Industrial Technician Course Schedule
Spring 2019 (January - March)

Blueprint Reading
Provides basic skills for blueprint applications. Class sessions will focus on the following:
Language of industry (universal language, common elements, care of blueprints, technique of reading blueprints); Drafting and Blueprint Reading Procedures (alphabet of lines, basic principles of projections, measurement tools).

Course Details:
- Day/Time: Wednesdays, 5:00 – 8:00 PM
- Date: January 9 – March 13, 2019
- Room: Halterman Hall Room 280
- Tuition: $695 + textbook

Basic Hydraulics
Provides a basic understanding of the operation and maintenance of hydraulic components and systems. Topics to be covered in the classroom and in the lab setting: Principles of Hydraulics; Definitions and Terminology; Hydraulic Symbols and Schematics; Types of Circuits; Pumps (designs and applications); Motors (designs and applications); Cylinders (designs and application); Pressure, Direction and Flow Control Valves; Oil Filtration, Sampling and Fabrication; Fittings (use and identification).

Course Details:
- Day/Time: Thursdays, 5:00 – 8:00 PM
- Date: January 10 – March 14, 2019
- Room: Lecture 5:00 – 6:00 PM Skou Hall 231 & Lab 6:00 – 8:00 PM Skou Hall 140
- Tuition: $695 + textbook

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, this course consists of lecture, lab demonstration, and hands-on and software-based lab assignments. 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 selection, Motor installation, 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: Thursdays, 5:00 – 8:00 PM
- Date: January 17 – March 21, 2019
- Room: Skou Room 134
- Tuition: $695 + textbook

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