



Sonoma Valley High School

Metals

Room E5

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Course Summary:

Students will demonstrate increasing knowledge and skills through experimentation and exercises in various metal-working techniques both individually and collaboratively. Students will be able to recognize and apply different techniques used with different types of metal mediums. Weekly Online production journals will be used to document the progression of skills acquired, and self-expression. These digital journals will contain visual and written entries, which will include responses and reflections on their creations.

Objectives:

1. Specific skills and concepts.

Students will understand:

- How to use power/hand tool, torches, and other equipment properly and safely.
- Beginning techniques of jewelry fabrication.
- Basic designing skills and techniques.
- The value of the historical/cultural background of jewelry design.
- Contemporary issues and concepts of contemporary jewelry design.
- Terminology, processes, and techniques related to metal design.

Students will be able to:

- Work with a variety of hand and power tools and metals.
- Generate, conceptualize, organize, develop, refine and complete ideas and work.
- Use a range of metal fabrication techniques with different metals to create projects.
- Develop works of personal expression to communicate ideas, emotion and information.
- Perceive, analyze, and interpret intent and meaning in work.
- Develop technical skills for fabrication.
- Layout a design, cut it out of metal, then file, sand, and polish the piece.
- Properly use, care, storage and safety of materials.
- Participate in constructive class critiques.
- Know and follow studio safety and clean-up procedures.
- Recognize and value technical precision.
- Develop craftsmanship skills.

Grading - Assessments and Grading will be based on:

1. **Weekly Production Online Portfolio Entries** – Photos of the student’s work and written responses uploaded to Google Classroom. The photos can show the progression of work, finished work, and their planning and forethought (often sketches). The weekly entries will also contain written responses to prompts about the week’s content. This weekly digital journal will be evidence of the student’s: Use of Time (In the Studio or at Home), Use of Tools and Materials -- this includes the use of their cell phones or other personal technology, and adherence to the Studio Contract and Peer Interaction.
2. **Semester Digital Portfolios** – Final digital collection of finished work that shows mastery of each project’s current objective, Proper use of Materials, Creativity and Originality, Craftsmanship, and Connections with Personal Meaning.

Calculating Semester Grades

- 90% of the final semester grade is based on the work & the processes shown in Weekly Production Journal Entries.
- 10% of the final grade will be based on the final portfolio review.
- Standard grade breakdown: 100-90% A, 89-80% B, 79-70% C, 69-60% D, below 60% Failing.

Classroom Policies:

- Be Prompt, Be Polite, Be Prepared, Be Productive
 - Do not mistreat materials, tools, computers or hardware.
 - Make use of class time / Take notes when directed.
 - Listen during demonstrations. Do not talk unless you have a question.
 - Clean up-- as assigned by groups, after yourself, and within the specified time
 - Music is a privilege at teacher’s discretion—all music is played for class
- If these rules cannot be followed you will get a warning then points will be deducted from the “process” part of your grade.
- Cell Phone & other personal tech use is only with Teacher permission & direction

Behavior Expectations:

Show up – Pay Attention – Apply yourself and demonstrate respect, restraint, and responsibility.

Keys to Success:

Come with an open mind, have fun, work hard, and never underestimate yourself....

Items needed for Class:

\$25.00 Suggested Donation. Bring a Pencil everyday!!

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SVHS Metal Shop

Student Guidelines for Personal Conduct

(Expected Daily Behavior Contract)

1. The classroom will be a safe and positive environment for all students. Verbal or physical harassment will not be tolerated.
2. Tardiness to your work site (class) is unacceptable. When the start-class tone sounds you must be in your seat and quiet. You must be prepared to participate and be productive – have all required tools: safety glasses, protective clothing, personal device, paper and pencil daily.
3. Cleaning up after yourself and putting tools & materials back where they belong is required every day.
4. Personal Protective Equipment (PPE)-
 1. Safety Glasses are to be worn in the shop when students are working. This means if one student is working ALL will wear their safety glasses.
 2. When welding, the proper eye protection, such as welding goggles or helmet will be worn over regular safety glasses. Leather protective gear will be worn.
5. Students will store safety glasses, projects and personal valuables in their assigned locker. Under no circumstance are students to share their locker combinations with others.
6. iPads, shop computers, and personal cell phones will only be used for Metal Shop related work.
7. Horseplay is not allowed in the Metal Shop. Horseplay will lead to appropriate disciplinary action and/or grade reduction...not to mention injury or damage.
8. Destructive behaviors or stealing will not be tolerated. This applies to classmates and/or school property such as; desks, books, backpacks and shop tools, tooling and equipment. The appropriate disciplinary action(s) will result.

The Metal Shop Contract:

I, _____, have read this syllabus in its entirety.

I understand the classroom rules: Be Prompt, Be Polite, Be Prepared, Be Positive & the **Student Guidelines for Personal Conduct**. I will learn and follow specific classroom procedures as they are taught.

I understand the Metal Shop's classroom cell phone policy.

I understand the academic challenges of this course. I understand that there might be homework and that out-of-class work time will be essential in order to succeed.

I promise to use my in-class studio time to do WORK. I will use my time and material resources as productively as possible.

I promise to NEVER put down myself, my work, or the work of others. I understand that the metal shop is a safe place.. I promise to regard my less successful projects as a learning experience, never as a failure.

I understand that critical analysis is necessary for growth, and I understand the difference between a put-down and a critique. Put-downs are negative comments with the intention of belittling. Critiques are analysis with the intention of building people up and helping them improve their skills.

I promise to maintain open communication. If I have problems, concerns, or questions, I will communicate them with my teacher.

Please pay your \$25 suggested donation within three weeks from the start of the semester.

Print Student Name

Parent/Guardian Signature

Date

Student Signature

Date

Home Phone Number

Alternate Phone Number

E-mail Address

Student Note:

**This is a contract which
you are promising to
abide by when you sign
your name on this line.**