Industrial Technician Course Schedule
Fall 2018

Industrial Motors & Motor Controls
This course is intended for the participant with some working knowledge and/or experience in industrial electricity. Designed to help prepare participants for employment in the field of industrial electrical maintenance. Some Areas covered include: Safety, Understanding electrical drawings, Motor transformer and distribution systems, Motor control devices, Motor principles, DC motors, Three phase AC motors, Single phase AC motors, Motor maintenance and troubleshooting, Motor starters, Relays and logic, Motor control devices and AC and DC drives. (Prerequisite: Basic Industrial Electricity)

Course Details:
- Day/Time: Wednesdays, 1:00 – 4:00 PM
- Date: Sept 5 – Nov 7, 2018
- Room: SKOU 134
- Tuition: $695 + textbook

Basic Industrial Electricity
The course is designed for participants with little or no previous background in the study of electricity. It is the first course in a series of courses that build one upon the other that are intended to prepare the participants for employment in a field requiring a knowledge of industrial electricity and controls. The prerequisite for this course is Technical Mathematics or equivalent.

Course Details:
- Day/Time: Wednesdays, 5:00 – 8:00 PM
- Date: Sept 5 – Nov 7, 2018
- Room: SKOU 134
- Tuition: $695 + textbook

Advanced Hydraulics
A more in-depth look at hydraulic components and systems. Items to be covered will include complex systems of cartridge valves, proportional and servo controls, electrical feedback, closed and open loop control, and hydrostatic drives. Emphasis in the class and lab will be on understanding, troubleshooting and maintenance of these systems. (Prerequisite: Basic Hydraulics)

Course Details:
- Day/Time: Wednesdays, 6:00 – 9:00 PM
- Date: Sept 5 – Nov 7, 2018
- Room: SKOU 231 (Lec) & SKOU 140 (Lab)
- Tuition: $695 + textbook

To register please visit: go.osu.edu/ITC