

Industrial Systems Technology: Electrical

Short-Term Certificate

Available: Shoals Campus

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This short-term certificate is for students who want to gain knowledge of Industrial motors and motor controls. The courses are a study of motors found in industry and how to control those motors by using motor starters and PLC programming. Courses include hands-on work, wiring motors, examining parts of motors, troubleshooting motors, motor starters, motor circuits, and Programmable Logic Controllers. Courses will also include programming in relay ladder logic for PLC's.

Program: Industrial Maintenance Technology

Entrance Requirements

- Submit a completed application;
- High School diploma or equivalent required:
- Age Requirement:
- Submit official high school/high school equivalent transcripts, if applicable;
- Submit official college transcripts, if applicable;
- Satisfy Placement Testing requirements.

Required Courses

Item #	Title	Credits
INT 184	Introduction to Programmable Logic Controllers	3
INT 206	Industrial Motors I	3
INT 211	Industrial Motors II	3
INT 213	Industrial Motor Control II	3
Minimum Credit Hours for Graduation:		12