



## What Electives are offered at CJSHS?

Course Selection for 2023-24

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### AVID

#### AVID 7–8th grade

***AVID is a voluntary program for both students and teachers. Students must complete an AVID application and agree to an AVID contract that holds them to specific grades, GPA, and other requirements.***

Junior high AVID is an introduction for students that wish to enroll in high school AVID, and graduate as an AVID scholar. Students will learn Cornell notes, tutorial processes, and strategies that involve WICOR (writing, inquiry, collaboration, organization, and reading). This class also gives students an opportunity to begin career and college exploration.

#### AVID 9–10th grade

***AVID is a voluntary program for both students and teachers. Students must complete an AVID application and agree to an AVID contract that holds them to specific grades, GPA, and other requirements. \*Graduating as an AVID scholar requires completion of at least three years of the AVID course in high school.***

9th and 10th-grade AVID are classes that support students in taking rigorous and challenging classes such as honors or advanced placement courses. Students are expected to take rigorous Cornell notes in all of their core classes, complete tutorials twice weekly, keep and maintain an organized binder, and deepen their skills in WICOR strategies (writing, inquiry, collaboration, organization, and reading). Students also prepare for college entrance exams they will be taking as juniors and seniors. This class also gives students an opportunity to continue career and college exploration.

#### AVID 11–12th grade

***AVID is a voluntary program for both students and teachers. Students must complete an AVID application and agree to an AVID contract that holds them to specific grades, GPA, and other requirements. \*Graduating as an AVID scholar requires completion of at least three years of the AVID course in high school.***

11th and 12th grade AVID are classes that support students in preparing for college entrance. These courses support students in AP classes, using WICOR (writing, inquiry, collaboration, organization, and reading) strategies to have the skills ready for college, and prepare for college entrance exams such as the SATs and ACTs. Students will be applying to college and scholarships, as well as maintaining their AP courses and high grades in preparation for college entrance.

### Performing Arts

#### Concert Band (Grades 9–12)

***Performances are mandatory and may include competitions. Students must wear agreed upon attire.***

Concert Band provides an academic opportunity to participate in instrumental ensemble playing for grades 9–12. Special attention is given to forming proper habits with regard to band routine, tone production, instrument technique, intonation, interpretation, development of ensemble performance skills through skill study and participation, and fundamentals of music theory, music reading, and listening skills. Students are able to study and appreciate representative music of different styles within the technical and intellectual range of their abilities. Concert Band performs at a number of concerts and community events during the year. Performances are mandatory and may include competitions. Students must wear agreed upon attire.



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### Introduction to Guitar (Grades 9-12)

***Performances are mandatory and may include competitions. Students must wear agreed upon attire.***

Guitar will focus on the basics of the instrument and the application to essential music fundamentals. Students will learn the basics of playing guitar through studying music notation, chord symbols, and peer modeling. A brief history of the guitar and a study of its respective musical styles will also be covered in this course.

### Junior High Band (Grades 7-8)

***Performances are mandatory and may include competitions. Students must wear agreed upon attire.***

JH Band is a class to continue improving playing skills on woodwind, brass and percussion instruments for grades 7-8. Beginners are welcome. The focus of the class is on improved technical proficiency and the development of basic skills including tone development, rhythm, music reading, notation skills, sight-reading, scales and music theory, music vocabulary and symbols, listening, interpretation, equipment care, and maintenance, and effective practice habits. Different styles of music will be studied. Performances are mandatory and may include competitions. Students must wear agreed upon attire.

## Visual Arts

### Junior High Art (Grades 7-8)

JH Art is a fun and exciting introductory course to the world of art. The year will focus on making and creating through the playful emphasis of exploration and discovery. Students will be introduced to a wide variety of professional, top quality, artistic mediums, tools and techniques to assist the playful approach to making. This course showcases a wide variety of amazing artists and all the fascinating ways to create artistic expression from the past to the present. Students will also learn how to discuss and write about art and the art process. This course is designed to excite and inspire students to have a long lasting passion to create and be creative.

### Beginning Art (Grades 9-12)

Beginning Art is an introductory course designed to develop skills, awareness, perception and love of the world of Art through hands-on exploration and discovery. This course showcases a wide variety of artists and all the amazing ways to create artistic expression from the past to the present. Course content will focus on the development of visual literacy while learning how to successfully build a work of art. Students will also learn how to critically discuss and write about art and the art process. Students will be introduced to thematic units in Drawing with graphite and charcoal, Color Theory with watercolors and acrylic painting, and 3D Sculpture Design with ceramics and pottery. A fun, exciting and nurturing environment will be provided in hopes to foster a long lasting passion to create and be creative. Students will receive A-G credit upon completion of this course.

