

MVHS COURSE SELECTION

CLASS OF 2030

INCOMING FRESHMAN INFORMATION



WELCOME TO MILL VALLEY!

Meet the Counselors! Students are assigned to counselors based on their last name:

Mrs. Chandler (A-E)

Ms. Hayes (F-K)

Mrs. Mixon (L-R)

Mr. Wallace (S-Z) 9th & 10th 504 coordinator

WELCOME TO MVHS!

CLICK BELOW FOR A VIDEO!



WHY ARE MY GRADES IMPORTANT?

- From the first day of high school you are creating your transcript--a permanent record of your academic career.
- Transcripts are used to apply for programs and scholarships.
- Start off strong! Ask for help if you need it--don't wait!

Grade 9 / 2019						
Course			To Be Earned	Earned	S1	S2
Consumer Ed & Personal Finance			0.000	0.500		B+
21st Century Journalism			0.000	0.500		A
Seminar A	<		0.000	0.130	A+	
Seminar B	<		0.000	0.120		A+
College and Career Ready			0.000	0.500	A+	
Art Foundations I			0.000	0.500		A-
Silver Band			0.000	0.500	A+	
Concert Band			0.000	0.500		A+
Honors English 9	@		0.000	1.000	B+	B+
Integrated Math I			0.000	1.000	B	B-
Girls Physical Education			0.000	1.000	A	A-
Biology			0.000	1.000	B	B-
World Geography			0.000	0.500		A
Civics			0.000	0.500		A
			0.000	8.250		

Grade 11 / 2021						
Course			To Be Earned	Earned	S1	S2
AP Language & Composition	#		0.500	0.500	A-	
Teaching as a Career			0.500	0.500		A+
Integrated Math III			0.500	0.500		B
Seminar B	<		0.120	0.000		
Jazz Band			0.500	0.500	A+	
Symphonic Band			0.500	0.000		
Blue Band			0.000	0.500		A
Adv Strength & Conditioning			0.000	0.500		A+
Adv Strength & Conditioning Sp			0.500	0.000		
Physics			0.500	0.500		C+
US History			0.500	0.500		A
			4.120	4.000		

Grade 10 / 2020						
Course			To Be Earned	Earned	S1	S2
Ceramics I			0.000	0.500		A+
Honors English 10	@		0.000	1.000	A	A-
Career and Life Planning			0.000	0.500		A
Integrated Math II			0.000	1.000	B+	B
Seminar A	<		0.000	0.130	A+	
Seminar B	<		0.000	0.120		A+
Jazz Band			0.000	1.000	A+	A+
Concert Band			0.000	0.500		A+
Blue Band			0.000	0.500		A+
Strength & Conditioning Fall			0.000	0.500		A
Health			0.000	0.500		A
Chemistry			0.000	1.000	B	A-
AP European History	#		0.000	1.000	B	A-
			0.000	8.250		

HOW MANY CLASSES WILL I BE TAKING?

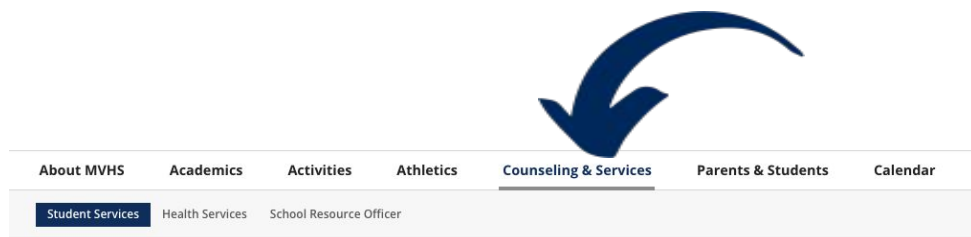
All MVHS students take a total of **8 classes**

- Block scheduling--Blue/Silver Days
- Four classes each day
- Freshmen are required to take the following 5:
 - English
 - Math
 - Biology
 - World Geography/Civics
 - Physical Education
- That leaves 3 blocks for YOU to choose

HOW DO I KNOW WHAT TO TAKE?

Counseling Website>Student Services>Course Selection Information:

- Academic Overview
 - 5 Steps to Course Selection
 - Career Pathways
 - Key Information for graduation
- AP/Honors Info



HOME > COUNSELING & SERVICES > STUDENT SERVICES

Student Services

Welcome to Student Services at MVHS

New to USD 232? Families who are looking to join Mill Valley for the 2025-26 school year should contact Amy Sanders in the counseling office.



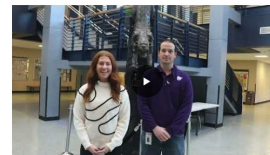
Mill Valley High School



HOME > COUNSELING & SERVICES > STUDENT SERVICES > COURSE SELECTION INFORMATION



Course Selection Information



Check out this video for updates regarding course selection for the 2026-27 school year, including new classes and our updated course catalog and pathways.



