only*

Length: Year

This course meets UC/CSU (c) and MVUSD math requirements. This course is designed to prepare students for the AP Calculus AB exam. 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. **Students are encouraged to take the AP exam.**

ADVANCED PLACEMENT CALCULUS BC

Grade Level: 11-12

Course # 2405

Prerequisite: *By placement only*

Length: Year

This course meets UC/CSU (c) and MVUSD math requirements. This course is designed to prepare students for the AP Calculus BC exam. 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 in parametric form; the concept of series including types of series and convergence tests; Taylor series including polynomial approximation, power series, the interval of convergence and Lagrange error for Taylor polynomials. **Students are encouraged to take the AP exam.**

ADVANCED PLACEMENT STATISTICS

Grade Level: 11-12

Course # 2410

Prerequisite: *Grade of B or better in Math III*

Length: Year

Juniors enrolling in this course must be concurrently enrolled in Adv. Math III or higher. This course meets UC/CSU (c) and MVUSD math requirements. 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 are required. **Students are encouraged to take the AP exam.**



**All Science courses are aligned to the California Science Content Standards.
Approved Science Courses meet the (d) requirement for admission to the UC/CSU systems**

CP BIOLOGY

Grade Level: 9-12

Course # 3025

Prerequisite: *By placement*

Length: Year

This course meets UC/CSU (d) laboratory and MVUSD life science graduation requirements. 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.

ADVANCED PLACEMENT BIOLOGY

Course # 3031

Grade Level: 11-12

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

Length: Year

This course meets UC/CSU (d) laboratory science and MVUSD 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 freshmen. The course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of Biology. The course is designed to prepare students to take the Advanced Placement Biology examination. Colleges may give advanced placement and/or college credit based on the result of the examination. **Students are encouraged to take the AP Exam.**

CHEMISTRY

Grade Level: 10-12

Course # 3525

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

Length: Year

This course meets UC/CSU (d) laboratory and MVUSD physical science graduation requirements. This course deals with the quantitative and qualitative study of elements, compounds, and molecules. Students will study the basic laws of chemistry, chemical bonds, chemical reactions, chemical equations, and stoichiometry, chemical kinetics, equilibrium, electrochemistry, and acid-base theories. A minimum of 20% of class time will be spent on laboratory experiences.



ADVANCED PLACEMENT CHEMISTRY

Grade Level: 11-12

Course # 3528

Prerequisite: *Grade B or better in Biology and Chemistry, successful completion of Math II*

Length: Year

This course meets UC/CSU (d) physical science laboratory and MVUSD physical science requirements. 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. **Students are encouraged to take the AP exam.**

PHYSICS

Grade Level: 11-12

Course # 3530

Prerequisite: *Prerequisite: Grade of C or better in Algebra II and or Math II, Chemistry or with teacher or Department Chair approval.*

Length: Year

This course meets UC/CSU (d) physical science laboratory and MVUSD physical science or elective credit requirements. Students study mechanics, heat, light, sound, electromagnetism, waves, relativity, and nuclear physics. 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 I

Grade Level: 11-12

Course # 3531

Prerequisite: *Grade B or better in Chemistry with concurrent enrollment in Math II or higher or teacher or Department Chair approval*

Length: Year

This course meets UC/CSU (d) physical science laboratory and MVUSD graduation science requirements. Advanced Placement Physics is a rigorous course designed to be the equivalent of a college introductory Physics courses are usually taken by non-calculus-based Physics majors. Physics I Algebra-Based is the equivalent of a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. This course is a laboratory-based course with an emphasis on practical hands-on experience. This course is designed to prepare students to take the AP Physics examination. Colleges may give AP and/or college credit based on the result of the examination. Students are encouraged to take the AP Exam.



ANATOMY AND PHYSIOLOGY

Grade Level: 11-12

Course# 3040

Prerequisite: *Grade C or better in CP Biology or with approval of teacher or Dept. Chair*

Length: Year

This course meets UC/CSU (d) laboratory and MVUSD life science graduation requirements. 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 20% of class time will be spent on laboratory experiences including dissections.

*Articulated with MSJC, allowing the opportunity for students to earn college credits. For more information, contact your teacher.

EARTH SCIENCE

Grade Level: 10-12

Course# 3500

Prerequisite: *By placement*

Length: Year

This course meets MVUSD 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 explore Earth’s relationship to the solar system and beyond. Students will learn topics such as geology, oceanography, climatology, and astronomy from a dynamic perspective that 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.

MARINE BIOLOGY

Grade Level: 11-12

Course # 3010

Prerequisite: *Completion of 1 year of Life Science AND 1 year Physical Science*

Length: Year

This course meets UC/CSU (g) science elective and MVUSD life science graduation requirements. 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 20 % of the course will include labs, dissections, and projects.



ENVIRONMENTAL HORTICULTURE SCIENCE

Grade Level: 11-12

Course # 3030

Prerequisite: *Completion of CP Biology and Math I*

Length: Year

This course meets UC/CSU (g) science elective credits and one year of MVUSD graduation requirements. This course is designed to provide the student with theories and principles related to environmental horticulture science. This course will successfully prepare college-bound students for a major in agricultural science. Students will learn and utilize a hands-on approach to the structure, growth processes, propagation, physiology, growth media, biological competitors, organic alternatives, crop science, biotechnology, and post-harvest factors of food, fiber, and plants.

ENVIRONMENTAL SCIENCE Course # 3100

Grade Level: 11-12

Prerequisite: *Completion of 1 year of Life Science AND 1 year of Physical Science*

Length: Year

This course meets UC/CSU (g) science elective credit and one year of MVUSD graduation requirements for either life or physical science. In this course, students will understand 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 using scientific tools and instruments used for measurement and experimentation. A minimum 20% of class time will be devoted to laboratory experiences.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Grade Level: 11-12

Course # 3101

Prerequisite: *Completion of Chemistry and Math II with a grade of B or better, teacher approval, and a signed AP contract.*

Length: Year

This course meets UC/CSU (g) science elective credits and one year of MVUSD graduation requirements. 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 20% of class time will be devoted to laboratory experiences. Students are encouraged to take the AP exam.

SCIENCE

ADVANCED BIOMEDICAL SCIENCE

Grade Level: 12

Course # 3555

Prerequisite: *Grade C or better in Anatomy and Physiology*

Length: Year

This course meets the UC/CSU (d) requirement and MVUSD graduation requirement for Science. Advanced Biomedical Science seeks to relate the 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 gives 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 including aseptic blood and urine analysis, and laboratory procedures such as bacterial growth and gel electrophoresis. Certain Bio-logical 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% class time will include laboratory experiences.

Health



HEALTH

Grade Level: 9

Course # 8075

Prerequisite: *None*

Length: Semester

This course meets MVUSD and California State requirements for health and personal fitness. This course is required of all freshmen. Students are presented with current research. The curriculum includes four unifying ideas from the nine major areas of health instruction: Personal Health, Consumer and Community Health, Injury Prevention and Safety, Tobacco, Alcohol, and Other Drugs, Nutrition Education, Environmental Health, Family Living, Individual Growth and Development and Communicable and Chronic Diseases

SOCIAL SCIENCE



All Social Science courses are aligned to the California Social Science Content Standards. Approved Social Science Courses meet the (a) requirement for admission to the UC/CSU systems.

MODERN WORLD HISTORY

Grade Level: 10

Course # 1501

Prerequisite: *None*

Length: Year

This course meets UC/CSU (a) and MVUSD 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 directed, 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.

UNITED STATES HISTORY

Grade Level: 11

Course # 1600

Prerequisite: *None*

Length: Year

This course meets UC/CSU (a) and MVUSD history requirements. 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.

ECONOMICS

Grade Level: 12

Course # 1702

Prerequisite: *None*

Length: Semester

This course meets UC/CSU (g) elective and MVUSD graduation requirements. 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 effect businesses.

ADVANCED PLACEMENT MACROECONOMICS

Grade Level: 12

Course # 1705

Prerequisite: *Teacher approval and signed AP contract*

Length: Year

This course meets UC/CSU (g) elective and MVUSD graduation requirements. This course will give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Course content will emphasize the study of national income and price-level determination and also develop students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. **Students are encouraged to take the AP exam.**

SOCIAL SCIENCE



ADVANCED PLACEMENT WORLD HISTORY

Grade Level: 10-12

Course # 1503

Prerequisite: *Teacher approval and signed AP contract*

Length: Year

This course meets UC/CSU (a) and MVHS graduation requirements for social science credit. Advanced Placement World History focuses on developing students' abilities to think conceptually about world history from approximately 1200CE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance; focusing on the environment, cultures, state-building, economic systems, and social structures provide areas of historical inquiry for investigation throughout the course. AP World History

encompasses the history of the five major 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 are encouraged to take the AP exam.**

ADVANCED PLACEMENT HUMAN GEOGRAPHY

Grade Level: 9-12

Course # 1918

Prerequisite: *Teacher approval and signed AP contract*

Length: Year

This course meets UC/CSU (a) elective and MVUSD graduation requirements. The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine the human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Students can take AP Human Geography and get credit for 10th grade World History. **Students are encouraged to take the AP exam.**

ADVANCED PLACEMENT U.S. HISTORY

Grade Level:

11

Course # 1601

Prerequisite: *Teacher approval and signed AP contract*

Length: Year

This course meets UC/CSU (a) and MVUSD history requirements. 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 directed, cooperative and inquiry approaches. The students will examine and master major turning points in the shaping of American history from 1608 - present. A heavy emphasis will be placed on timed essay writing.

Regular after-school seminars will be held throughout the year.

Students are encouraged to take the AP exam.

SOCIAL SCIENCE



ETHNIC STUDIES

Grade Level: 11-12

Course # 1925

Prerequisite: *None*

Length: Semester

The course is UC/CSU approved and satisfies a (g) requirement. Ethnic Studies help bring students and the community together. The purpose of this course is to educate students to be politically, socially, and economically conscious about their personal connections to local and national history. This course will focus on the experiences of African Americans, Asian Americans, Latinx, Native Americans, and other historically marginalized groups in The United States. In addition, Ethnic Studies include social justice standards that emphasize identity, diversity, justice, and action. Thus, encouraging students to apply their knowledge to practice being agents of change and collectively transforming communities.

