

# 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

## Required Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
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
<b>Minimum Credit Hours for Graduation:</b>		<b>12</b>