STEP 1 & 2- REFLECT ON GOALS/REVIEW PATHWAYS

Career Pathways & Plans of Study

At USD 232, students can choose a career pathway—a sequence of courses designed to provide real-world learning for today's careers. Through pathways, students discover their strengths, explore careers, and make informed choices about their future. Pathways also provide opportunities for internships, client projects, or industry-recognized credentials, giving students hands-on experience that prepares them for college, technical training, or the workforce.

The pathways below contain plans of study that outline four-year course progressions, recommended electives, and how courses connect to graduation requirements and future opportunities, helping students and families plan for long-term success.

Pathways A-H

▶	Automation Engineering
▶	Biotechnology
▶	Business Finance
▶	Business Management & Entrepreneurship
▶	Construction & Design

Pathways M-V

▶	Manufacturing
▶	Marketing
▶	Media Design & Communications
▶	Programming & Software Development
▶	Restaurant & Event Management



DESIGN, PRODUCTION & REPAIR - AUTOMATION ENGINEERING PATHWAY -

This pathway focuses on using engineering, technology, and computer systems to design, build, and maintain automated processes that improve efficiency and productivity in manufacturing and industry. It includes topics like robotics, electronics, mechanical systems, programming, control systems, sensors, and the ethical and safety standards of engineering. Students learn how to design and troubleshoot automated equipment, integrate new technologies, and apply problem-solving skills to real-world engineering challenges.

CAREERS INCLUDE Automation Engineer, Robotics Technician, Mechanical Engineer, Electrical Engineer, Industrial Engineer, Mechatronics Specialist, Manufacturing Engineer, Process Control Technician, PLC Programmer, Maintenance Engineer, Systems Integrator, Quality Control Engineer, Instrumentation Technician, Engineering Technician, Robotics Programmer, Design Engineer, CNC Programmer / Operator, Test Engineer, Automation Project Manager, Industrial Maintenance Mechanic

SAMPLE PLAN OF STUDY*

*This course has a co/prerequisite. †This course is offered at CTEC. ‡This course counts as a STEM Elective

FRESHMAN YEAR (1.0) English (1.0) Math (based on math course progression) (1.0) Science (1.0) Social Studies (1.0) Physical Education (1.0) Performing/Fine Arts Credit (1.0) Engineering Design ‡ (1.0) Elective	SOPHOMORE YEAR (1.0) English (1.0) Math (based on math course progression) (1.0) Science (1.0) Social Studies (0.5) Health (1.0) Robotics I ‡ (1.0) Principles of Engineering *† (prereq, not in Pathway) (1.5) Electives
JUNIOR YEAR (1.0) English 11/AP Lang & Comp (1.0) Math (based on math course progression) (1.0) Science (1.0) Social Studies (0.5) Communications Credit (1.0) Digital Electronics *† &/or Computer Integrated Manufacturing ‡ (1.0) Robotics II *† (1.5) Electives	SENIOR YEAR (1.0) English 12 or AP Lit & Comp or AP Lang & Comp (1.0) Math (based on math course progression) (1.0) Science (0.5) Political Participation or Con. Law/AP Government (0.5) Financial Literacy (1.0) Digital Electronics *† &/or Computer Integrated *† Manufacturing (1.0) Engineering Workplace Experience *† (2.0) Electives

Bolded courses lead to Pathway Completion

PATHWAY COURSES: Pathway completion requires students to complete three (3) credits in the pathway, with at least two (2) of those credits being a combination of technical and application-level courses. Additionally, a student must earn one of the following: an industry-recognized certification (IRC), nine (9) + college hours aligned to the pathway, or complete a high-quality work-based learning experience -- Entrepreneurial Experience (EntX), Client Connect Project (CCP), or Internship.

TECHNICAL LEVEL	APPLICATION LEVEL	
Engineering Design ‡ Robotics I ‡	Digital Electronics *† Computer Integrated Manufacturing *† Engineering Workplace Experience ‡	Cybersecurity *† Robotics II *†
Other Recommended Courses AP Calculus AB* Principles of Engineering *† AP Computer Science Principles ‡ Drafting/CAD	Opportunities for Pathway Completion: Engineering Workplace Experience – Internship Digital Electronics – College Hours Computer Integrated Manufacturing – College Hours	Graduation Requirements: English – 4 credits Math – 4 credits Science – 3 credits Social Studies – 3.5 credits STEM Elective – 1 credit Fine Arts – 1 credit Communication – 0.5 credit Financial Literacy – 0.5 credit Physical Education/Health – 1.5 credits Postsecondary Assets – 2 required

*This sample plan of study offers an example of what a student's individual plan of study in this pathway might look like. Please note that some courses may not be offered on an annual basis and participation in classes may be subject to space.