UNITED STATES GOVERNMENT

Grade Level: 12

Course # 1700

Prerequisite: *None*

Length: Semester

This course meets UC/CSU (a) and MVUSD history requirements. 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 GOVERNMENT

Grade Level: 12

Course # 1701

Prerequisite: *Teacher approval and signed AP contract*

Length: Year

This course meets UC/CSU (a) and MVUSD history requirements. 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. The course work includes a research paper, SAT and AP test preparation, and encompasses economics instruction. **Students are encouraged to take the AP exam.**



PHYSICAL EDUCATION 9

Grade Level: 9

Course # 2700

Prerequisite: None

Length: Year

This course meets MVUSD graduation requirements for Physical Education. This course is required of all freshmen. 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 tests will be administered in the spring semester.

*NJROTC can be taken in lieu of PE 9

UNIFIED PHYSICAL EDUCATION 1

Grade Level: 9

Course # 2715

Prerequisite: *Teacher Recommendation (by application)*

Length: Year

This course is a fully inclusive program that combines students with disabilities and students without in a 50/50 ratio. 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.

UNIFIED PHYSICAL EDUCATION 2

Grade Level: 10-12

Course # 2716

Prerequisite: *Teacher recommendation (by application)*

Length: year

This course is a fully inclusive program that combines students with disabilities and students without in a 50/50 ratio. 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.

BODY COMPOSITION AND FITNESS

Grade Level: 10-12

Course # 2810

Prerequisite: None

Length: Year

This course meets the second year of District graduation requirements for physical education or elective credit. This course is designed for students 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 and personal growth, and social evolution.



WALKING FOR FITNESS

Grade Level: 10 -12

Course # 2835

Prerequisite: *None*

Length: Year

This course meets MVUSD approval for the second year of Physical Education graduation requirements. This course is designed for students interested in a total fitness program with an emphasis on fitness walking. Students will learn basic walking techniques to build

strength, stamina, and strategies for setting goals and staying motivated. Daily participation in exercises that improve flexibility, muscle strength, muscle endurance, and cardio-respiratory 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. Each student will be required to keep a journal.

COURT SPORTS

Grade Level: 10 -12

Course # 2820

Prerequisite: *None*

Length: Year

This course meets the second year of MVUSD 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, volleyball, and badminton. 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

Grade Level: 10 -12

Course # 7220

Prerequisite: *None*

Length: Year

This course meets UC/CSU Visual & Performing Arts and MVUSD requirements for Physical Education or Visual and Performing Arts. 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.

DANCE II

Grade Level: 10 -12

Course # 7230

Prerequisite: *Grade C or better in Dance I and teacher approval*

Length: Year

This course meets UC/CSU (f) and MVUSD requirements for the second year of Physical Education or Visual & Performing Arts. 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 dance forms including intermediate jazz, lyrical, modern character, and ballet. The components covered in dance include aesthetic perception creative expression, choreography concepts, and aesthetics valuing.



ADVANCED DANCE CHOREOGRAPHY PRODUCTION (DANCE III)

Course # 7231

Grade Level: 9-12

Prerequisite: *Audition only and teacher approval*

Length: Year

Dance III is designed for highly motivated dance students. Students in the course will be exposed to advanced dance techniques in the areas of ballet, modern, jazz, lyrical/contemporary, and hip-hop. Through the introduction of these advanced techniques, the

students will gain a working vocabulary of movement that will help them progress further with their improvisational skills and choreography. Classroom activities will include dance improvisation, student choreography, preparation for dance production, and opportunities for student performance of the acquired technical skills. Daily participation in exercises that improve flexibility, muscle strength, dance technique, and cardiovascular endurance will emphasize the benefits of lifetime health and fitness. Students will have the opportunity to see live performances and respond critically through written form. Dance theories in historical context and with an overview of cultural diversity will be taught. Injury prevention, health, nutrition for dancers, and postsecondary dance career and school opportunities will also be explored throughout the duration of this course. Goals for Artistic Communication Component This goal is to demonstrate to students how they can naturally use artistic forms of communication to transition to a variety of styles of dance. Students become more effective and efficient at using their natural artistic abilities as they come to realize that art and dance is both accessible and intrinsic in their day-to-day lives.

RECREATIONAL AND LIFETIME ACTIVITIES

Grade Level: 10-12

Course # 2840

Prerequisite: *None*

Length: Year

This course meets the second year of MVUSD graduation requirements for physical education or elective credit. This course is designed for students interested in participating in popular recreational activities such as softball, bowling, tennis, volleyball, Frisbee, over-the-line, badminton, table tennis, swimming/snorkeling, 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.

TEAM FIELD SPORTS

Grade Level: 10-12

Course # 2850

Prerequisite: *None*

Length: Year

This course meets the second year of MVUSD graduation requirements for physical education or elective credit. This course is designed for students interested in participating in team field sports such as flag football, Ultimate Frisbee, softball, lacrosse, speed ball, soccer, and other team/field games. 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.



LIFEGUARD TRAINING

Grade Level: 10-12

Course # 2797

Prerequisite: *At least 15 years of age, must be able to swim 300 meter continuous prone swim, be able to surface dive retrieving a 10 lb. brick, and swim with it 40 yards. Students must be able to tread water for 2 minutes. Students must complete the Lifeguarding portion of the course to be eligible for the second semester (semesters must be taken concurrently).*

Length: Year

This course meets MVUSD graduation requirements for Physical Education or Elective credit. The first-semester course provides instruction, demonstration of skills, and knowledge needed to prevent and respond to aquatic emergencies. This portion of the course fulfills the requirements for the American Red Cross certification in Lifeguard Training including CPR/AED, and First Aid. Students must pay for American Red Cross and Water Safety Instruction certification.





NJROTC COMPETITION DRILL

Course # 7980

Grade Level: 9-12

Prerequisite: *Enrollment in NJROTC I - IV*

Length: Year

This course meets MVUSD/UC/CSU graduation requirements for (f) Visual and Performing Arts. 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, reviews, parades, and development of the command voice. Students are provided detailed instructions on ceremonial performances and protocol for military and civilian events and have the opportunity to personally learn drill.

NJROTC—NAVAL SCIENCE LEVEL I

Grade Level: 9-12

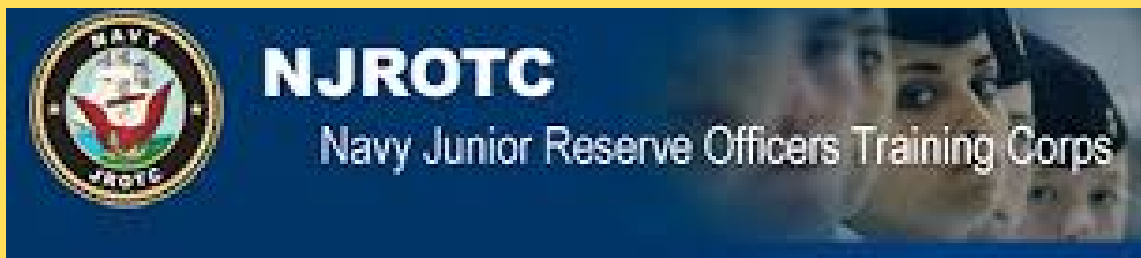
Course # 7985

Prerequisite: *2-year commitment required*

Length: Year

This course meets MVUSD/UC/CSU graduation requirements for elective or physical education credit. The NJROTC program is designed to instill in students the values of citizenship, patriotism, personal responsibility, and a sense of accomplishment. The purpose of NJROTC I is to introduce students to the meaning of citizenship, the elements of leadership, and the value of scholarship in attaining life goals; promote an awareness of the importance of a healthy lifestyle, including physical fitness, a proper diet, and controlling stress; drug awareness; provide the principles of health and first aid, geography and survival skills and an overview of Naval ships and





(Cont'd) NJROTC—NAVAL SCIENCE LEVEL I

Grade Level: 9-12

Course # 7985

Prerequisite: 2-year commitment required

Length: Year

aircraft. These elements are pursued at the fundamental level. Course Content includes introduction to the NJROTC program; introduction to Leadership, Citizenship, and the American Government; introduction to Wellness, Fitness, and First Aid to include diet, exercise, drug awareness, introduction to Geography, Orienteering, Survival, and Map Reading Skills; Financial Skills and introduction to the U. S. Navy.

NJROTC - NAVAL SCIENCE LEVEL II

Grade Level: 10 -12

Course # 7986

Prerequisite: Successful completion of NJROTC I

Length: Year

This course meets MVUSD/UC/CSU graduation requirements for elective or physical education credit. The NJROTC program is designed to instill in students the values of citizenship, patriotism, personal responsibility, and a sense of accomplishment. The purpose of NJROTC II is to build on the general introduction provided in Naval Science 1, to further develop the traits of citizenship and leadership, and to introduce cadets to the technical areas of naval science and the role of the U. S. Navy in maritime history and the vital importance of the world's oceans to the continued well-being of the United States. Course content includes ongoing instruction in Leadership; an introduction to Maritime History, including the American Revolution, Civil War, the rise of the U. S. to world power status, World Wars 1 and 2, the Cold War Era, and the 1990s and Beyond; introduction to Nautical Sciences to include Maritime Geography, Oceanography, Meteorology, Astronomy, and Physical Sciences.