### Intermediate Art (Grades 10-12)

***Prerequisite: successful completion of Beginning Art***

Intermediate Art is an intermediate course which continues to build upon skills, awareness and perceptions developed in Beginning Art through hands-on exploration and discovery. This course will continue to showcase a wide variety of artists from past to present with an emphasis on college and career related art fields. Students will also continue to learn how to critically discuss and write about art and the art process through the development of a personal digital portfolio. Students will be introduced to career related art fields through thematic units in Photography, Digital Art, Animation, Video production, Silk Screening, Airbrushing, Ceramics,



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Pottery, and Canvas Painting. Second and third year students will also take the role of a professional artist by curating the *Annual Calistoga Student Art Show*. A fun, exciting and nurturing environment will be provided in hopes to foster a long lasting passion to create and be creative. Students will receive A-G credit upon completion of this course.

### AP Drawing (Grades 10-12)

**Prerequisite:** *successful completion of Beginning Art*

AP Drawing is a rigorous course designed for the serious art student interested in a focused pursuit towards college and career readiness in art. Students will be introduced to career related art fields through thematic units in Photography, Digital Art, Animation, Video production, Silk Screening, Airbrushing, Ceramics, Pottery, and Canvas Painting. AP students will also take the role of a professional artist by curating the *Annual Calistoga Student Art Show*. Throughout the year students will continue to build skills in how to critically discuss and write about art and the art process through the development of an AP digital portfolio and personal artist website. All students enrolled in AP Studio Art are expected to prepare for the AP Studio Art Exam/Digital Portfolio Submission. This will include a sustained investigation and completion of all three aspects of the AP Studio Art board requirements of the digital portfolio submission in Quality, Concentration and Breadth.

### Yearbook (Grades 8-12)

**Prerequisites:** *A, B grade in current English class*

This course is designed to develop students' skills in a variety of aspects related to yearbook production. The skills that will be developed include: copy, caption and headline writing; page design; editing; photography; photo editing; marketing; desktop publishing and appropriate use of technology tools for media production. Students in this class will be required to attend 2 after school events per quarter to capture pictures and gather information through interviews. Students will also be required to actively market and sell their product - the yearbook. Students will gain valuable real-world skills in communication, time management and teamwork.

### Woodshop & Drafting

#### CTE, Introduction to Woodworking, Level 1 (Grades 9-12)

Building & Construction Trades Sector – Cabinetry, Woodworking, Millworking Pathway

**Woodworking is a course designed to introduce students to general woodworking practices.** Students will expand their knowledge and experience through various projects, lessons, and vocabulary. Students will be expected to learn about and safely use hand tools, power tools, and woodworking machinery. The projects are designed to give students as much experience as possible by using many different machines and tools. The projects will also cover as many aspects of the building and woodworking industries as is possible in an entry level course.

Upon successful completion of this course, the student will have woodworking skills that will be useful in any aspect of the construction industry. Additionally, the student should have a broader understanding of construction processes as well as more in depth problem solving skills.

#### CTE, Cabinetmaking, Level 2 (Grades 10-12)

Building & Construction Trades Sector – Cabinetry, Woodworking, Millworking Pathway

**Prerequisite:** *CTE, Introduction to Woodworking, Level 1.*



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In Cabinetmaking, students are expected to refine previously learned woodworking skills and achieve a higher level of competence working with tools and materials. Individualized projects focus skills on furniture making and cabinetmaking and other projects conducive to custom woodworking. Students will also develop leadership skills by working cooperatively with other students in the class.

### Engineering Design (Grades 9-12)

Engineering Design is a course allowing the students to develop drafting techniques and skills required for employment in the manufacturing, engineering, construction or architectural fields. The course begins with an introduction to drafting tools, methods, and basic mechanic drafting problems. Students are introduced to computer-aided drafting. Computer aided drafting (CAD) is emphasized in learning advanced drafting skills and techniques.

### JH Drafting/Wood (Grades 7-8)

This is a basic course in woodworking and drafting. In the woodworking portion of this course students will learn how to use hand tools and basic machine tool processes. Safety awareness is stressed in all areas of instruction. Student projects are selected on the basis of difficulty, student level (7-8) and time constraints.

In the drafting portion of this class students will learn how to express their ideas graphically and interpret the graphic representation of others. Students will gain an understanding of basic drawing techniques and the relationship of drafting to other aspects of the working world.

## World Languages

### Spanish 1 (Grades 8-12)

***Prerequisites: For beginning students who are new to the Spanish language***

Spanish 1 is an introductory course designed to develop in students the skills, knowledge, and understanding involved in learning Spanish. This beginning level course focuses on the development of communication skills and the building of awareness of cultural differences and similarities through authentic materials and real-life activities. Emphasis is placed on listening and speaking as well as on the development of beginning reading and writing. Students learn to respond spontaneously to simple, real-life conversational cues. Students will be taught to communicate in diverse ways in the target language rather than merely showing knowledge about the language.