[Click here to explore](#)

STEP 3: UNDERSTAND KEY ACADEMIC INFORMATION

3. Understand Key Academic Information

Before selecting courses, families should review information regarding the following important academic policies and guidelines:

College Admissions Information

Know what colleges typically expect regarding:

- Core course requirements
- Recommended coursework for selective programs
- Importance of rigor (honors, AP, dual credit)

NCAA Eligibility Guidelines

Students considering college athletics should ensure their course selections meet NCAA academic requirements.

GPA Calculations & Weighted Grades

Review how GPAs are calculated, how weighted grades work, and how they affect class rank and postsecondary opportunities.

Graduation Requirements

Understand required credits in English, math, science, social studies, PE/health, electives, and pathway-aligned coursework.

Note: [Pathway Plans of Study](#) include graduation requirement guidance.

[Click here to explore](#)

USD 232 GRADUATION REQUIREMENTS

ALL STUDENTS MUST EARN 25 CREDITS IN THE FOLLOWING AREAS:

Communication

English: 4 credits

Communications: .5 credit

STEM

Math: 4 credits

Science: 3 credits

STEM Elective: 1 credit

Society & Humanities:

Social Studies: 3.5 credits

Fine Arts: 1.0 credit

Employability and Life Skills:

Physical Education: 1 credit (9th)

Health: .5 credit (10th)

Financial Literacy: .5 credit (12th)

Electives: 6.0 credits

2 or more Post Secondary Assets (PSA)

1 credit=Full Year .5 credit=Semester

HONORS/AP VS. GRADE LEVEL CLASSES

Things to think about:

- What subjects am I interested in?
- How much time do I have outside of school? (sports, activities, job, family)
- Current teacher input?

[Honors vs. Grade Level Course Information](#)

STEP 4: ACCESS THE INTERACTIVE COURSE GUIDE

4. Access the Interactive Course Guide

Once you have reviewed postsecondary goals, pathway options, and academic information, view the **INTERACTIVE COURSE GUIDE** ➤

Here you can explore:

- Full course descriptions
- Prerequisites, grade levels, and recommendations
- Opportunities within each pathway or department

Follow the steps below to use the **INTERACTIVE COURSE GUIDE** ➤

1. Choose the student's **grade level** for the upcoming school year. This ensures that only appropriate course options and requirements are displayed.
2. Filter courses using the **Courses by Pathway/Department** options on the right-hand side in ways that best support your planning:
 - Pathways → View courses that align with a specific pathway
 - Departments → View courses by academic subject area
3. Compare available courses to the student's pathway progression, interests, and postsecondary plans.

INTERACTIVE COURSE GUIDE

[Click here to explore](#)

STEP 5: FINALIZE COURSE SELECTIONS

*Math
recommendations
made by current
teacher



FRESHMAN COURSE REQUEST WORKSHEET

Use this form as a template to outline your courses for next year. All students must enroll in a full 8-block schedule. Once you have outlined your classes, use this sheet to complete the Google Form and submit it to request your classes.

Each line represents a full block or two semester classes.

1. Math	
2. English 9 or Honors English 9	
3. World Geography/Civics or AP Human Geography	
4. Biology or Honors Biology	
5. Physical Education	
6.	
7.	
8.	

Alternates:

1.	1.
2.	2.
3.	3.

COURSES AVAILABLE FOR FRESHMEN

- All Freshmen will select an additional 3 blocks of electives to create a complete schedule
- See the Course Guide for course descriptions and information:

Interactive Course Guide

Freshman Course Options

Communications

- ☐ Communications (.5)
- ☐ Debate (.5)
- ☐ Forensics (.5)
- ☐ Drama (.5), *Advanced Drama (.5)
- ☐ A/V Productions (.5)
- ☐ Media Communications(.5)

Fine Arts

- ☐ Forensics (.5)
- ☐ Drama (.5), *Advanced Drama (.5)
- ☐ Marching Band-Fall (.5)/*Concert/Symphonic Band-Spring (.5), *Jazz Band (1.0)
- ☐ Choir Foundations (1.0)
- ☐ Class Piano for Beginners (.5), *Piano II (.5)
- ☐ Multimedia Music (.5), History of Rock & Roll (.5)
- ☐ Art 1 (.5), Survey of Fine Crafts (.5), Graphic Design I (.5),
*Drawing (.5), *Ceramics (.5), *Sculpture (.5), *Metals & Glass (.5)

Physical Education (Required)

- ☐ Boys PE (1.0)
- ☐ Girls PE (1.0)