NJROTC -NAVAL SCIENCE LEVEL III

Grade Level: 10-12

Course # 7987

Prerequisite: Successful completion of NJROTC II

Length: Year

This course meets MVUSD/UC/CSU graduation requirements for elective or physical education credit. The NJROTC program is designed to instill in students the values of citizenship, patriotism, personal responsibility, and a sense of accomplishment. The purpose of NJROTC III is to broaden the understanding of students of the operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of objectives, and the importance of sea power and national security. Students gain a more in-depth knowledge of Naval ships and aircraft and an introduction to marine navigation and seamanship. The Course Content includes instruction in Sea Power and National Security, Naval Operations and Support Functions, Military Law, and International Law and the Sea. Provides an introduction to Ship Construction and Damage Control, Shipboard Organization and Watch Standing, Basic Seamanship, Marine Navigation, and Naval Weapons and Aircraft with ongoing instruction in leadership, citizenship and discipline



NJROTC - NAVAL SCIENCE LEVEL IV

Grade Level: 10 -12

Course # 7988

Prerequisite: *Successful completion of NJROTC III*

Length: Year

This course meets MVUSD/UC/CSU graduation requirements for elective or physical education credit. The NJROTC program is designed to instill in students the values of citizenship, patriotism, personal responsibility, and a sense of accomplishment. The purpose of NJROTC IV is to focus on practical leadership techniques and implementation. The intent is to assist seniors in understanding leadership and improving their leadership skills by putting them in positions of leadership, under supervision, then helping them analyze the reasons for their varying degrees of success throughout the year. Classroom activities include seminars, reading assignments, classroom presentations, and practical work with younger cadets. Seniors are mentored/guided in their preparation for life after high school including college preparation, scholarship applications, and the variety of choices that are available to them. Course content includes instruction in theoretical and applied aspects of leadership, training, and evaluation of performance. Students will become aware of the techniques used to create motivation, develop goals and activities for a work group, and the proper ways to set a leadership example. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long range life goals.





**Approved World Language Courses meet the
(E) requirement for admission to the UC/CSU systems.**

AMERICAN SIGN LANGUAGE I

Grade Level: 9-11

Course # 4050

Prerequisite: *None*

Length: Year

This course meets UC/CSU (e) and MVUSD graduation requirements for world language credit. It's required that 9th graders have a 3.0 GPA to enroll. 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 regularly in order to enhance student's linguistic

AMERICAN SIGN LANGUAGE II

Grade Level: 10 - 12

Course # 4060

Prerequisite: *Grade C or better in ASL I*

Length: Year

This course meets UC/CSU (e) and MVUSD graduation requirements for elective 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 regularly to enhance student's linguistic abilities.

AMERICAN SIGN LANGUAGE III

Grade Level: 11-12

Course # 4070

Prerequisite: *Grade C or better in ASL II*

Length: Year

This course meets UC/CSU (e) and MVUSD graduation requirements. Students will learn about the language and culture of the deaf community. Advanced 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 regularly to enhance student's linguistic abilities. Use of expressive communication will vary from 75% to 100%, while receptive communication will range from 75% to 95% during instructional time.

*Articulated with MSJC, allowing the opportunity for students to earn college credits. For more information, contact your teacher.



AMERICAN SIGN LANGUAGE IV

Grade Level: 11-12

Course # 4080

Prerequisite: *Grade C or better in ASL III*

Length: Year

This course meets UC/CSU (e) and District graduation requirements. 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 regularly to enhance student's linguistic abilities. The use of expressive and receptive communication will remain at 100% during instructional time.

*Articulated with MSJC, allowing the opportunity for students to earn college credits. For more information, contact your teacher.



FRENCH I

Grade Level: 9 -11

Course # 4200

Prerequisite: *None*

Length: Year

This course meets UC/CSU (e) and MVUSD graduation requirements for world language credit. It's **required** that 9th graders have a 3.0 GPA to enroll. Students will develop basic communicative and literacy skills. Instruction will consist of learning grammatical structures, reading short stories, writing short compositions with simple and compound sentences, and doing oral presentations. Students will also be exposed to the history, geography, and culture of the French-speaking world. There will be different types of assessments, including multiple-choice tests, short essays, and portfolios. This course prepares students to take French II the following year.

FRENCH II

Grade Level: 10 -12

Course # 4210

Prerequisite: *Grade C or better in French I*

Length: Year

This course meets UC/CSU (e) and MVUD graduation requirements for world language credit. Students will continue developing their communicative and literacy skills. Instruction will consist of more advanced grammatical structures, reading traditional short stories from French authors, writing compositions with simple, compound, and complex sentences, and doing oral presentations. Students will also be exposed to the history, geography, and culture of the French-speaking world. There will be different types of assessments, including portfolios, multiple-choice tests, and essays. This course prepares students to take French III the following year.

SPANISH I**Grade Level: 9 -11****Course # 4100****Prerequisite:** *Grade of C or better in previous English course***Length:** Year

This course meets UC/CSU (e) and MVUSD graduation requirements for world language credit. It's **required** that 9th graders have a 3.0 GPA to enroll. This course is designed for students who are taking Spanish as a second language. Students will develop basic communicative and literacy skills. Instructions will consist of learning grammatical structures, reading short stories, writing short compositions with simple and compound sentences, and doing oral presentations. Students will also be exposed to the history, geography, and culture of the Spanish-speaking world. There will be different types of assessments, including multiple-choice tests, short essays, and portfolios. This course prepares students to take Spanish II the following year.

SPANISH II**Grade Level: 9 -12****Course # 4110****Prerequisite:** *Grade C or better in Spanish I***Length:** Year

This course meets UC/CSU (e) and MVUSD graduation requirements for world language credit. This course is designed for students who are taking Spanish as a second language. Students will continue developing their communicative and literacy skills. Instruction will consist of learning compound grammatical structures, reading traditional short stories from Latin America and Spain, writing compositions with simple, compound and complex sentences, and doing oral presentations. Students will also be exposed to the history, geography, and culture of the Spanish-speaking world. There will be different types of assessments, including portfolios, multiple-choice tests, and essays. This course prepares students to take Spanish III the following year.

SPANISH III**Grade Level: 10 - 12****Course # 4120****Prerequisite:** *Grade C or better in Spanish II***Length:** Year

This course meets UC/CSU (e) and MVUSD graduation requirements for world language credit. This course is designed for students who are taking Spanish as a second language. Students will continue developing their academic language proficiency in Spanish through communicative and literacy instructions. Instruction will consist of learning advanced grammatical structures, reading traditional stories from Latin America and Spain, writing compositions, literary responses, essays, keeping a journal, and doing oral presentations. Students are expected to read, write, and critically discuss literary works. There will be different types of assessments, including portfolios, multiple-choice tests, and essays. This course prepares students to take Spanish IV or Advanced Placement (AP) Spanish Language the following year.



WORLD LANGUAGES



ADVANCED PLACEMENT SPANISH LANGUAGE

Grade Level: 11-12

Course # 4130

Prerequisite: *Grade B or better in Spanish III, or Spanish for Spanish Speakers II, teacher approval, and signed AP contract*

Length: Year

This course meets UC/CSU (e) and MVUSD graduation requirements for world language 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. **Students are encouraged to take the AP exam.**

ADVANCED PLACEMENT SPANISH LITERATURE

Grade Level: 11-12

Course # 4133

Prerequisite: *Grade B in Spanish III or Grade C or better in AP Spanish Language, teacher approval, signed AP contract*

Length: Year

This course meets UC/CSU (e) and MVUSD approval for graduation requirements for world language credit. The Advanced Placement Spanish Literature course prepares students to take the AP Spanish Literature exam and develop proficiency by analyzing and interpreting literary texts in Spanish. AP Spanish Literature emphasizes 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. **Students are encouraged to take the AP exam.**

ESPAÑOL PARA HISPANO HABLANTES NIVEL I

Grade Level: 9-12

Curso # 4150

Requisito: *Recomendación del maestro*

Duración: un año

Este curso satisface los requisitos de UC/CSU y del distrito para dar crédito académico en la lengua extranjera o crédito electivo. Este curso está diseñado para desarrollar el nivel del lenguaje académico de los hispanohablantes. En esta clase, los estudiantes desarrollarán el nivel académico en la comunicación y la lecto-escritura. Habrá énfasis en la lectura, escritura, vocabulario, y estructuras gramaticales. Con la conclusión de este curso, el estudiante podrá tomar Español para Hispanohablantes nivel II el siguiente año.



HABLA
ESPAÑOL?



WORLD LANGUAGES

SPANISH FOR SPANISH SPEAKERS I

Grade Level: 9-12

Course # 4150

Prerequisite: *Teacher placement based on assessment*

Length: Year

This course meets UC/CSU (e) and MVUSD graduation requirements for World Language or elective credit. This course is designed to develop Spanish-speaking students' academic language proficiency through instruction in reading and writing. Language usage, vocabulary, writing, reading, and grammatical structures are emphasized. This course prepares students to transition into Spanish for Spanish Speakers II.

ESPAÑOL PARA HABLANTES DE ESPAÑOL Nivel II

Grade Level: 9-12

Curso #4160

Duración: Año

Prerrequisito: *Calificación C o mejor en Español para Hispanohablantes I o ubicación del maestro según la evaluación*

Este curso cumple con los requisitos de UC/CSU (e) y del distrito para crédito de idioma distinto del inglés y está diseñado para desarrollar aún más el dominio cognitivo académico del idioma de los estudiantes de habla hispana a través de un enfoque basado en la alfabetización. Se enfatizan las estructuras gramaticales simples y complejas, la lectura y la escritura a través de la literatura española. Prepara a los estudiantes para la transición a Español IV o al idioma Español de Colocación Avanzada.

SPANISH FOR SPANISH SPEAKERS II

Grade Level: 9-12

Course #4160

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 Language Other than English credit and is designed to further develop Spanish-speaking students' 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.



RCOE CULINOLOGY

Course # 4361

Prerequisites: *None*

Length: Year

This course meets MVUSD requirements for elective credits. This is the 1st year course of a 3 year course CTE. This class fulfills requirements for culinary art, baking, and hospitality. The ability to understand and carry out required health and safety standards, safely handle sharp kitchen tools and operate kitchen equipment and use independent judgment in planning and carrying out a sequence of activities. Students must be free from communicable diseases and have clean personal habits and dress and use diplomacy and tact in dealing with customers. There is a dress requirement that complies with health sanitation and safety laws (State Law AB1978) and HACCP regulation for dress code. The program prepares students with food production and preparation along with learning service skills for use in any food and hospitality-related occupations. Lessons include planning, selecting, storing, purchasing, preparing, testing, serving, and selling food and food products. Lessons also include nutrition values, safety and sanitation, use and care of commercial kitchen equipment and tools, restaurant management, food cost and profit analysis, side work and customer service and handling cash and credit transactions.

