

**Auburn School District****JOB TITLE:** CTE Teacher – Digital and Engineering Technologies**REPORTS TO:** Building Administrator**UNIT CLASSIFICATION:** Auburn Education Association

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**Duties and responsibilities:**

- Plan, implement, and evaluate courses, classroom instruction, and activity programs consistent with building, tech prep articulation, and adopted district curriculum.
- Design and deliver instruction that reflects the district’s commitment to equity, ensuring all students—particularly those historically underserved—have access to rigorous engineering, computer science, and cybersecurity learning opportunities.
- Manage a multi-station lab environment supporting engineering, robotics, computer science, and cybersecurity instruction.
- Demonstrate familiarity with a variety of engineering, robotics, computer science, and cybersecurity fields and intentionally connect instruction to diverse perspectives, contributions, and career pathways.
- Diagnose and prescribe learning and training programs for individual students based on student aptitude, interest, identity, and lived experiences.
- Utilize culturally responsive instructional practices that affirm students’ identities and create a sense of belonging in technical learning environments where students of color have been historically underrepresented.
- Design and deliver instruction in areas such as programming, networking, systems design, and cybersecurity while embedding opportunities for students to examine real-world issues, including equity in technology access, bias in systems, and ethical use of technology.
- Provide for individual needs of assigned students and create opportunities for students to participate in authentic, real-world technical and career-connected learning experiences, including pathways into apprenticeships, certifications, or postsecondary programs.
- Intentionally recruit, encourage, and support participation of students from underrepresented groups in STEM/CTE courses and leadership opportunities (e.g., robotics teams, coding clubs, cybersecurity competitions).
- Build a classroom culture where students feel safe to take risks, collaborate, and engage across differences, and where diverse perspectives are valued and leveraged.
- Cooperate with building principal, department chairperson, and staff in implementing a comprehensive instructional program aligned with the district’s strategic priorities around equity and excellence.
- Partner with families, community members, and advisory committees in ways that are inclusive, culturally responsive, and reflective of the Auburn community.
- Maintain knowledge of equipment, software, and lab environments, including safe and responsible use of tools, devices, and network systems.
- Follow safe work practices and ensure proper use of equipment and digital resources at all times, including cybersecurity and digital citizenship practices.
- Other duties as assigned

**Minimum Requirements:**

- Proven ability to work in an environment with a demonstrated commitment to anti-racism, racial literacy, and anti-bias practices.
- Currently hold, or be eligible for, a Career and Technical Education (CTE) certificate in engineering, robotics, computer science, cybersecurity, or a related field: 8711 - Computer Technology (v470110), 8710 - Electrical & Electronic Equip repair (v470101), 8708 - Electrician (v460302), 8317 - Computer Apps and Related (v521206), 8760 - STEM technology (v141000), 8500 CTE Business & Marketing Education (V078000), and 8700 CTE Technology Education (V210100)
- Industry experience in engineering, computer science, information technology, cybersecurity, or related technical fields is preferred.
- Ability to maintain strong, productive relationships with staff, students, families, and community/industry partners.

- Ability to work under pressure and adapt in a dynamic, hands-on learning environment.
- Knowledge of programming concepts (e.g., Python, Java, or similar), networking basics, and cybersecurity principles (e.g., digital safety, ethical use, data protection).
- Understanding of industry trends in engineering, computer science, and cybersecurity pathways.
- Ability to design and deliver instruction in engineering, robotics, computer science, and/or cybersecurity.
- Ability to support students in developing technical skills such as coding, systems thinking, troubleshooting, and engineering design.
- Ability to manage behavior and maintain an appropriate balance of structure and student independence in a lab-based classroom.
- Ability to plan and differentiate instruction to meet varied student needs, interests, and skill levels.
- Ability to use a variety of instructional materials, technologies, and hands-on learning tools.
- Ability to establish rapport with students, colleagues, and classified personnel.
- Willingness to engage in supervision, evaluation, and continuous professional growth.
- Commitment to collaboration and contributing positively to the school community.

**Knowledge, Skills, and Abilities Desired:**

- Strong skills and background in instructional methods and strategies across technical and applied learning environments.
- Ability to teach related areas such as construction technology, applied math, principles of technology, programming, or networking is preferred.
- Interest in supporting student activities and career-connected learning opportunities.

**Required Knowledge, Skills, and Abilities Related to Cultural Competence and Equity:**

- Demonstrated commitment to equity and the ability to create inclusive, welcoming environments where all students, staff, and families feel a sense of belonging.
- Ability to build and sustain relationships across lines of difference, including race, culture, language, identity, and lived experience.
- Skill in recognizing, reflecting on, and interrupting bias in decision-making, interactions, and systems.
- Ability to examine and address inequities in access, opportunity, and outcomes, particularly for students and communities historically underserved.
- Experience or willingness to engage in ongoing racial literacy development, including the ability to name, reflect on, and respond to issues of race and inequity in a professional setting.
- Ability to incorporate diverse perspectives, experiences, and contributions into daily practice.
- Willingness to engage in continuous learning, self-reflection, and growth related to equity, inclusion, and culturally responsive practices.
- Ability to contribute to a workplace culture that values diversity, promotes belonging, and supports accountability for equitable outcomes.

**Working Conditions:**

**Physical Requirements:**

Work is primarily in a classroom/lab setting with frequent standing, walking, and active supervision of students during hands-on, project-based learning. May require occasional bending, lifting, or carrying up to 25 pounds, including tools, equipment, and instructional materials. The role includes moving between workstations and supporting students with equipment setup, troubleshooting, and demonstrations.

**Work Environment:**

Work is performed indoors in a classroom and technical lab environment using computers, software, and specialized equipment (e.g., robotics tools, electronics, networking devices). Noise levels may vary from moderate to loud during active lab work. The teacher is responsible for maintaining a safe environment, including proper use of tools, equipment, and digital systems. Regular collaboration with staff, students, families, and industry partners is expected. May include exposure to cleaning materials, minor lab-related hazards, and typical school health and safety conditions.