### Spanish 2 (Grades 9-12)

***Prerequisites: Completion of Spanish 1 with a C or better; requirement waived for native Spanish speakers***

Spanish 2 is an intermediate course that continues to build upon structures and skills developed in the first year, emphasizing these special objectives: oral competence, development of reading skills, the continuation of a formal study of grammar, progressive skill in writing, and the nurturing of cultural awareness. The goals for this level include writing short compositions and letters, reading a variety of texts and speaking in everyday situations. Students begin to use the language creatively and naturally, in both spoken and written formats, and to use and expand upon learned, high-frequency linguistic patterns. Practice includes the language of daily activities and common events, and narrations in the present, past and future tenses. A variety of teaching methods and classroom organization models are employed to attain these goals.



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### Spanish 3 (Grades 9–12)

**Prerequisites:** *Completion of Spanish 2 with a grade of C or better*

Spanish 3 is an intermediate class where students complete a thorough review of Spanish grammar and build their proficiency in the areas of speaking, listening, writing, reading and vocabulary recall. Students are encouraged to go beyond language acquisition to language application in community settings, laying a foundation for future careers, and making language acquisition a life-long endeavor. Students develop insight into the nature of language and culture through comparisons with their own. The course seeks to develop language skills and insight that are useful in themselves and that can be applied to various activities and disciplines. Extensive practice in the analysis and synthesis of materials as well as the organization and writing of compositions is emphasized.

### AP Spanish Language (Grades 10–12)

**Prerequisites:** *Completion of Spanish 3 with a grade of C or better*

The AP Spanish Language and Culture course is a rigorous, college-level course taught exclusively in Spanish that helps students improve proficiency in the interpretive, interpersonal and presentational modes of communication in order to prepare students to use Spanish throughout their lives in various contexts. This course builds upon skills and content studied in the previous years, where the six-course themes have previously been studied in order to prepare students for the AP® experience. Our principal textbook, Temas, is full of authentic resources culled from a variety of sources in the Spanish-speaking world. Additional authentic resources such as literature, essays, magazine and newspaper articles, current websites, podcasts, video, and other current audiovisual resources are used to help students explore different cultural elements from the Spanish speaking world and compare them to their own experiences in order to understand target cultures and thus communicate more richly and effectively.

### Additional Electives

#### ASB Leadership (Grades 7–12)

**Prerequisites:** *High School students must have teacher signature for approval*

Calistoga Junior/Senior High School's ASB (Associated Student Body) is a one-year course. There is an ASB Junior High class and an ASB High School class. The ASB is responsible for promoting school spirit, planning fundraising events, dances and rallies for all CJSHS students. The ASB is also responsible for promoting community involvement through volunteering. Students who are interested in developing or growing their leadership, communication, citizenship, and scholarship skills should consider taking this class. There are

### CTE, Honors Biotechnology, Level 2 (Grades 11, 12)

**Prerequisites:** *CTE, Biology for Biotechnology, Level 1*

is a laboratory-based course that introduces students to techniques employed by the biotechnology industry while also teaching and reinforcing the skills required to be a successful laboratory technician in any scientific field. Upon completion of this course, the students will be able to understand the role of biotechnology in society including the risks and benefits, they will understand the significance of biotechnology in pharmaceutical development, agriculture, forensics, genetic testing, industrial products, and scientific research, and they will demonstrate basic laboratory skills used in academic and industrial biotechnology laboratories.



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**Articulation Agreement:** This course is articulated with Biot 160 (introduction to Biotechnology, Lab class) at Solano Community College and will be taken for a letter grade. Upon successful completion of the course with a B or higher, a professional & legal scientific notebook that documents labs performed and passing the end of course exam with a B or higher students will earn 4 units of lab credit from Solano Community College.

### **Inventing Smart Solutions: Connecting Computer Science and Sustainable Design, by L-MIT (Grades 9-12)**

Connecting Computer Science and Sustainable Design is a year-long, project-based curriculum that allows students to discover and carry out authentic, independent research in their area of interest. Students will work on group projects that create human-centered solutions that improve their local communities and world around them. Students will learn how to integrate computers, technology, hands-on building, science, engineering, creativity, art and maker design into their projects. Their work will be informed by environmentally sustainable design practices throughout the process of invention. As a high school elective, the class does count towards the UC "A-G" college requirements. It involves field trips, working in the community with Industry and Academic partners and collaborating in groups. This is an MIT partnership supported class. Because of this, students are expected to bring their most professional work ethic skills and be required to present, collaborate and partner with academic and business industry partners in a professional way.