Grade Level: 9-10

RCOE ADV. CULINARY ARTS

Course # 7925

Prerequisite: Successful completion of RCOE Culinary. The ability to understand and carry out required health and safety standards, safely handle sharp kitchen tools and operate kitchen equipment and use independent judgment in planning and carrying out a sequence of activities. Students must be free from communicable diseases and have clean personal habits and dress and use diplomacy and tact in dealing with customers. There is a dress requirement that complies with health sanitation and safety laws (State Law AB1978) and HACCP regulation for dress code.

Grade Level: 10 -11

Length: Year

This course meets MVUSD requirements for elective credit. This is the 2nd-year course of a 3-year course CTE. The purpose of this course is to prepare students for culinary school and a career in the restaurant business. The Culinary Arts course combines elements of artistry, science, and business skills to prepare students for an exciting career in the culinary field. Students will learn the proper use of kitchen tools, equipment, portion control, measurement, menu planning, and budgeting, sanitation and safety, personal hygiene, job search, and interpersonal skills and attributes necessary for success in the restaurant industry.

RCOE CULINARY MANAGEMENT

Course # 4362

Prerequisite: *Successful completion of CTE Culinary Arts and teacher approval.*

Length: Year

This capstone course offers a unique blend of hospitality management and advanced culinary arts training for high school students. Students with previous culinary arts experience will develop management techniques used in work-based learning events such as dinner services, catering opportunities, and internships. Students will participate in activities to build leadership and teamwork skills while collaborating with clients and classmates. Students will gain an understanding of the importance of professional ethics and the legal responsibilities while solving a variety of problems using critical thinking skills.

Grade Level: 11-12



Business/ Culinary Pathway



CAREER / I.C.T

Course # 7560

Prerequisite: None

Length: Semester

Grade Level: 9

This course meets MVUSD graduation requirements and it is required of all freshmen. Career I.C.T. is a course that provides the student with base knowledge for learning in the 21st century. It incorporates defining, evaluating, managing, and communicating information, media literacy, and career development skills through the use of research, critical thinking, self-exploration, problem-solving, and career readiness skills. Students will learn how to locate, use, evaluate and access the information from the California College Guidance Initiative that aligns with the Senior Culminating Project and which encourages students to adapt, change and pursue their life passions. Students not only learn about careers and colleges but learn basic operations in Microsoft Office Suite to effectively use the Internet and other ap-plications necessary for future achievement.

Entrepreneurship: Introduction to Business

Course # 7647

Prerequisite: None

Length: Year

Grade Level: 9 -10

This course meets MVUSD graduation requirements for elective credit. (Pending A—G approval)
Entrepreneurship recognizes the importance of a business opportunity. From the initial idea to the operating and maintaining a business, this course explores every aspect of business ownership. Entrepreneurship is necessary not only for students who will become entrepreneurs but also for individuals working in the increasingly competitive corporate world. In United States small businesses makes up close to 90% of all businesses. Entrepreneurship integrates the functional areas of business—accounting, finance, marketing, and management – and the legal and economic environments in which any new venture operates.

BUSINESS PRINCIPLES, MARKETING AND FINANCE

Course # 7629

Prerequisite: None

Length: Year

Grade Level: 10 -12

Prerequisite: Entrepreneurship (Students who have taken the Entrepreneurship course will have priority registration)

This course is the 2nd course (concentrator) in the Business – Entrepreneurship/Self Employment Pathway. In Principles of Business, Marketing and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. Students will also study Personal Finance and understand the importance of financial literacy. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.



Business/ Culinary Pathway

ACCOUNTING I

Course # 7600

Prerequisite: *Completion of Algebra I*

Length: Year

Grade Level: 11-12

This course meets District requirements for elective credit or one year of math after the successful completion of Algebra I and one additional math course. This course is designed for students interested in pursuing a career in Business or Accounting. The focus of the course is on manual and automated accounting procedures, with an emphasis on the language of business, and providing initial knowledge needed for an accounting career. Students will learn the basic principles of double-entry accounting systems for service and merchandising businesses organized as sole proprietorships, partnerships, and corporations. Students will use and become familiar with current accounting software programs such as QuickBooks.



ENGINEERING/COMPUTER SCIENCE PATHWAY

Approved Elective Courses meet the (g) requirement for admission to the UC/CSU systems.



AP COMPUTER SCIENCE PRINCIPLES

Course # 7571

Prerequisite: *None*

Length: Year

This course introduces the foundational concepts of computer science and challenges students to explore how computing and technology impact the world. Topics include programming, abstractions, algorithms, big data, digital privacy & security, and the societal impacts of computing. The completion of Summer Homework is Mandatory.

Grade Level: 9-10

Computer Programming

Course #7574

Prerequisite: *AP Computer Science Principles*

Length: Year

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 Python and Machine Controlling Languages using a structured programming style. Students will build upon skills and practices relevant to prepare for entry-level employment and post-secondary education in the computer science field.

Grade Level: 10-11

CYBERSECURITY

Course#7573

Prerequisite: *AP Computer Science or instructor approval*

Length: Year

The Cybersecurity Fundamentals Course will provide learners with principles of data and technology that frame and define cybersecurity. Learners will gain insight into the importance of cybersecurity and the integral role of cybersecurity professionals. The interactive and hands-on format will provide a dynamic learning experience where users can explore foundational cybersecurity principles, security architecture, risk management, attacks, incidents, and emerging IT and IS technologies.

Grade level: 11-12

ENGINEERING/COMPUTER SCIENCE PATHWAY



INTRO TO DESIGN

Course #2445

Prerequisite: *Concurrent enrollment in Algebra or higher*

Length: Year

Grade Level: 9-10

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.

DESIGN II PRINCIPLES OF ENGINEERING

Course #2446

Prerequisite: *Intro to Design*

Length: Year

Grade Level: 10-11

Principles of Engineering (POE) is a foundation course of the high school engineering pathway. This survey course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary-level knowledge and skills in mathematics, science, and technology. Students have the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APB) learning. By solving rigorous and relevant design problems using engineering and science concepts within a collaborative learning environment, APB learning challenges students to continually hone their interpersonal skills, creative abilities, and problem-solving skills. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education.

ENGINEERING/COMPUTER SCIENCE PATHWAY



Grade Level: 10-12

ROBOTICS TECHNOLOGY

Course #2500

Prerequisite: *Intro to Design*

Length: Year

Robotics Technology will explore the relations between science and technology. The program is designed to introduce students to basic and advanced concepts in robotics. Course information will be tied to lab experiments where students will work in teams to build and test complex VEX-based mobile robots. Included in this instruction will be the historical development of robotics as a field, the importance of integrating sensors, effectors, and control, basic control, and the key approaches to mobile robot control (reactive, behavior-based, and hybrid), and discussion of robot learning and multi-robot systems history. Students will work in small teams to research, design, program, and construct robotic devices in competitions amongst each other and other schools in the area. Integrated throughout the course are career preparation standards which include basic academic skills, communicating individual and team ideas, interpersonal skills, problem-solving abilities, safety, technology, and employment literacy

ROBOTICS TECHNOLOGY II

Course #2505

Prerequisite: *Robotics Technology I*

Length: Year

Robotics II will continue to explore the relations between science and technology with an emphasis on designing, building, and programming robots to compete in competitions against other high school students. Students will focus on advanced robotics concepts including becoming an advanced “C” programmer. The program is designed to build upon basic concepts covered in Robotics I. The desired outcome is to design, build, and program robots for the official VEX game that is released at the beginning of each school year. In addition, involvement in the robotics program is intended to further motivate students to pursue advanced education in the engineering fields. Integrated throughout the course are career preparation standards which include basic academic skills, communicating individual and team ideas, interpersonal skills, problem-solving abilities, safety, technology, and employment literacy.

Grade Level: 11 - 12



LIBERAL STUDIES/EDUCATION PATHWAY

Approved Elective Courses meet the (g) requirement for admission to the UC/CSU systems.

ACADEMIC SEMINAR

Grade Level: 9

Course # 5562

Prerequisite: *None*

Length: Year

This course meets MVUSD graduation requirements for elective credit. The focus of this course will be goal-setting, organization skills, focused note-taking, critical thinking, higher level questioning, test prep, and college and career research. Students will receive academic support via trained teachers, college tutors, and peer academic tutors. Students will have access to trips to local vocational and college sites, professional guest speakers, and current college students. It will provide additional instructional time to be utilized as an instructional reinforcement opportunity between a collaborative teaching team within the content areas. This course will provide students with a bridge for high school academic success and a clear vision for their post-secondary goals. Students will gain the knowledge, skills, and understanding of what is required of them to successfully pursue their college and/or career options.

Foundation in Education

Course #7500

Grade Level: 9-10

Length: Year

Prerequisite: *None*

This course 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.



LIBERAL STUDIES / EDUCATION PATHWAY

Academic Tutor

Grade Level: 11-12

Course # 1950

Prerequisite: Approval of AVID Coordinator and/or Counselor

Length: Year

This course meets MVUSD graduation requirements for elective credit. This is an elective course in which mature junior and senior students assist AVID teachers in the AVID 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.

AVID (Advancement Via Individual Determination)

Grade Level: 9-12

Course # See Counselor

Prerequisite: Approval of AVID Coordinator and/or Counselor

Length: Year

The AVID elective is a four year commitment. All AVID courses meet MVUSD graduation requirements for elective credit, but AVID Senior Seminar also meets UC/CSU (g) elective credit. AVID is a program designed to increase school wide learning and performance. As an elective course, AVID prepares students for entrance into fouryear colleges by following a curriculum based on analytical writing, focused note-taking, organizational skills, study skills, college and career research, and test taking strategies. Students are provided academic support via trained teachers, peer academic tutors and college tutors. Each grade level will explore the college experience with trips to various college campuses. Selection into the elective course consists of meeting program guidelines, completing the application process and participating in a formal interview.

