

Fir Ridge Campus Industrial Art

Michelle Colbert

michelle_colbert@ddsd40.org

Room 14

503-256-6530 Ext# 8164

Text (503) 897-0776



Course Description

This .50 CTE (two semester) course is a maker-space studio experience designed to broaden the students' concept of material possibilities, invention and creative problem solving. Students will learn hands-on, relevant industry skills as well as explore pathways to manufacturing programs and career possibilities. Throughout this course we will be partnering with outside agencies such as Impact Northwest and NIKE's Inventors Club. Through these partnerships students will be able to access Impact NW's Pathways to Manufacturing (PTM) program as well as receive mentorship from NIKE around IT and Manufacturing careers. PTM provides training and exposure for careers in manufacturing and skilled trades for Portland area high school juniors and seniors. Students will visit Portland area companies, colleges and training centers, engage in hands-on engineering design activities, and develop job attainment skills. Students may also be eligible for a \$2,000 paid summer internship at a manufacturing company. Students who are interested in manufacturing trades careers will also have the opportunity to earn an OSHA-10 Safety Certificate upon request.

Coursework

Course Learning Objectives:

1. **Workplace Success:** Discuss and practice essential soft skills critical to workplace success through hands-on activities and classroom assignments.
2. **Technical Skills:** Develop technical skills in operating manufacturing machinery, and gain experience in designing and building projects from raw materials.
3. **Career Exploration:** Learn about career pathways, training opportunities, and the manufacturing sector in Portland through in-class exploration activities, guest speakers, and site visits.

Effective Use of Class Time:

- A successful studio environment is built on teamwork, mutual support, and active participation.
- Students are expected to arrive on time, ready to work, and take care of materials and the workspace respectfully and safely.
- Misuse of tools, classroom equipment, or unsafe behavior during site visits will result in disciplinary action, including referral and potential removal from the class.
- Safety First! There is zero tolerance for safety hazards. All students will be trained in workplace safety and will be expected to adhere to the safety standards of each project presented.

Students must:

- Fulfill assigned roles and responsibilities in projects.
- Act positively and support peers.
- Use class time effectively, including cleaning up materials and the workspace.
- Dress appropriately and act responsibly during site visits, adhering to school policies.
- Use personal protection equipment (PPE) and follow safety protocols when operating machinery.

Internship Requirements: To qualify for summer services such as paid internships, job leads, and training opportunities, students must meet course requirements and demonstrate commitment and readiness for industry-level responsibilities.

Grading

The grading policy for the Industrial Art course is designed to evaluate students based on their creative projects and active class participation. At the beginning of each project, students will be given project criteria, expectations, and product timelines and asked to grade themselves first based on each project's criteria.

The grade distribution is as follows:

1. Projects – 70% of the Grade:

- Content: Evaluation will focus on understanding the specific vocabulary taught and the ability to apply learned techniques on assignments
- Craftsmanship: Grading will consider the students' craftsmanship, neatness, and effort in experimenting with different materials.

2. Participation – 30% of the Grade:

- Class Engagement/Production: Students are expected to actively participate, listen during instruction, and work productively during independent time. Consistent attendance, effective time management, and effort in completing assignments are essential. Positive behavior, respect for classmates' work, and a proactive approach to challenges are key.

Late Work Policy:

- Students are encouraged to communicate with the instructor if they encounter any issues that might delay their submissions. All work is due the Monday before the grading period ends.

Makeup Work:

- Students who miss classes or deadlines due to absences will be allowed to complete makeup work without penalty, but will need to arrange time after school or during enrichment to complete projects. If the materials are not classroom-specific, work can be made up at home.

Materials

All project-specific materials will be provided or made available by the teacher. While students are welcome to bring their own supplies, they are not required to do so. Students will be notified in advance for activities involving glue, painting or other messy materials, and aprons will be available to protect clothing. Students may also work with sharp or hot tools during certain projects and are expected to use these materials responsibly. Safety instruction and, when appropriate, personal safety equipment will be provided. If there are any safety concerns, alternative options will be provided.

Classroom Expectations

- **Studio Environment:** A successful studio environment is built on teamwork, support for one another, and full participation. Arrive on time, ready to work, and take care of materials and the workspace respectfully and safely.
- **Absences/Tardies:** It is the students responsibility to check with the teacher about missed assignments due to absences. Excess absences may result in falling behind on projects. This time must be made up after school or at home when possible. Excessive tardies will result in a discussion with the teacher about creating a plan. If it continues, the student will receive a response form and a call home.
- **Safety:** Safety is a top priority. Unsafe behavior or actions that create hazards are not permitted. Students who disregard this policy must review safety norms with the teacher and receive a response form to document the incident. This will also result in a call home to discuss the matter further.
- **Responsibility:** Fulfill your assigned roles and responsibilities in projects and act positively and supportively towards your peers.
- **Preparedness:** Be on time daily, ready to work with the necessary materials, and use studio time effectively, including cleaning up.
- **Technology Use:** During the day, cell phones and other devices should be off and away to maintain focus and engagement.

About Me

Outside of the classroom, I enjoy stand-up paddleboarding, especially when I can soak up nature's beauty and the warm summer sun. I'm also a dog lover and proud dog mom to two affectionate pit bull rescues named Stitch and Roscoe. Family is important to me, and I cherish my trips home to Hawaii and Kentucky , where I get to spend quality time with my loved ones. As an art teacher, I am dedicated to meeting students where they are and fostering an environment where creativity and growth thrive. My goal is to guide students in exploring their creativity, embracing challenges, and discovering and elevating their unique artistic voice.