### **Culinary 1 (Grades 9-12)**

Hospitality, Tourism, and Recreation Industry Sector

Food Service and Hospitality Pathway

Culinary 1 is an introduction to professional cooking and baking, and we eat what we make. We go about our daily work as we would in a professional kitchen. In Culinary 1 you are not a high school student in a high school class, you are a "professional in training" working in a professional kitchen. The skills you learn in Culinary 1 will help you advance in any career or job you pursue. Can you show up on time ready to work every school day? If yes, the Culinary 1 adventure is waiting for you. The class requires you to do your best work every day to be successful. Are you doing your best every day? We have leadership positions available in our class business.

### **Food Service & Hospitality (Grades 10-12)**

Hospitality, Tourism, and Recreation Industry Sector

Food Service and Hospitality Pathway

**Prerequisite:** Culinary 1

Culinary 2 is for students who have completed Culinary 1. This class focuses on becoming an entrepreneur and manager. Culinary 2 students will create and price menus, and lead a team of their peers in preparing excellent food and provide executive guidance for the class business. In Culinary 2 you will learn what it takes to start a food business, by starting a food business in Culinary 2 class.

### **Ethnic Studies (Grades 10-12)**

Ethnic Studies will explore themes of racism, social justice, social responsibility, and social change. The course spans from past to present, from politics to social reform. The course will focus on the experiences of various





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racial, ethnic, and religious identity groups. The course will also allow students to consider concepts related to their own personal, group, and/or national identity.

### **Film Studies 1/2 (Grades 9-12)**

Film Studies will introduce students to the film industry and history of cinema through the study of classic and contemporary films. Emphasis will be placed on exposing the class to a wide variety of styles and genres as well as formulating and justifying criticisms of the works. Hands-on projects, written analyses and participation in class discussions will be requirements for successful completion of the course. The objectives for the course is to expose students to a variety of film genres, helping them develop an appreciation and understanding of this art form and to increase their ability to use writing as a form of critique.

Specifically, students will examine genres including: sports and the underdog, comedy, monster movies & special effects, documentaries & social commentary, westerns, science fiction, adventure & heroes, the golden age of Hollywood, and animation. Driving questions will be “How are films a reflection of society and culture? How are films a form of literature? What can we learn about ourselves through film?”

### **Internship (Grades 11-12)**

The internship program provides valuable, hands-on experiences in a variety of workplace settings. Students have an opportunity to explore careers that interest them, and gain first-hand knowledge about how to prepare for those careers. Students may choose from a list of available sponsors, or may request a particular sponsor or opportunity be developed. Students interested in the internship program should make an appointment with Ms. Surber to discuss the many possibilities.

### **Introduction to Organic Gardening (Grades 9-12)**

The vision of the organic gardening class is to reduce health disparities and environmental degradation caused by industrialized food systems by empowering youth to participate in building a sustainable local food environment at our high school, specifically within our four gardening plots and our orchard. Our garden mission is to educate and empower students of Calistoga Jr/Sr High School in understanding and participating in their local and global food systems. The program will incorporate the principles of agriculture, economics, environmental sciences, food sciences, culinary arts, and public health in an effort to build community capacity, decrease health disparities related to food access/affordability, and increase self-efficacy in changing the food system; helping students and families to make healthy food choices that benefit individuals, the community, and the environment. Our core values are:

1. Sustainability – The globalization of the agriculture market has led to a disconnect between consumers and the agricultural and ecological processes related to raising the food we eat; people are unaware of what they consume. Additionally, the population of Earth recently reached seven billion people and is continuously exponentially increasing and current agricultural practices will not be able to feed this increasing population. Students will develop an understanding of and implement agricultural principles that support local and global ecological sustainability.
2. Participation – To develop a sustainable garden to table program, students need to participate in all levels of program planning, development, fundraising, marketing/advertising, evaluation and projects





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3. Social Justice and Equity – Healthy food choices are not available to all social demographics nor are all social demographics equally represented in the agricultural business. Students will research the disparities in the availability of maximally nutritious food choices.

### **Weightlifting (Grades 10-12)**

***Prerequisite: Completion of PE 1 and PE 2/or concurrent enrollment in PE 2***

This course is designed to give students the opportunity to continue to learn and apply fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn advanced techniques of strength training, aerobic training, and overall fitness training and conditioning. Students will learn the function, development and anatomical necessity of all muscle groups. Students will learn, understand and develop a nutritional diet to fit their individual body composition goals. The course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

### **World Geography (Grades 9-12)**

Students utilize physical and cultural perspectives to examine people, places, and environments at local, regional, national, and international levels. Students describe the influence of geography on the events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution of movement of world population; relationships among people, places, and environments; and the concept of religion.