Industrial Technician Course Schedule
Spring/Summer 2020

Basic Industrial Electricity

Programmable Logic Controllers (PLC) I
Introducing the PLC - What it is and how it functions, number systems, introduction to PLC operations, input modules, output modules, putting together a modular PLC, introduction to Logic, programming a PLC, PLC processors, program and data organization, basic relay instructions, understanding relay instructions and the PLC input module, documenting your system, timer and counter instructions, introduction to comparison, data-handling, and sequencer instructions, including hands-on exercises.

Course Details:
➢ Day/Time: Mondays and Wednesdays 5:00 – 8:30 PM
➢ Date: April 27 – May 28, 2020
➢ Room: Skou Room 136
➢ Tuition: $695 + textbook

Programmable Logic Controllers (PLC) II
PLC input module, documenting your system, timer and counter instructions, introduction to comparison, data handling, and sequencer instructions, including hands-on exercises using the Allen Bradley Compact Logix platform. The basis for the course will be the Allen Bradley Logix hardware and Studio 5000 software systems. (Prerequisite: PLC I)

Course Details:
➢ Day/Time: Mondays and Wednesdays 5:00 – 8:30 PM
➢ Date: June 1 – July 3, 2020
➢ Room: Skou Room 136
➢ Tuition: $695 + textbook