

INT Multi-Skilled Elective Options

Mechanical

INT104-Principles of Technology
INT118-Fund of Hydraulics & Pneumatics
INT126-Preventative Maintenance
INT127-Prin of Ind Pumps & Piping Systems
INT134-Prin of Ind Maint Weld/Cutting Techniques
ILT192- Co-op in ILT
INT206-Industrial Motors I
INT212- Industrial Motor Control I
INT220- Special Topics
ILT166- Motors and Transformers I
ILT169-Hydraulics & Pneumatics
ILT216-Industrial Robotics
ILT217-Industrial Robotics Lab
ILT291- Cooperative Education

*Students can also apply 3 credit hours of welding and 3 credit hours of machining towards his or her mechanical electives.

Electrical

INT104- Principles of Technology
INT105- Intro to Process Technology
INT107-Fund of Electricity I
INT108-Fund of Electricity II
INT126- Preventative Maintenance
INT158-Industrial Wiring
INT206-Industrial Motors I
INT212-Industrial Motor Control
INT220-Special Topics
INT251-Intro to Programmable Logic Control
ILT100-Applied Electronic Computation
ILT109-Electrical Blueprint Reading I
ILT115-Advanced Industrial Controls
ILT116-Advanced Industrial Controls Lab
ILT117-Principles of Construction Wiring
ILT118-Construction Wiring NEC
ILT125-Digital Communications
ILT126-Digital Communications Lab
ILT130-PC Software Installation & Maintenance
ILT160-DC Fundamentals
ILT161-AC Fundamentals
ILT162-Solid State Fundamentals
ILT163-Digital Fundamentals
ILT164- Circuit Fabrication
ILT165-Industrial Electronic Controls I
ILT166- Motors and Transformers I
ILT167- AC/DC Machinery and Controls
ILT175-Computer Fund for Technology Student
ILT192-Co-op in ILT
ILT194-Programmable Logic Controllers I
ILT195- Troubleshooting Techniques I
ILT197- Motor Controls I
ILT198- Electronic Circuits
ILT201-Industrial Electronics
ILT202-Industrial Electronics Lab
ILT211-Troubleshooting Techniques
ILT216-Industrial Robotics
ILT217-Industrial Robotics Lab
ILT222-Advanced PLCs
ILT223-Advanced PLCs Lab
ILT231-National Electric Code
ILT234-Microprocessor Systems Troubleshooting
ITL291- Cooperative Education

** Note: Though some classes are eligible to count in either Mechanical Electives or Electrical Electives, a student cannot count one class towards both Mechanical and Electrical Electives. Each class may only be counted one time in a student's degree plan.