Industrial Automation Faculty – Full Time

The Industrial Automation Faculty will be responsible for classroom instruction, focused in the field of Industrial Automation Systems. They will provide leadership in the development, assessment, and evaluation of curriculum in existing courses, new courses, and related programs. For the first two years of this position, there will be a heavy focus on the development of lab materials, and online instructional materials/courses. They will actively participate in student advising. They will participate in department meetings, college committees, and facilitate industry advisory committees and industry roundtables. This position will be funded with the IAM iSTAR grant. This grant funding is in place for 3 years. Continued funding of this position will be dependent on program growth.

SKILLS AND QUALIFICATIONS

Education and Experience:

- Hold a minimum of a bachelor’s degree in a related engineering or engineering technology discipline.
- Field experience working with Industrial Robotics (Fanuc, ABB, Motoman), Programmable Logic Controllers (AB500 & 5000, Siemens S7), Variable Frequency Drives, Instrumentation/Process Controls, Factory Floor Networking, and all associated technologies
- Minimum of 2 years industrial experience.
- Preferred experience in technical education/training at the two-year college level, or teaching experience in the industrial environment.

Necessary Knowledge, Skills, and Abilities:

- Working knowledge in educational theory or techniques
- Demonstrated knowledge of local industry and manufacturing processes
- Ability to lead development of new courses and programs
- Ability and skill to assess and plan courses and programs

A complete job description is attached.

Interested candidates should submit letter of interest and updated resume in Word or PDF format. All such information should be submitted to careers@northweststate.edu using “Industrial Automation Faculty (FT)” as the subject line by close of business on June 22, 2015.

For a complete listing of current Employment Opportunities, visit www.northweststate.edu and click on “Community” then “Employment Opportunities.”

Office of Human Resources
Northwest State Community College
22600 State Route 34
Archbold, OH 43502
EOE M/F/D/V
POSITION TITLE: Faculty – Industrial Automation  
DEPARTMENT: Industrial Technology/CTS  
APPOINTING AUTHORITY: VP for Innovation  
SUPERVISOR: Dean of Industrial Technology  
GRADE LEVEL: Faculty

GENERAL PURPOSE

The Industrial Automation Faculty will be responsible for classroom instruction, focused in the field of Industrial Automation Systems. They will provide leadership in the development, assessment, and evaluation of curriculum in existing courses, new courses, and related programs. For the first two years of this position, there will be a heavy focus on the development of lab materials, and online instructional materials/courses. They will actively participate in student advising. They will participate in department meetings, college committees, and facilitate industry advisory committees and industry roundtables. This position will be funded with the IAM iSTAR grant. This grant funding is in place for 3 years. Continued funding of this position will be dependent on program growth.

ESSENTIAL DUTIES AND RESPONSIBILITIES

1. Facilitate Classroom instruction:
   a. Prepares, presents, and evaluates course materials related to the instructional strategies which are based on the course learning objectives
   b. Provide adequate feedback/explanation of graded coursework and other student information in an accurate and timely manner
   c. Ensure a positive and favorable learning environment in the classroom, labs, and campus
   d. Responsible for classroom and lab equipment, maintenance, and supplies
   e. Instructs classes both on campus and at remote training sites.
2. Lead the development, assessment, and evaluation of curriculum:
   a. Assessment and evaluation of existing courses and program curriculum
   b. Develop new courses including the assessment, evaluation, course syllabi, selecting appropriate text, lab equipment, and ancillary materials
   c. Make periodic visits to related industrial sites to maintain technology awareness; organize and facilitate advisory committee and industry roundtable meetings
   d. Provide leadership to adjunct faculty, lab coordinators, and student workers
e. Move the curriculum to a competency based, hybrid method of instructional delivery, utilizing online courses and structured lab exercises in an open lab environment.

3. Participates in student advisement:
   a. Arranges and maintains suitable office hours for student advising and academic assistance
   b. Provides academic advising and counseling to students assisting with course selection and academic requirements

4. Facilitates cooperative relationships with outside agencies, including:
   a. Colleges and universities
   b. High schools, Career Centers/ dual enrollments
   c. Local industry, trade, and industrial organizations

5. Attends and participates in department, faculty meetings, and college committees and other scheduled meetings/activities at which attendance is expected

6. Completes assigned tasks in a timely manner and follows established college policies and procedures

7. Engages in professional development activities to maintain and enhance course content and instructional skills

8. Continually assess the needs of the local industry by completing field experiences each year, as specified by their supervisor. These can include company visits, industry round tables or corporate training.

9. Assist the division/admissions in their efforts to recruit students into the Industrial Technologies programs.

PERIPHERAL DUTIES

1. Other non-instructional duties as agreed upon between the instructor and dean

DESIRED MINIMUM QUALIFICATIONS

*Education and Experience:*

- Hold a minimum of a bachelor’s degree in a related engineering or engineering technology discipline.
- Field experience working with Industrial Robotics (Fanuc, ABB, Motoman), Programmable Logic Controllers (AB500 & 5000, Siemens S7), Variable Frequency Drives, Instrumentation/Process Controls, Factory Floor Networking, and all associated technologies
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*Necessary Knowledge, Skills, and Abilities:*

- Working knowledge in educational theory or techniques
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SUPERVISION RECEIVED

Position reports directly to the Dean of Industrial Technology
SUPERVISION EXERCISED

Aid in the support of adjunct faculty and student workers

RESPONSIBILITY FOR PUBLIC CONTACT

Position will interact with and may conduct presentations for business and industry personnel, NSCC and other college personnel, equipment vendors, students and their parents, high school employees, and the general public.

LICENSE AND REGULATION

None

TOOLS AND EQUIPMENT USED

This position must demonstrate computer and digital literacy, including the use of Microsoft operating systems and applications. This position must operate general office equipment as needed. The College or personal vehicle may be needed for travel to off-campus sites. This position must be able to operate instructional equipment at the College as well as remote instructional sites.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to sit, talk, and hear. The employee is occasionally required to walk; use hands and fingers to feel, handle or operate objects, tools, or controls; and reach with hands and arms.

The employee must occasionally lift and/or move up to 30 pounds. Specific vision abilities required by this job include close vision and the ability to adjust focus.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

The work is performed primarily in an office setting. The noise level in the work environment is low to moderate.
The duties listed above are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.