SENIOR SEMINAR

Grade Level: 12

Course #5531

Prerequisite: Must be a 12th grade student

Length: Year

This course meets MVUSD graduation requirements for elective credit. **Senior Seminar is a year-long course and is offered only to 12th grade students who are 4-year college bound.** The class will provide valuable instruction to senior students relating to their post high school plans. Lessons will focus on identifying postsecondary options consistent with their career's interests, achievement, aptitude, abilities and investigating various colleges. **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. Students enrolled in this class will be required to apply to a minimum of four 4—year colleges.**



CINEMA AS LITERATURE

Grade Level: 11-12

Course # 1876

Prerequisite: *Grade C or better in English II*

Length: Year

This course meets UC/CSU (g) elective and MVUSD Visual and Performing Arts requirements. 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.

ADVANCED PLACEMENT HUMAN GEOGRAPHY

Grade Level: 9-12

Course # 1918

Prerequisite: *Teacher approval and signed AP contract*

Length: Year

This course meets UC/CSU (a) elective and MVUSD graduation requirements. The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. **Students are encouraged to take the AP exam.**

ADVANCED PLACEMENT MACROECONOMICS

Grade Level: 12

Course # 1705

Prerequisite: *Teacher approval and signed AP contract*

Length: Year

This course meets UC/CSU (g) elective and MVUSD graduation requirements for government/economics. This course will give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Course content will emphasize the study of national income and price-level determination and also develop students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. **Students are encouraged to take the AP exam.**



LIBERAL STUDIES / EDUCATION PATHWAY

LEADERSHIP COURSES

USB /SENATE

Grade Level: 9-12

USB: Course # (1930)

Senate: Course # (1932)

Prerequisite: *Application and Interview*

Length: Year

This course meets UC/CSU (A-G) and MVUSD requirements for an elective credit. The program is designed to serve three critical needs: the improvement of self, of school, and of community. Leadership is designed for the student interested in learning the basic concepts of democratic government in a laboratory of practical school situations. The student will have opportunities to develop speaking and writing skills, to work with administration, to develop the USB budget, and plan and develop a variety of school activities including assemblies, dances, and class competitions. Students will be required to attend after-school activities when scheduled. 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.***

RENAISSANCE

Grade Level: 9 -12

Course # (1934)

Prerequisite: *Application and Interview*

Length: Year

This course meets MVUSD requirements for elective credit. This is a school-wide, student-driven program designed to reward, recognize and reinforce academic images on campus. Through leadership training, Renaissance students will design and implement reward-based programs for students, teachers, and staff. Renaissance is a comprehensive change in attitude and an entirely new way of thinking that brings academic achievement to the forefront at school. It helps students experience the true joy of learning, recognizes our educators as dedicated and valued professionals, and increases the involvement of parents and businesses. Renaissance is a revival in the way students, staff, and communities perceive and approach education. It is a proven, viable solution to the scholastic challenge of making academics and academic achievement the primary focus. ***Students are required to maintain a 2.5 GPA while part of this program.***



LINK CREW

Course # 5542

Prerequisite: *Teacher recommendations, application, signature, and interview.*

Length: Year

Year 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 12 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. Boggs for more information.***

Grade Level: 11-12

BEAST

Course # 5541

Prerequisite: *Application and interview*

Length: Year

Advanced Peer Assistant (Beast) is a leadership class that strives to bring Ram pride and school spirit to Mesa by supporting athletics and clubs. Students in this course will build their leadership skills through planning and developing a variety of school activities including RAMpage, PRIDE games, and class competitions. Additionally, students will have opportunities to develop speaking and writing skills, work with administration, develop a budget, and build community involvement. Students will be required to attend after-school activities when scheduled. 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.***

Grade Level: 9-12

Unified Leadership

Course # 5541

Prerequisite: *Application and interview*

Length: Year

Unified Leadership teaches leaders of all abilities to value and learn from each other through meaningful leadership roles. Unified Leadership inspires change to create an environment on campus of inclusion where people with and without intellectual disabilities can succeed together by being leaders in our Mesa community. These leadership activities help students become change agents in our Mesa community by promoting equity and acceptance. ***Students are required to maintain a 2.5 GPA while part of this program.***

Grade Level: 11-12



MEDICAL PATHWAY

**Approved Elective Courses meet the (g) requirement
for admission to the UC/CSU systems.**



HEALTH CAREERS I Grade Level: 9-10
Course # 5400
Prerequisite: 3.0 Total GPA
Length: Year

This course meets MVUSD requirements for elective credit. This is the 1st year introductory course of a 3 year-long CTE Medical Pathway program which investigates the health care delivery system and its services, explores professional medical occupations and opportunities for careers in medicine and related sciences, and begins your medical language vocabulary. Additional topics will include: medical mathematics, introduction to microbiology concepts, anatomy and physiology, diseases/disorders, diagnoses, treatments, patient/ client care regimens, career development, and present and future technological innovations. Skills in science, mathematics, communications, social studies and health are reinforced in this course. Certification in Basic Life Support (BLS) Cardiopulmonary Resuscitation (CPR) for Health Care Professionals through the American Heart Association will be offered with frequent CPR refresher module activities. Successful completion of this course with a "C" or better or permission from the instructor to continue in the next companion course; Health Careers II.

HEALTH CAREERS II

Grade Level: 10-11

Course # 5402

Prerequisite: Successful completion of Health Careers I with a "C" or better.

Length: Year

This course meets MVUSD requirements for elective credit. This is the 2nd year course of a 3 year-long CTE Medical Pathway program which deepens its investigation of the health care delivery system, its services, occupations, and related sciences. Topics include the intermediate study of the language of medicine, medical application of the Metric System, Anatomy and Physiology, Diseases/Disorders, Diagnoses, Treatments, patient/ client care regimens, career development, and present and future technological innovations. Skills in science, mathematics, communications, social studies and health are reinforced in this course. Certification in the American Heart Association First Aid Course and a refresher BLS CPR course for Health Care Professionals will be offered with frequent module activities.

MEDICAL TERMINOLOGY

Grade Level: 11-12

Course # 5403

Prerequisite: Successful completion of Health Careers I and II with a "c" or better.

Length: Year

This course meets MVUSD requirements for elective credit. This is the 3rd year course of a 3 year-long CTE Medical Pathway program which focuses on the language of medicine as it applies to body system pathology and disease. Medical record analysis, SOAP notes, chart note transcription, case studies and pharmacology are also integrated into each body system. This course is a vital part of preparing you for a career as a health professional. You will find that throughout your medical career and in a variety of settings, medical



MEDICAL PATHWAY



(Cont'd) MEDICAL TERMINOLOGY

Grade Level: 11-12

Course # 5403

Prerequisite: *Successful completion of Health Careers I and II with a "c" or better.*

Length: Year

terminology is used to communicate to your coworkers and to patients. By learning the language of medicine, you will have created a foundation for your education in any of the health or medical fields. Recertification in Basic Life Support (BLS) Cardiopulmonary Resuscitation (CPR) for Health Care Professionals through the American Heart Association will be offered. This class is articulated with Mt. San Jacinto Community College and students may apply for college credit with successful completion of this course.

SPORTS MEDICINE

Grade Level: 10-12

Course # 2880

Prerequisite: *Recommended enrollment in Anatomy and Physiology*

Length: Year

This course meets MVUSD graduation requirements for elective credit. This course is designed to provide students with an introduction to athletic training and sports medicine. Students will learn the methods of prevention, evaluation, treatment, and rehabilitation of athletic injuries. Lectures and laboratory activities will provide an overview of musculoskeletal anatomy and physiology. Emphasis will be placed on the recognition of athletic injuries that occur, and the ability to properly evaluate these injuries. Students will also learn the proper treatment and rehabilitation of injuries, including emergency procedures and basic first aid. Preventative taping and wrapping techniques will also be included. Students will have the opportunity to assist the athletic trainer at various sporting events to gain a "hands-on" application of topics covered in the class.

ADVANCED SPORTS MEDICINE

Grade Level: 11-12

Course # 2890

Prerequisite: *Grade B or better in Sports Medicine and enrolled in after school student training program or permission of instructor*

Length: Year

This course meets MVUSD graduation requirements for elective credit. This course is designed to provide students with the practical applications of sports medicine and athletic training. Students will apply the knowledge gained in the sports medicine class by working with athletes and athletic teams. Emphasis will be placed on preventative taping and wrapping, evaluation of actual injuries, and treating and rehabilitating injured athletes – including the development of individual rehabilitation programs to meet the needs of the athlete. Students will also learn athletic training room management skills such as records keeping, injury reporting, inventory, budgeting, and OSHA regulations. A requirement of the course will be assisting the an athletic trainer at athletic games and competitions.

MEDICAL PATHWAY



PSYCHOLOGY

Grade Level: 10-12

Course # 1900

Prerequisite: *None*

Length: Year

This course meets UC/CSU elective and MVUSD 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.

AP PSYCHOLOGY

Grade Level: 10-12

Course # 1890

Prerequisite: *English or History teacher approval and signed AP contract*

Length: Year

This course meets UC/CSU elective and MVUSD graduation requirements for elective credit. Psychology is not a prerequisite for AP Psychology. This course is designed to prepare students to take the Advanced Placement test in psychology offered by The College Board. 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. Assessments will include performance-based and conventional assessments, research projects, and papers. **Students are encouraged to take the AP exam.**





VISUAL & MEDIA ARTS PATHWAY

Approved Visual and Performing Arts Courses meet the (f) requirement for admission to the UC/CSU systems.

ART I AND DESIGN

Grade Level: 9-12

Course # 6000

Prerequisite: None

Length: Year

This course meets UC/CSU (f) and MVUSD graduation requirements for Visual and Performing Arts or elective credit. This one-year foundation course introduces students to beginning art concepts, materials, skills, and ideas. Students will learn new ways to look at a variety of art forms. They will 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. Students will begin to explore the art of different historical periods and cultures. Emphasis is on portfolio development, individual growth, and understanding the influence of art from the past and in their daily lives. Students are expected to keep a portfolio of projects and assignments, and a notebook of terminology and art-related information, and students will also participate in aesthetic critiques. In addition to these expectations and requirements, students will be encouraged to capture some completed assignments in visual digital format. Digital format tools provided.

STUDIO ART

Grade Level: 11-12

Course # 6155

Prerequisite: Grade C or better in Advanced Drawing and Painting and art teacher approval.

