

Technical Electives for the Industrial Maintenance Option in Manufacturing and Industrial Technology

ACR 100 Refrigeration Fundamentals
ACR 101 Refrigeration Fundamentals Lab
ACR 250 Cooling and Dehumidification
ACR 251 Cooling and Dehumidification Lab
ACR 260 Heating and Humidification
ACR 261 Heating and Humidification Lab
BRX 210 Mechanical Blueprint Reading for Machinist
BRX 230 Mechanical Blueprint Reading
CAD 100 Introduction to Computer Aided Design
COE 199 Cooperative Education
CAD 150 Introduction to Programming: CAD
EES 225 Programmable Logic Controllers
ENGT 110 Circuits I
ENGT 111 Circuits I Lab 1
ENGT 113 Circuits I Lab 2
ENGT 114 Circuits II
ENGT 115 Circuits II Lab 1
ENGT 117 Circuits II Lab 2
EET 148 Electronic Drafting
EET 150 Transformers
EET 151 Transformers Lab
EET 152 Electrical Drafting
EET 254 Electrical Construction
EET 255 Electrical Construction Lab
EET 264 Rotating Machinery
EET 265 Rotating Machinery Lab
EET 276 Programmable Logic Controllers
EET 277 Programmable Logic Controllers Lab
ET 106 Mechanical Engineering Graphics II
ET 122 Mechanical Power Transmission Systems
ET 124 Mechanical Power Transmission Systems Lab
ET 243 Electric Power Distribution
ET 245 Electrical Machinery
ET 250 Programmable Logic Controllers
IMT 100 Welding for Maintenance
IMT 101 Welding for Maintenance Lab
IMT 115 Basic Machine Tool I
IMT 116 Basic Machine Tool I Lab
IMT 120 Industrial Maintenance Rotating Machinery
IMT 121 Industrial Maintenance Rotating Machinery Lab
IMT 130 Industrial Maintenance Electrical Concepts
IMT 131 Industrial Maintenance Electrical Concepts Lab
IMT 150 Maintaining Industrial Equipment
IMT 151 Maintaining Industrial Equipment Lab
IMT 198 Practicum
IMT 199 Cooperative Education

IMT 220 Industrial Maintenance Electrical Motor Controls I
IMT 221 Industrial Maintenance Electrical Motor Controls I Lab
IMT 230 Industrial Maintenance of PLCs
IMT 231 Industrial Maintenance of PLCs Lab
IMT 240 Industrial Maintenance Motor Control Concepts
IMT 241 Industrial Maintenance Motor Control Concepts Lab
IMT 250 Maintaining Industrial Equipment II
IMT 251 Maintaining Industrial Equipment II Lab
IMT 280 Advanced Programmable Logic Controllers
IMT 281 Advanced Programmable Logic Controllers Lab
IMT 290 Special Problems
IS 100 Introduction to Industrial Safety
ISX 100 Industrial Safety
MCX 100 Electrical Motor Controls I
MCX 101 Electrical Motor Controls I Lab
MCX 110 Electrical Motor Controls II
MCX 111 Electrical Motor Controls II Lab
MCX 150 Motor Controls
MCX 151 Motor Controls Lab
MGX 220 Rotating Machinery
MGX 221 Rotating Machinery Lab
MTT 110 Fundamentals of Machine Tools A
MTT 112 Fundamentals of Machine Tools B
MTT 114 Fundamentals of Machine Tools
MTT 120 Applied Machining I
MTT 122 Applied Machining II
MTT 124 Applied Machining
MTT 224 Advanced Industrial Machining
PHS 175 Applied Physics
PHX 150 Introductory Physics
PMX 100 Precision Measurement
WLD 123 Shielded Metal Arc Welding Groove Welds with Backing Lab
WLD 100 Oxy-Fuel Systems
WLD 101 Oxy-Fuel Systems Lab
WLD 120 Shielded Metal Arc Welding (SMAW)
WLD 121 Shielded Metal Arc Welding Fillet Lab
WLD 151 Basic Welding A
WLD 152 Basic Welding B
ITS 211 Manufacturing Processes
MST 200 Advanced Hydraulic Systems
MST 201 Advanced Hydraulic Systems Lab
MST 204 Advanced Pneumatic Systems
MST 205 Advanced Pneumatic Systems Lab