

POSITION VACANCY

October 28, 2015

Name of position: Industrial Systems Technology Instructor
Application accepted through: December 1, 2015 or until filled
Effective date of employment: January 4, 2016
Length of employment: Full-time 12 Month
Salary range: Commensurate with education level and experience

Position requirements:

- Associate Degree in Electronics and/or Industrial Systems or related field required
- Minimum of 3 years industry and/or teaching experience in a post-secondary institution preferred
- Basic computer skills required
- Excellent written and verbal communication skills required

Position skill sets:

Electronics and Industrial Wiring - Thorough knowledge of 480V 3 phase motor circuits, 120V and 240V control circuits, control transformers, momentary and maintained push buttons, selector switches, motor starters, contactors, relays, and overloads.

Programmable Logic Controllers - Thorough knowledge of PLC programming, ladder logic, inputs/outputs, digital and analog signals and a working knowledge of typical industrial computerized control systems.

Microprocessor Based Robotics - Thorough knowledge of microprocessor based robotics, sensors used on robots, and various programming languages.

Industrial Motors and Drives - Thorough knowledge of rotating machinery and associated peripheral devices. Topics include AC/DC drives, machine theory, ladder logic/block diagram, electro-mechanical and solid state relays, motor controls, pilot devices, three-phase power systems, and other related topics.

Position duties:

Instructional duties include teaching day/night courses in the industrial systems area for both curriculum and continuing education. Responsibilities include teaching basic electronics, industrial wiring, programmable logic controllers, microprocessor based robotics, and industrial motors/drives. The individual will also be responsible for timely submission of reports, participation in required special events, assisting with scheduling of courses, and program revisions. Additional responsibilities include but are not limited to maintaining the industrial systems classroom, ordering of supplies/equipment, serving as a student advisor, and recruiting for the IST program. Other various duties may include serving on committees, participating in meetings and the work of the department and division and any other duties as assigned by the college.

If selected for employment, the applicant must submit to a criminal background check and drug screening.



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www.waynecc.edu

APPLICATIONS:

*Submit an original Wayne Community College employment application and all support materials, including copies of transcripts of all post secondary studies to **Human Resources, Wayne Community College, P. O. Box 8002, Goldsboro, NC 27533-8002**. Applications may be downloaded from our website at www.waynecc.edu. Applications will be screened and the most qualified applicants interviewed. All applicants will be notified when the position selection has been made.*