Length: Year

This course meets UC/CSU (f) and MVUSD graduation requirements for visual and Performing Arts or elective credits. This third-year course builds and expands students' 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 to their individual growth, independent work, portfolio development, and the art criticism process. The portfolio will reflect the student's individual interests, investigation, and developmental focus on a concentration topic. Students are expected to keep a portfolio and sketch notebook of projects and assignments. A self-addressed critique of portfolio artwork is required of all students.

ADVANCED PLACEMENT STUDIO ART

Grade Level: 11-12

Course # 6150

Prerequisite: Grade B or better in Advanced Drawing and Painting, art teacher approval and signed AP contract. Ceramics I recommended

Length: Year

This course meets UC/ CSU (f) and MVUSD graduation requirements for Visual Art or elective credit. The AP Studio Art program is offered to serious and highly motivated art-interested students. AP Studio Art is not based on a written exam, but is based on the production of a fine arts portfolio. Students will be challenged to work at a college level and be expected to commit many hours beyond their regular school day towards their



VISUAL & MEDIA ARTS PATHWAY

Approved Visual and Performing Arts Courses meet the (f) requirement for admission to the UC/CSU systems.

(Cont'd) ADVANCED PLACEMENT STUDIO ART

Grade Level: 11-12

Course # 6150

Prerequisite: *Grade B or better in Advanced Drawing and Painting, art teacher approval, and signed AP contract. Ceramics I recommended*

Length: Year

art. The portfolio will encompass quality pieces of a variety of artworks as well as a number of very focused concentrated pieces representing a particular theme of interest. The successful portfolio, overall, will show the process of investigation, growth, and discovery for each individual student. Sketch notebook assignments and written critiques are also required of all students taking this course. **Students are encouraged to submit an AP portfolio.**

ADVANCED DRAWING AND PAINTING

Grade Level: 10-12

Course # 6030

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

Length: Year

This course meets UC/CSU (f) and MVUSD graduation requirements for Visual and Performing Arts or elective 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 to individual growth, problem-solving, time management, portfolio development, career research, and the art criticism process. Students are expected to keep a portfolio, a sketch notebook of projects and assignments, and a notebook of terminology and art-related information. Students are required to capture all completed assignments in visual digital format. Digital format tools provided. Students will also participate in aesthetic critiques, in addition, completion of formal written critiques is required for each student

CERAMICS I

Grade Level: 10-12

Course # 6060

Prerequisite: *None*

Length: Year

This course meets the one-year UC/CSU (f) and MVUSD graduation requirements for Visual and Performing Arts or elective credit. The major emphasis of this beginning ceramic course is to provide students with knowledge of ceramic techniques with an emphasis on the interpretation of ceramics as an art form. Students will create personal works of art using pinch, coil, slab, and mold construction methods. 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

VISUAL & MEDIA ARTS PATHWAY

Approved Visual and Performing Arts Courses meet the (f) requirement for admission to the UC/CSU systems.

(Cont'd) CERAMICS I

Grade Level: 10-12

Course # 6060

Prerequisite: None

Length: Year

function. Students are expected to keep a portfolio sketch notebook of projects and assignments, and a notebook of terminology and ceramic-related information. Students will also participate in aesthetic critiques. In addition to these expectations and requirements, students will be encouraged to capture some completed assignments in visual digital format. Digital format tools provided.

CERAMICS II

Grade Level: 10-12

Course # 6070

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

Length: Year

This course meets UC/CSU (f) and MVUSD graduation requirements for Visual and Performing Arts or elective credit. This advanced course allows students to develop and refine skills in ceramic construction. Students create ceramic forms using hand-building methods and the potter's wheel. An emphasis is placed on students developing a personal aesthetic style and submitting their work to regional art shows. Students will meet course goals in creative expression, artistic perception, aesthetic valuing, and historical and cultural contexts. Students are expected to keep a portfolio, a sketch notebook of projects and assignments, and a notebook of terminology and ceramic-related information. Students are required to capture all completed assignments in visual digital format. (Digital format tools provided) Students will also participate in aesthetic critiques, in addition, the completion of formal written critiques is required for each student.



GRAPHIC DESIGN I

Grade Level: 9-12

Course # 6040

Prerequisite: None (Art I and computer skills recommended)

Length: Year

This course meets UC/CSU (f) and MVUSD approval for Visual and Performing Arts credit This course provides experience in beginning to intermediate computer graphic art concepts, skills, and techniques. Emphasis will be on the development of ideas and practice of design for the purpose of generating visual communications for advertising art. Students will gain knowledge in creative expressions, artistic perception, and aesthetic valuing. Professional software such as Adobe Illustrator is explored through demonstration and studio practice. Graphics vocabulary, computer terminology and historical appreciation are also emphasized.



VISUAL & MEDIA ARTS PATHWAY

Approved Visual and Performing Arts Courses meet the (f) requirement for admission to the UC/CSU systems.

GRAPHIC DESIGN II

Grade Level: 10-12

Course # 6050

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

Length: Year

This course meets UC/CSU (f) and MVUSD approval for Visual and Performing Arts elective credit. This course provides intermediate to advanced experience in computer-generated print and beginning experience in multi-media. Professional software will continue to be explored through demonstration and studio practice. This course is designed to develop students' skills, techniques, and creativity. Students will gain knowledge in creative expression, artistic perception, and aesthetic valuing. Strong emphasis will be on further examining typography, design, and layout in producing quality print collateral. A portfolio in print is created as well as a digital portfolio using multi-media software.

ADVANCED PLACEMENT ART HISTORY

Grade Level: 11-12

Course # 6200

Prerequisite: *Grade of B or better in a previous history course instructor approval, and signed AP contract*

Length: Year

This course meets UC/CSU (f) and MVUSD graduation requirements for Visual and Performing Arts or elective credit. The Advanced Placement program in Art History is designed to provide the same benefits to secondary students as provided by an introductory college course in art history. No prior exposure to art history is required. This course offers the opportunity to study world art, past and present, from a comparative analytical perspective. Emphasis is placed on Western tradition while students research and present information on other traditions. Discussed are the multi-dimensional, multicultural dynamics of art as a communicator of knowledge and cultural meaning. Student learning is assessed through performance, testing, and research/presentation of information. Students are encouraged to visit art museums and galleries in the SoCal area. This course offers the rigor of an AP class and students should expect three hours of homework each week and some work over breaks/holidays. Some supplies are required for each semester. **Students are encouraged to take the AP exam.**

VISUAL & MEDIA ARTS PATHWAY

MULTIMEDIA DESIGN I

Course # 7750

Prerequisite: *None*

Length: Year

Grade Level: 9- 10

This first-year course meets the MVUSD graduation requirements for Visual and Performing Arts and/or elective credit. This course meets the (f) requirement for admission to the UC/CSU systems. This one-year introductory level multimedia course's focus is based on a correlated curriculum that has a balanced emphasis on the VPA and Art Media and Entertainment standards. Students will convey creative expression through digital media applications. They learn the basic language and elements of art techniques to create interactive products to educate, inform, and entertain. The purpose is to enable students to understand and appreciate artistic expression and study the impact of multimedia on our society from a social economic and political viewpoint. Students will reflect, discuss, evaluate, and write, with discrimination, about the media and careers studied. History of photography, graphic design, animation, web development, and filmmaking will be studied. This course offers intensive hands-on production through project-based assignments and strives to nurture individual talents and skills. Students will meet Visual Art, Common Core State Writing Standards, and Art, Media, and Entertainment standards while encouraging students to become creative and thoughtful practitioners in the world of computer media.

*Articulated with MSJC, allowing the opportunity for students to earn college credits. For more information, contact your teacher.

MULTIMEDIA DESIGN II

Grade Level: 10-11

Course # 7751

Prerequisite: *Grade of C or better in Intro to Multimedia Design I Graphic Design I*

Length: Year

This course meets MVUSD graduation requirements for elective credit. This course is an overview of the computer-based design industry, applying advanced digital image creation methods and output options. Multimedia Design II builds upon the skills acquired from Multimedia Design I or Graphic Design I, and also gives an overview of careers in the field. Media output topics include designing for print and web content and interactive media projects created will consider optimum audience interaction. Photographic skills, including camera function and aesthetics, will be used to create meaningful digital images for use in multimedia. Software titles include, but are not limited to: After Effects, Animate, Illustrator, Photoshop, Garageband/Logic, Premier/Final Cut Pro. Students will have the opportunity to further develop their skills with the Adobe Creative Cloud applications and get the training of necessary skills for success in a post-secondary education institution and/ or in an entry-level position in the field of Media Arts.

MULTIMEDIA DESIGN III

Grade Level: 10-12

Course #7752

Prerequisite: *Grade of C or better in Multimedia Design II*

Length: Year

This course will include instruction based on the Visual Performing Arts and Career Technical Education Arts, Media and Entertainment Standards. The course will build upon the skills acquired from Multimedia Design II and students will learn advanced/professional digital image creation methods and investigate industry-related careers. Students will have the opportunity to further develop their skills with industry applications and receive more in-depth training for success in post-secondary education and/or an entry-level position in an industry field. Students will manage small crews and facilitate campus-wide multimedia support for school events.



VISUAL & MEDIA ARTS PATHWAY

Approved Visual and Performing Arts Courses meet the (f) requirement for admission to the UC/CSU systems.

VIDEO GAME DESIGN I

Grade Level: 9-12

Course # 7553

Prerequisite: *Concurrent enrollment in Math I*

Length: Year

software, easy-to-follow material will take students from simple “drag-n-drop” programming to actually writing code and developing original computer games! Students will begin to build real working games. They see results right away and along the way, they learn the math and physics concepts used in game development, how the engineering cycle is used to design games, the components of a good game, the color theory used in game design, how to create sprites and animation, and so much more. Plus. They will have a “hands-on” opportunity to use other computer application programs such as word processing, audio editing, and development, presentation software, and animation software.

