Santa Barbara County Education Office
Susan C. Salcido, Superintendent

Certificated

JOB DESCRIPTION

TEACHER, CTE MANUFACTURING

Basic function

To teach courses in the Entrepreneurial *Manufacturing and Product Development CTE Pathway and CTE Career Exploration Lab* to students enrolled in Juvenile Court and Community Schools. The Juvenile Court School is located inside locked facilities operated by Santa Barbara County Probation. The Community School enrolls students who have been referred by their home district for expulsion, chronic absenteeism, and other behavioral issues.

Teacher will develop and refine course outlines and project-based lessons that support a hands-on curriculum emphasizing design thinking, problem-solving, innovation, technical skill-building, employability practices, and entrepreneurial thinking.

The Manufacturing and Product Development course covers product design, CAD, fabrication, manufacturing technologies, sustainability, and business principles. Students will engage in the full design and development process while gaining technical and business experience.

The CTE Career Exploration Lab exposes students to a variety of careers through rotating modules and authentic tools and equipment to simulate real-world work. Students complete assessments and reflect on their strengths to build early career awareness and make informed decisions.

Supervision

Directly responsible to the Director and/or Coordinator of Juvenile Court and Community Schools.

Representative duties

- Provide instruction to at-promise students assigned to a county community school and in a juvenile probation facility, in accordance with State and Federal statutes and the policies of the Santa Barbara County Education Office.
- Teach concepts and skills in product innovation, design, manufacturing, and career exploration, with opportunities to integrate graphics, entrepreneurship, and related fields.
- Instruct students in design principles, CAD, fabrication tools, and manufacturing techniques, ensuring industry standards alignment and safe tool and equipment usage.
- Develop and refine project-based curriculum and lesson plans for both courses, aligning instruction with CTE standards and real-world, industry-relevant applications.
- Create a rigorous, inclusive learning environment by differentiating instruction to support diverse learners and promote high levels of student achievement.
- Integrate career awareness and exploration modules, along with professional skills development, into the curriculum and instruction of CTE courses.
- Introduce students to entrepreneurial concepts through activities such as product marketing, business planning, and managing a student-run enterprise.
- Incorporate the use of digital technologies and web-based programs within instruction and student learning tasks.
- Assess student learning, provide timely feedback, and collaborate with administrators, probation, colleagues, families, and support staff to advance student success.

- Collaborate with industry partners and fellow educators through advisory boards and professional networks to inform and enhance CTE programming.
- Participate in relevant professional development and regularly scheduled staff meetings to stay current on industry trends, CTE instructional practices, and school initiatives.
- Build and maintain employer relationships to provide work-based learning, including guest speakers, workplace tours, and mock interviews.
- Maintain accurate records, including student attendance, grades, materials inventory, and required documentation.
- Submit required forms, reports, and other documentation in an accurate and timely manner.
- Implement an approved classroom management plan consistently, with clear policies and procedures.
- Supervise student safety in all settings, promoting safety-conscious attitudes through instruction and practice aligned with established procedures and security protocols.
- Perform other related duties as assigned.

Knowledge, Skills, and Abilities

- Ability to follow SBCEO, Probation, and CTE policies and procedures, as well as state and federal regulations.
- Demonstrate expertise in subject matter and the ability to develop instructional units that integrate CTE, Common Core Standards, and 21st-century skills.
- Ability to motivate students in planning careers in the applicable industry pathway taught.
- Skilled in verbal and written communication, with the ability to deliver effective presentations using multiple modalities.
- Proficient in the use of technology including Microsoft Office Suite, Zoom, course-specific equipment/software, web-based programs, and interactive student learning systems.

Qualifications

Possession of a valid CTE California Designated Subjects Teaching Credential authorizing instruction in Manufacturing and Product Development. Experience and/or training appropriate to fulfill the requirements of the position.

Licenses and certificates

Possession of a valid California Driver's License if required by the duties of the assignment.

Working conditions

Work is performed in a classroom, office, and intermittent outdoor environments where minimal health concerns exist. Work environment is highly structured. Some indoor environments are located in a locked facility and require the ability to respond to behavior and safety concerns consistent with Probation protocols. The student population served may exhibit behavioral challenges, requiring the ability to engage in appropriate safety protocols.

Physical Requirements

Ability to push and pull heavy steel doors to move throughout a secure facility. Hearing and speaking to exchange information and assist students in instructional activities; dexterity of hands and fingers to operate a variety of laboratory and instructional equipment; and sitting or standing for extended periods of time. Should an applicant require reasonable accommodation, the Santa Barbara County Education Office will consider the request.