

POSITION Electromechanical Technician Instructor
APPLY BY June 5, 2022
HIRE DATE July 1, 2022
TEACHING START DATE August 22, 2022

DIVISION Industry, Trades & Agriculture
REPORTS TO Executive Dean of Industry, Trades & Agriculture
CLASSIFICATION Exempt
POSTING DATE May 06, 2022

SUMMARY

Southwest Tech is seeking a qualified, full-time Instructor to teach electromechanical and industrial maintenance courses. This position will deliver education and training to students through effective instruction and promote student success by demonstrating and maintaining instructional excellence and currency in the field throughout their employment at the college. This is a full-time, 190-day academic contracted position (July 1 – June 30) that may include evening, night, and weekends to meet business and industry needs.

ESSENTIAL DUTIES AND RESPONSIBILITIES INCLUDE

- Teaches and educates students in accordance with needs, abilities, and identified potential, which includes: developing lesson plans and curriculum; developing learning plan materials; monitoring student progress to ensure academic success; assigning student grades; and teaching assigned courses that may include the following:
 - Advanced Calibration Techniques & Analytics
 - Introduction to Frequency & Servo Drives
 - DC & AC Fundamentals
 - Construction Electrical Wiring I
 - Construction Electrical Wiring II
 - Intro to Mechatronics
 - Intro to Motor Controls
 - Intro to Programmable Controls
 - Intro to Preventive Maintenance
 - Process Control Systems
 - Fiber Optic Cabling Technician
 - Fundamentals of Embedded System
 - Robotics
 - Advanced Programmable Controls
- Prepares for assigned classes and collaborates with faculty team members in developing course syllabi; organizing and maintaining classroom(s) to facilitate learning; preparing required course elements in the College learning management system, Schoology; using the Worldwide Instructional Development System software to review & update course curriculum to maintain required accreditation standards; and performing related tasks.
- Designs and maintains curriculum in the Worldwide Instructional Design System (WIDS) and in the Learning Management System at both the program and course levels. Prepares for assigned classes, including: develops course syllabi in WIDS; organizes and maintains classroom(s) to facilitate learning; maintains and updates existing course curriculum to meet required accreditation standards.
- Performs institutional requirements, including: participating in events and meetings as required; orienting new instructors; and planning events to assist in advertising the College.
- Performs compliance activities such as: creating and entering TSA data, participating in Program Review/ Instructional Vitality Days/Team Action Plans, supporting activities to maintain HLC Compliance, and attending WTCS meetings.
- Works collaboratively with internal and external partners to recruit students. Markets the program and participates in planning for expansion of the student pool.

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- Encourages student inclusion and engagement by incorporating student involvement in course and program planning.
- Pursue and maintain appropriate certifications, qualifications, and licensure to maintain a high level of technical competency. Professional development and teaching coaching are available.
- Perform other related duties as assigned.

EDUCATION, TRAINING, AND EXPERIENCE Required

- Two-year associate degree in Electromechanical Technology or related field PLUS minimum 5.5 years of related work experience.
- Skilled in the knowledge and use of the current National Electric Code.
- Thorough knowledge of electricity, including motors and controls, transformers, PLCs, 3 phase power systems and reliability maintenance.
- Verifiable appropriate occupational experience in manufacturing plant industrial electromechanical maintenance.
- Must possess a valid driver's license.

EDUCATION, TRAINING, AND EXPERIENCE Preferred

- Bachelor's degree in related field or equivalent of seven years as an apprentice or journeyman (electrician or maintenance/millwright in Wisconsin) PLUS 2 years of related work experience or appropriate occupational experience in manufacturing plant electromechanical maintenance preferred.
- Experience in industrial instrumentation and controls.
- Established credibility as an expert in the field preferred.
- Certified to teach OSHA Arc Flash and NFPA70E preferred.
- OSHA 10-30 certification preferred.
- Teaching/presentation experience preferred.
- Computer knowledge of Microsoft Office, email, and internet.

KNOWLEDGE

- Currency in electromechanical and industrial maintenance
- Experience facilitating instruction using an online learning management system (LMS) preferred
- Knowledge and application of modern computer software and hardware (MS Word and PowerPoint), email, and internet experience
- Applicable laws, rules, and regulations
- Teaching methods and principles
- Budget principles

SKILLS

- Dedication to facilitating student mastery of course and program learning outcomes
- Ability to work effectively in a team-based, quality environment
- Ability to communicate well, both orally and in writing
- Ability to create and sustain a respectful and inclusive learning environment
- Ability to work effectively with students, advisory committee members, and college staff
- Curriculum development and classroom management
- Technological expertise and dedication to continued growth

PHYSICAL REQUIREMENTS

Position requires: stooping, reaching, standing, walking, talking, hearing, and seeing; lifting up to 75 pounds on a regular basis.

APPLICATIONS

Internal and External applicants complete and submit the online employment application at www.swtc.edu/jobsatswtc

For questions regarding the application process please email Human Resources at humanresources@swtc.edu or **608.822.2314**

SALARY RANGES

Bachelor's: \$48,898 - \$77,750

Advanced: \$51,434 - \$81,781

Masters: \$53,969 – \$85,811

Compensation may be based on a combination of education, certification, and tested experience.

PRO-RATED BENEFITS

Our comprehensive benefit package includes the following and much more:

- Health Insurance
- Dental Insurance
- Life Insurance
- Long-Term Disability
- Health Savings Account
- Health Club Access
- Wisconsin Retirement System Contribution
- On-campus day care (hourly rate)

SELECTION PROCESS

The Review Committee will screen applicants and contact them for an interview. Meeting the minimum qualifications does not assure the candidate an interview. Final candidate's employment offer will be subject to completion of Wisconsin Caregivers Background Check and pre-employment drug screening.

PLEASE NOTE: All candidates selected for an interview will prepare a 10-minute classroom teaching demonstration. Information regarding this teaching demonstration will follow.

Southwest Tech does not discriminate on the basis of race, color, national origin, sex, disability, age, gender identity, religion or sexual orientation in its programs and activities. The Equal Opportunity/Affirmative Action Officer has been designated to handle inquiries regarding non-discrimination policies. Call 800-362-3322, Ext. 2315 (TDD: 608-822-2072) or write Southwest Tech, 1800 Bronson Blvd., Fennimore, WI 53809.