YEARBOOK

Grade Level: 9-12

Course # 1870

Prerequisite: *Application, interview, and teacher approval. Incoming freshmen must have received an A or B in yearbook for 8th grade and have teacher recommendation.*

Length: Year

This course meets MVUSD graduation requirements for elective credits. (g) Yearbook is designed to develop the skills and techniques of desktop publishing and photojournalism. Students will be involved in every aspect of creating the yearbook including writing, producing, photographing, and selling. Students will learn the basic concept of layout design and copywriting using the computer. Students work under a deadline system and planning, organization and responsibility are crucial skills necessary to meet these requirements. Students are expected to work outside the regular school day as necessary to facilitate the meeting of deadlines. Some computer and photographic knowledge are helpful. Class size is limited.

YEARBOOK DESIGN

Grade Level: 10-12

Course # 1875

Prerequisite: *Application. Yearbook and teacher approval.*

Length: Year

This course meets UC/CSU (f) and MVUSD graduation requirements for Visual and Performing Arts or elective credit. Yearbook Design is a yearlong course to have students understand the role of visual art and design, as their impact on society and culture, particularly in publication medium. The course will focus on students understanding a designer’s target audience and stimulating creativity through a variety of two-dimensional media. Then, students will apply this artistic process to create designs for the yearbook publication. Finally, they will maintain the integrity of design through the editing process, while collaborating and communicating with their colleagues on the yearbook staff. The assignments in the course will demonstrate a student’s ability to apply the principles of design and effectively communicate their message. Assignments will also have students process, respond to, and judge design works using their knowledge of the elements of art and the principles of design.

PERFORMING ARTS PATHWAY

Approved Visual and Performing Arts Courses meet the (f) requirement for admission to the UC/CSU systems.



Choir I - Concert Choir

Grade Level: 9-12

Course # 7151

Prerequisite: None

Length: Year

This course meets the CSU/UC (f) and MVUSD graduation requirements in Visual & 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 2 or 3 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 acapella 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 auditioning. To skip this course, students must audition and display a strong understanding of choral music basics as well as have at least 1 year of high school choir experience. This course can be repeated.

Choir II - Treble Ensemble

Grade Level: 10-12

Course # 7152

Prerequisite: None

Length: Year

This course meets the CSU/UC (f) and MVUSD graduation requirements in Visual & 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 1 year of experience in any high school choir.

Choir III - Chamber Choir

Grade Level: 10-12

Course # 7153

Prerequisite: Audition and signature of the Director

Length: Year

This course meets UC/CSU (f) and MVUSD 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 1-year experience in the Murrieta Mesa Choir Program.

PERFORMING ARTS PATHWAY



BEGINNING GUITAR

Grade Level: 9-12

Course # 7000

Prerequisite: *Must provide own acoustic guitar*

Length: Year

This course meets the UC/CSU (f) and MVUSD graduation requirements in Visual & Performing Arts or elective credit. Beginning guitar presents instruction in classical and folk guitar techniques. 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 first position and play basic chords. Grades include performance-based assessments, theory exams, ear training, group projects, and extra credit concerts.

ADVANCED MARCHING CONCERT BAND (8th period)

Grade Level: 9 -12

Course # 7200

Prerequisite: *Instructor Approval*

Length: Fall Semester

This course meets UC/CSU (f) and MVUSD graduation requirements for Visual & Performing Arts, elective credit, or physical education credit (Fall semester only when taken along with Advanced Concert Band, Wind Ensemble, or Advanced Jazz Band.) Marching Band is open to all qualified wind, percussion, and color guard students. The Marching Band course revolves around the marching activity and will include arranged rehearsal and performance hours outside of class time. The Marching Band performs at all home football games, as well as parades and field competitions throughout Southern California. This class will meet after school; the scheduled time is to be announced.

ADVANCED CONCERT BAND (8th Period)

Grade Level: 9 -12

Course # 7202

Prerequisite: *Instructor Approval*

Length: Spring Semester

This course meets UC/CSU (f) and MVUSD graduation requirements for Visual & Performing Arts. 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.

PERFORMING ARTS PATHWAY



ADVANCED CONCERT ORCHESTRA

Grade Level: 9-12

Course # 7216

Prerequisite: *Instructor Approval*

Length: Year

This course meets UC/CSU (f) and MVUSD graduation requirements for Visual and Performing Arts or elective credit. The Advanced Concert Orchestra course revolves around the orchestra activity and will include arranged rehearsal and performance hours outside the class time and may be repeated for credit. The Advanced Concert Orchestra performs at concerts, community events, and other appropriate venues. The course must be for an entire year and is open to all qualified string (i.e. violin, viola, cello, and string bass). This course is oriented around quality string literature, as well as focusing on the improvement of individual and large group performance skills relative to the state and national standards for music education. This course is a Visual and Performance Pathway course.

WIND ENSEMBLE

Grade Level: 9-12

Course # 7193

Prerequisite: *Teacher Placement*

Length: Year

This course meets UC/CSU (f) and MVUSD graduation requirements for Visual and Performing Arts. 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. Both Advanced Marching Band and Wind Ensemble must be taken to fulfill the one year.

PERFORMANCE CORP (COLOR GUARD)

Grade Level: 9-12

Course # 2750

Prerequisite: *Instructor Approval*

Length: Year

Color Guard is a year-long course in which students learn the technical skills involved in expressive dance, flag, rifle, and saber choreography, as they relate to the State Goals for Learning in Fine Arts. The course will prepare students for color guard performances with the marching band during the fall semester. Various styles of dance will be taught and explored, in addition to traditional color guard training techniques. Evening rehearsals, as well as weekend rehearsals, are a required part of this course. Competitions and travel are also a part of the course and required. Participation is permitted by audition or teacher recommendation only.

PERFORMING ARTS PATHWAY



DANCE I

Grade Level: 10-12

Course # 7220

Prerequisite: *Successful completion of Physical Education 9*

Length: Year

This course meets UC/CSU (f) and MVUSD requirements for Physical Education, Visual and Performing Arts, or elective credit. 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



DANCE II

Grade Level: 10-12

Course # 7230

Prerequisite: *Grade C or better in Dance I and teacher approval*

Length: Year

This course meets UC/CSU (f) and MVUSD requirements for the second year of Physical Education, Visual & Performing Arts, or elective credit. 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 choreography concepts, and aesthetics valuing.

ADVANCED DANCE CHOREOGRAPHY PRODUCTION (DANCE III)

Grade Level: 10-12

Course # 7231

Prerequisite: *Audition only and teacher approval*

Length: Year

This course meets UC/CSU (f) and MVUSD requirements for the second year of Physical Education, Visual and Performing Arts, or elective credit. This course is designed to provide students with opportunities to explore dance as an art form including performance, choreography, and competition with acquired skills.

PERFORMING ARTS PATHWAY



DRAMA I

Grade Level: 9 -12

Course # 6500

Prerequisite: *None*

Length: Year

This course meets UC/CSU (f) and MVUSD graduation requirements for Visual and Performing Arts or elective 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 and historical terminology, etc. Activities also focus on an overview of technical theater and its' components. Students will perform in front of a live audience as well as complete a written final exam.

DRAMA II / INTERMEDIATE ACTING

Grade Level: 9 -12

Course # 6550

Prerequisite: *Audition with teacher*

Length: Year

This course meets UC/CSU (f) and MVUSD graduation requirements for Visual and Performing Arts or elective credit. The course emphasizes the preparation of scenes and monologues for classroom presentation, competitions, and study of period acting styles, stage direction, and production techniques. Theater history and vocabulary are also covered. Assessment techniques include in-class performance in front of a live audience, videotaping, written assignments, and tests.

DRAMA III / ADVANCED ACTING AND COMPETITION

Grade Level: 10 -12

Course # 6560

Prerequisite: *Audition with teacher*

Length: Year

This course meets the UC/CSU (f) and MVUSD graduation requirements for Visual and Performing Arts or elective credit. The course emphasizes the preparation of one-act and full-length plays for classroom and public presentation. Individual scene study in combination with a study of period acting styles, stage direction, and production techniques is included. Assessment is based in part on participation in the production of a three-act play for public presentation, which requires rehearsal time and set construction time outside of class. Students must interview for the drama teacher to enroll in this class.



PERFORMING ARTS PATHWAY

DRAMA IV

Grade Level: 10 -12

Course # 6570

Prerequisite: *Audition with teacher*

Length: Year

This course meets UC/CSU (f) and MVUSD graduation requirements for Visual and Performing Arts or elective credit. Students in this course are required to participate in a current school production. This "hands-on" class includes a culminating project. This course demands time after school, some weekends, and weekday evenings. Grades are affected by both class and after-school participation. Students must interview for the drama teacher to enroll in this class.

TECHNICAL THEATER I

Grade Level: 10 -12

Course # 6565

Prerequisite: *Instructor Approval*

Length: Year

This course meets MVUSD graduation requirements for Visual and Performing Arts or elective credit. Students will learn backstage skills including set design and construction, costuming, properties, 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 sets for the school Drama Department productions and runs stage crew for rehearsals and performances. This course requires class and after-school participation and is part of the grade for the course.

TECHNICAL THEATER II

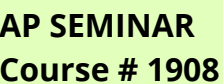
Grade Level: 10 -12

Course # 6566

Prerequisite: *Successful completion of Tech Theater I and/or instructor approval*

Length: Year

This course meets MVUSD graduation requirements for Visual and Performing Arts or elective credit. Students will expand backstage skills and career opportunities in Technical Theater. This is a "hands-on" class with an emphasis on stage lighting, sound, and stage management. Students will be engaged in set construction and directly involved in the Drama Department's productions. Class members will be engaged as crew members for the school productions. This course requires class and after-school participation and is part of the grade for the course.



