Division of Mechanical Engineering

Academic Lab Supervisor

***This job is located at IUPUC in Columbus, Indiana***

IUPUC—Indiana University-Purdue University Columbus—continues to deliver high-quality undergraduate and graduate degree programs aligned with and responsive to regional educational needs since 1970. IUPUC is located in Columbus, Indiana, and enrolls between 1,500 and 1,800 students annually. IUPUC offers academic programs to students who reside in Bartholomew, Brown, Decatur, Jackson, Jefferson, Jennings, Johnson, Ripley, Shelby, and other counties in southern Indiana.

We seek greater diversity in our faculty and staff to broaden students’ academic experience and to enrich our campus community. Candidates must be sensitive to the needs of and possess an interest in working in an academic community that is diverse with regard to gender, race, ethnicity, religion, nationality, sexual orientation or identity, disability status, and protected veteran status.

The Academic Lab Supervisor takes the management responsibility for overseeing all IUPUC Mechanical Engineering laboratory infrastructure assets which includes equipment, laboratory computers, research computers, remote server service, engineering software, tools, teaching lab procedures, safety procedures, and perishable material/tooling inventory.

**REQUIREMENTS**

Bachelor's Degree in Mechanical, Manufacturing Engineering Technology, or related field, plus 2 years experience or Associate's Degree in Mechanical, Manufacturing Engineering Technology, or related field plus 5 years experience. 2 years industry experience in a Lathe and Mill equipment preferred. A combination of education and experience may be considered.

Must possess a valid U.S. driver's license and be able to drive during daylight and evening hours to event locations. Must be able to be insured by Indiana University.

The successful candidate should possess knowledge of electrical circuits including multimeters, oscilloscope, and signal generator, breadboarding, soldering, RLC circuits, bridge circuits, Op-Amps, transistors, diodes, etc.; familiarity with mechanical test and measurement equipment such as pressure transducers, strain gages, accelerometers, thermocouples, thermistors, etc.; some theoretical knowledge of mechanics, fluid mechanics, heat transfer, and thermodynamics; computer knowledge in engineering drawing, data acquisition, and engineering software such as MatLAB/Simulink, CREO, LabView; shop knowledge including hand tools, lathe and mill, supporting tooling and fixturing, perishable tooling, and measurement devices such as calipers, dial indicators, micrometers etc.; safety, environmental and protective equipment policies; recommend policies and procedures; communicate with IUPUC, IUPUI, Ivy-Tech, and Purdue Polytechnic associates; research and recommend purchase of equipment; and supervise and instruct undergraduate students.

**INSTRUCTIONS ON HOW TO APPLY**

Qualified applicants interested in the position must apply online at https://jobs.iu.edu/ Search for Job ID 291492. A resume and cover letter must be submitted with your online application. Indicate in your cover letter why you are interested in becoming a member of IUPUC’s team. The deadline for applications is Monday, March 9, 2020.

**BENEFITS/PERKS**

University-sponsored benefit plans are a significant part of Indiana University’s total compensation package. You may want to go to http://hr.iu.edu/benefits/ to learn more about the resources, services, and other generous benefits available to Indiana University employees.

Columbus is located one-hour south of Indianapolis, 1¼ hours from Louisville, and 1½ hours from Cincinnati. Columbus is a unique Midwestern community with a population of 46,000 known for its world-class architecture. The American Institute of Architects ranked Columbus sixth in the nation for architectural innovation and design – right behind Chicago, New York, Boston, San Francisco, and Washington, D.C. There are wonderful programs for young children, many parks, excellent philharmonic orchestra, and people trails. The community is also well known for its culture and its predilection for innovation. For further information, please visit: http://www.iupuc.edu/ and http://columbus.in.us