

BARSTOW COMMUNITY COLLEGE DISTRICT

THE POSITION: INDUSTRIAL MAINTENANCE / TECHNOLOGY INSTRUCTOR

ASSIGNMENT:

Full time, 176 days, tenure track, as a community college Industrial Maintenance / Technology Instructor. The teaching assignment will include regular assignment to Industrial Maintenance and Industrial Technology courses equal to 15 lecture hours of student contact time. The assignment also includes mandatory office hours and service on participatory governance committees and councils. Teaching assignments may include a mixture of day, evening, weekend, and off-campus sites.

Duties and Responsibilities:

- Teach Industrial Maintenance and Industrial Technology courses, including development, curriculum, observation, practicum and special topics courses.
- Demonstrate versatility in instructional methodology and technology and the ability to serve diverse student populations
- Plan, develop, and implement course curricula including curricula to be delivered via distance learning.
- Update course materials and course outlines of record
- Develop, maintain, and assess student learning outcomes
- Maintain a current syllabus and provide current course orientation materials for each assigned course.
- Keep current and accurate records of student enrollment, attendance, and scholastic progress.
- Post and maintain scheduled office hours.
- Attend and actively contribute to meetings or activities pertinent to faculty responsibilities or assignments including but not limited to department meetings, advisory committee meetings, and academic senate.
- Participate in recruiting and articulation activities with local schools, other community colleges, and four-year colleges.
- Use media aids, the library, and other resources as appropriate.
- Maintain currency in subject matter and developments in the field.
- Communicate with students and staff in a professional manner.
- Be familiar with and observe BCCD BCFA Collective Bargaining Agreement, applicable BCCD Board Policies and Procedures.

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MINIMUM QUALIFICATIONS:

Bachelor's Degree **AND** two years of professional experience **OR** Associates Degree **AND** six years of professional experience. An applicant may qualify for this position by having education and experience equivalent to the listed degrees. To be considered for equivalency, the candidate must submit college transcripts and a complete description of work experience.

DESIRABLE QUALIFICATIONS:

- Bachelor's Degree in a field related to Industrial Maintenance or Industrial Technology.
- Demonstrated excellence in teaching Industrial Maintenance and/or Industrial Technology and other related areas.
- Demonstrated excellence in teaching online classes.
- Experience in developing new courses and laboratory applications.
- Experience with or interest in teaching using distance learning instructional technologies like moodle.
- Commitment to maintain currency in the discipline, including use of advanced technology required in the discipline.
- Ability and willingness to work effectively with community support groups, college committees, and other campus organizations and to be involved in co-curricular and extra-curricular activities.
- Sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, and ethnic backgrounds of community college students.
- An understanding of the advantages and challenges for developing a quality Industrial Maintenance and Mechanical program in a rural community college.
- Ability to communicate effectively and work cooperatively with others in a team environment.
- Enthusiasm for working with students having a wide range of skills, motivation, and academic or occupational goals.
- Ability to deliver instruction using strategies designed for diverse learning styles.
- Demonstrated ability to design goals and assess learning outcomes.

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- Demonstrated experience of installation, inspection, maintenance, and primary repair of mechanical equipment involved with operation and maintenance of equipment in a variety of manufacturing and industrial settings.
- Demonstrated experience in plumbing, electrical, and general maintenance of machinery.
- Knowledge and ability to dismantle, repair, and reassemble machinery such as motors, pumps, valves, bearings, conveyer lines and palletizer, conduct preventative maintenance audits and perform repair, set-up for all manufacturing equipment, office, heating and cooling, and electrical systems.
- Knowledge of oxygen and acetylene welding and cutting, ARC, and MIG welding.
- Ability to read and interpret schematics, blueprints and other mechanical documentation.
- Knowledge of occupational hazards and experience with OSHA safety training, ability to observe and enforce safety precautions.
- Able to climb ladders, use forklift, skid steer, scissor lift, and other equipment, able to work in tight spaces, and ability to follow safe lifting procedures.

WORKING CONDITIONS:

Environment:

Classroom/Laboratory.

Physical abilities:

Dexterity of hands and fingers to operate computer terminal; speaking and hearing to exchange information; sitting, climbing, lifting.

CONDITIONS OF EMPLOYMENT:

A full-time, 10 month, certificated position. Prior to employment, the successful candidate will be required to provide proof of legal residence entitling them to work in the United States, consistent with the Immigration and Reform Act of 1986. Employment is also dependent upon a satisfactory fingerprint check and tuberculosis examination.

Board Approval: _____