Prerequisite: *Be on track to pass 4 or more AP exams classes by end of Senior year.*

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

AP RESEARCH

Course # 1909

Prerequisite: Or successful complete AP Seminar class with a B or higher, earn 3 higher on the AP Seminar CB exam, and be on track to pass four or more AP classes

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

ANNEX AND DUAL OFFERINGS FOR THE 2024/2025 SCHOOL YEAR

PLEASE APPLY TO MSJC AND COMPLETE THE
ONLINE ORIENTATION AT THE LINK BELOW
[HTTPS://WWW.MSJC.EDU/ENROLL/HIGH-
SCHOOL-STUDENTS.HTML](https://www.msjc.edu/enroll/high-school-students.html)

FALL ANNEX COURSES

History & Appreciation of Dance	DAN 100/ HIST 151
College Composition (seniors only)	ENGL 101
US History to 1877 (juniors only)	HIST 111
World History to 1500 (sophomores only)	HIST 103
Principles of Sociology	SOCI 101
C++ Programming- LEVEL 1	CSIS 113A
Intro to American Gov and Politics	PS 101

SPRING ANNEX COURSES

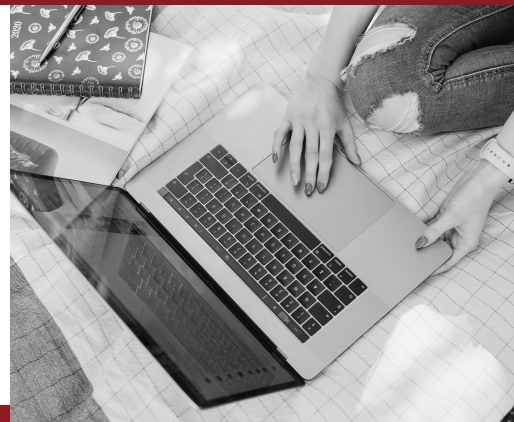
History & Appreciation of Dance	DAN 100/ HIST 151
Critical thinking and writing (seniors only)	ENGL 103
US History since 1865 (juniors only)	HIST 112
World History since 1500 (sophomores only)	HIST 104
College Success and Readiness	CSCR 100
Principles of Sociology	SOCI 101
C++ Programming - LEVEL 2	CSIS 123A
Intro to American Gov and Politics	PS 101

DUAL COURSES Music 100 (Mr. Greenberg) , Bio 134 (Dr. Regus), and French 101/ 102 (Mrs. Ulmer)
Math 105/ 110 (Mr. Pharris)

Classes are on a first come first serve basis. Not all students with interest are guaranteed to get into the class as MSJC only offers a limited number of seats per site. Students must have a completed Student/Parent agreement form in order to register for the class. Check student email often for steps and dates.

Absolutely no agreements will be accepted past the posted deadline so please be sure to pay attention to the dates when information is released. For more information contact your counselor.

For concurrent enrollment please click the link below:
<https://www.msjc.edu/enroll/high-school-students.html>



DUAL ENROLLMENT

M.S.J.C AND MVUSD COMBINED RESOURCES... NOW OFFERING COLLEGE COURSES ON MMHS CAMPUS!

What is Dual Enrollment?

Dual Enrollment allows current high school students the opportunity to enroll in dual-credit courses, expand student access to affordable higher education, 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, 10th with counselor approval) (online application and orientation)
- Submit a Student-Parent Agreement form on MMHS campus in both Spring and Fall semesters by the deadline **(No late forms will be accepted)**
- 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 MMHS 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.

ANNEX and Dual 24-25 interest



For more information about the Dual Enrollment program please contact your counselor and fill out the interest form via the QR code above.

DUAL ENROLLMENT (continued)

Program Guidelines

- Dual enrollment courses are governed by the policies and regulations of Mt. San Jacinto College District and the Murrieta Valley Unified School District. 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.
- All high school students must be fully matriculated to the college prior to taking MSJC 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 Mt. San Jacinto College and the high school administrators.
- Mt. San Jacinto College and MVUSD will jointly select dual-credit courses in transfer and/or occupational areas.
- 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 admissions to MSJC, and an online orientation. It is recommended that students have a cumulative 3.0 GPA.

DUAL ENROLLMENT COURSES

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

MSJC DUAL ENROLLMENT - MATH 105 COLLEGE ALGEBRA 4

Units

Course # Must fill out interest form

Grade Level: 10-12

Length: Semester

Prerequisite: Teacher recommendation

This course meets UC/CSU (C) and District math requirements. Students will receive four (4) units of college credit. As the traditional transfer course in the algebra sequence, Math 105 covers graphing of polynomials, rational and transcendental functions, and conic sections, solving polynomial, rational, exponential, and logarithmic equations, solving 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. Extra grade weight is only offered to those taking Dual Enrollment courses on the MMHS campus. *Space permitting, 10th-grade students may apply if they are completing Algebra II or above and assess in Math 105.

MSJC DUAL ENROLLMENT - MATH 110 PRE-CALCULUS 4

Units

Course # Must fill out interest form

Grade Level: 10-12

Length: Semester

Prerequisite: MATH 105 or equivalent assessment score This course meets UC/CSU (C) and District math requirements. Students will receive five (5) units of college credit. A course designed for the student who is planning to take calculus. Topics covered in depth will include: functions, graphs of polynomial and rational functions, trigonometric functions, theory of equations and inequalities, sequences and series, and conic sections. Extra grade weight is only offered to those taking Dual Enrollment courses on the MMHS campus.

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

Course # Must fill out interest form

Grade Level: 11-12

Length: Semester

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.

MUSIC 100 INTRODUCTION & APPRECIATION OF MUSIC 3 UNITS

Course # Must fill out interest form

Grade Level: 11-12

Length: Semester

Prerequisite: MSJC Matriculation and appropriate assessment test scores of English 098. Length: Semester This course provides students with a survey of European music styles concentrating on Baroque, Classical, Romantic, and Modern music. The purpose of the course is to develop an understanding of various styles, to develop an understanding of the elements of music, its history, and aesthetics.

MSJC DUAL ENROLLMENT - FREN- 101 Elementary French 4 Units

Course # Must fill out interest form

Grade Level 11-12

Length: Semester

Prerequisite: French II (with a grade of C or better)

This course introduces students to French language and culture. Students will learn basic grammar and vocabulary while studying pronunciation rules through oral and written practice. Students will also study basic aspects of French culture and civilization.

MSJC DUAL ENROLLMENT - FREN 102 Elementary French II 4 Units

Course # Must fill out interest form

Grade Level 11-12

Length: Semester

Prerequisite: French 101 (with a grade of C or better)

This course is a continuation of FREN 101. This course introduces students to more grammar and vocabulary with an emphasis on oral and written communication. Students will also study francophone culture and civilization in more depth

ANNEX and Dual 24-25 interest



MSJC ANNEX COURSES

M.S.J.C & MVUSD combined resources
and are NOW offering college courses to
be taken online through MSJC.

MSJC ANNEX ENGL 101: **FRESHMAN COMPOSITION**

Course# Must fill out interest form

Grade Level: 12

Length: Semester

Prerequisite: 2.6 GPA (3.0 GPA recommended)

This course meets UC/CSU (B) and District graduation requirements for English credit. Students will receive four (4) units of college 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. This Annex 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/Annex courses on the MMHS campus.

MSJC ANNEX ENGL 103: **CRITICAL THINKING & WRITING**

Course #1081

Grade Level: 12

Length: Semester

Prerequisite: 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 argument as they apply to the written text will be emphasized. Some research is required. This Annex 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/Annex courses on the MMHS campus.

MSJC ANNEX HISTORY 103: **WORLD HISTORY TO 1500 - 3 Units**

Course # Must fill out interest form

Grade Level: 10-12

Length: Semester;

History 103 is the first course in a twocourse 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. This Annex 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/Annex courses on the MMHS campus.

MSJC ANNEX HISTORY 104: **WORLD HISTORY SINCE 1500 - 3 Units**

Course # Must fill out interest form

Grade Level: 10-12

Length: Semester;

History 103 is the second 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 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 Annex 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/Annex courses on the MMHS campus.

MSJC ANNEX COURSES (continued)

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

Course # Must fill out interest form

Grade Level: 12

Length: Semester

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 Annex 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/Annex courses on the MMHS campus. ANNEX Courses (continued)

MSJC ANNEX HISTORY 111: **US HISTORY TO 1877 - 3 Units**

Course # Must fill out interest form

Grade Level: 11-12

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

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 Annex 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/Annex courses on the MMHS campus.

MSJC ANNEX HISTORY 112: **US HISTORY SINCE 1865 - 3 Units**

Course # Must fill out interest form

Grade Level: 11-12

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

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. This Annex 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/Annex courses on the MMHS campus.

MSJC ANNEX DANCE 100: **HISTORY AND APPRECIATION OF DANCE - 3 units**

Course # Must fill out interest form

Grade Level: 11-12

Length: Semester

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 Annex 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/Annex courses on the MMHS campus.

MSJC ANNEX SOCIOLOGY 101: **PRINCIPLES OF SOCIOLOGY - 3 Units**

Course # Must fill out interest form

Grade Level: 11-12

Length: Semester

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 Annex 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/Annex courses on the MMHS campus.

MSJC ANNEX COURSES (continued)

MSJC ANNEX CSIS 113A:

C++ PROGRAMMING- LEVEL 1 - 3 units

Course # Must fill out interest form

Grade Level: 11-12

Length: Semester

This course introduces the principles of object-oriented programming using the C++ programming language. Students will investigate and evaluate various programming design methodologies and apply them to programming problems in C++. C++ features that will be covered include language syntax, class definitions, control structures, function definitions, and basic data structures.

MSJC ANNEX CSIS 123A:

C++ PROGRAMMING- LEVEL 2 - 3 units

Course # Must fill out interest form

Grade Level: 11-12

Length: Semester

This course presents advanced programming concepts in the C++ programming language. Advanced aspects of program design methodologies will be studied, evaluated, and applied in the design of complex C++ programs. C++ features that will be covered include classes and data abstraction, operator overloading, inheritance, polymorphism, templates, exception handling, and file structures.

MSJC ANNEX CSCR 100:

COLLEGE SUCCESS AND CAREER READINESS - 3 units

Course # Must fill out interest form

Grade Level: 11-12

Length: Semester

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 Annex 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/Annex courses on the MMHS campus.

Classes are on a first come first serve basis.

Not all students with interest are guaranteed to get into the class as MSJC only offers a limited number of seats per site.

Students must have a completed Student/Parent agreement form in order to register for the class and online orientation. Check your student email often for steps and dates.

Absolutely no agreements will be accepted past the posted deadline so please be sure to pay attention to the dates when information is released. For more information contact your counselor. For concurrent enrollment please use the link below:
<https://www.msjc.edu/enroll/high-school-students.html>

ANNEX and Dual 24-25 interest



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