Electives

- ☐ Strength & Conditioning-Fall/Spring (.5/each)
- ☐ Essentials of FAID (.5), Human Growth & Development (.5), Family Studies (.5), Nutrition & Dietetics (.5), *Culinary Essentials (.5), * Fashion Trends (.5), *Interior Design (.5)
- ☐ Spanish 1 (1.0), Spanish 2 (1.0), French 1 (1.0)
- ☐ Intro to Skilled Trades (.5)
- ☐ Engineering Design (1.0) ** STEM elective
- ☐ Drafting (1.0)
- ☐ Business Management (.5)
- ☐ Event Planning & Management (.5)
- ☐ Sports Literature (.5)
- ☐ Creative Writing I (.5), *Creative Writing II (.5)

**Courses marked with an asterisk require a prerequisite or concurrent course*

WHERE CAN I FIND INFORMATION?

THE COUNSELING WEBSITE!

The screenshot shows the Mill Valley High School website. At the top is the school's logo and name. Below is a navigation bar with links: About MVHS, Academics, Activities, Athletics, Counseling & Services (highlighted with a red arrow), Parents & Students, and Calendar. Under Counseling & Services, there is a sub-menu with Student Services (highlighted with a red arrow), Health Services, and School Resource Officer. The main content area has a breadcrumb trail: HOME > COUNSELING & SERVICES > STUDENT SERVICES > COURSE SELECTION INFORMATION. On the left is a sidebar with links: Course Selection Information (highlighted with a red arrow), Academic, College / Career, Personal / Social, and Summer Assignments. The main heading is "Course Selection Information". Below it is a video thumbnail showing two students in a school hallway, with a play button icon. To the right of the video are three buttons: ACADEMICS OVERVIEW, CAREER PATHWAYS & PLANS OF STUDY, and INTERACTIVE COURSE GUIDE. Below the video is a paragraph: "Check out this video for updates regarding course selection for the 2026-27 school year, including new classes and our updated course catalog and pathways." Below this is a section titled "Course Information" with three buttons: Course Information, Off-Campus Programs, and Class of 2030 (Incoming Freshmen) (highlighted with a red arrow). At the bottom left is a link for STEM Electives.

Mill Valley High School

About MVHS Academics Activities Athletics **Counseling & Services** Parents & Students Calendar

Student Services Health Services School Resource Officer

HOME > COUNSELING & SERVICES > STUDENT SERVICES > COURSE SELECTION INFORMATION

Course Selection Information

Course Selection Information
Academic
College / Career
Personal / Social
Summer Assignments

ACADEMICS OVERVIEW
CAREER PATHWAYS & PLANS OF STUDY
INTERACTIVE COURSE GUIDE

Check out this video for updates regarding course selection for the 2026-27 school year, including new classes and our updated course catalog and pathways.

Course Information

Course Information Off-Campus Programs **Class of 2030 (Incoming Freshmen)**

[STEM Electives](#)

HOW DO I SUBMIT MY COURSE REQUESTS?

Complete the Google Form:

Freshman Course Selection Form

- Available to complete **January 26, 2025**
 - ◆ Students must be signed into their USD 232 account to complete
- **Due by February 18, 2026**

Still have questions?

- Student Ambassadors ELT Visits
 - ◆ Monticello Trails Middle School: 1/26
 - ◆ Mill Creek Middle School 1/26
- Incoming Freshman Night
 - ◆ Monday, February 2, 2026
 - ◆ 5:30-7:30 MVHS
 - ◆ Elective showcase, Honors/AP info & MVHS Overview
- Jaguar Jumpstart
 - ◆ Coming in August!
 - ◆ Tours/Activities/Athletics Information

2026-27 Freshman Year Course Selection Form

CHOOSE WISELY & WITH INTENTION!

Students will be expected to complete the courses they are choosing including alternates.

Student's math teacher will recommend placement for next math course. Math recommendations will be available in student Skyward by 2/19/26.

* Indicates required question

Email *

☐ Record mmixon@usd232.org as the email to be included with my response

Student First Name *

Your answer

Student Last Name *

Your answer

Current middle school *

Choose

English (required) *

Choose

Mill Valley High School

Incoming Freshman Night



Monday,
• February 2, 2026 •
5:30 - 7:30

Mill Valley High School

5900 Monticello Rd
Shawnee, KS 66226

*Come in main entrance at the
back of the school.



5:30 PM - 6:15 PM

Elective Open House

- Come see the elective classes that are available to your students and meet the teachers.



6:15 PM - 7:15 PM

MVHS Presentation

- Including information on:
- Honors/AP classes
- Course Selection
- Day in the Life of a Jaguar
- High School 101



Questions?



Contact Megan Mixon at
mmixon@usd232.org

WELCOME TO THE MVHS FAMILY!

We look forward to seeing you next fall!