

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

FPX 100 Fluid Power
FPX 101 Fluid Power Lab
ETT 112 Basic Electrical Theory
EET 113 Basic Electrical Theory Lab
ETT 116 Fiber Optics Systems
ETT 118 Residential Network Wiring
EET 120 Project Management
ETT 199 Cooperative Education for Voice and Data Wiring Technician
EET 102 Advanced Mathematics for Electronics
EET 116 Web Page Design
EET 118 Internet Applications for Computer Servicing
EET 148 Electronic Drafting
EET 150 Transformers
EET 151 Transformers Lab
EET 152 Electrical Drafting
EET 154 Electrical Construction I
EET 155 Electrical Construction I Lab
EET 160 Mathematics for Electronics / Electricity
EET 198 Practicum
EET 199 Cooperative Education Program
EET 200 Digital Electronics
EET 201 Digital Electronics Lab
EET 202 Microprocessors
EET 203 Microprocessors Lab
EET 204 Digital Systems and Microprocessors
EET 205 Digital Systems and Microprocessors Lab
EET 208 Electronic Communications I
EET 209 Electronic Communications I Lab
EET 210 Electronic Communications II
EET 211 Electronic Communications II Lab
EET 212 Electronic Communications
EET 213 Electronic Communications Lab
EET 214 Television and Radio Systems
EET 215 Television and Radio Systems Lab
EET 216 Computer Electronics Fundamentals
EET 217 Computer Electronics Fundamentals Lab
EET 218 Computer Applications I
EET 219 Computer Applications I Lab
EET 220 Computer Repair and Servicing Technology I
EET 221 Computer Repair and Servicing Technology I Lab
EET 222 Computer Repair and Servicing Technology II
EET 223 Computer Repair and Servicing Technology II Lab

EET 224 Computer Repair and Servicing Technology
EET 225 Computer Repair and Servicing Technology Lab
EET 236 Network Essentials
EET 237 Network Essentials Lab
EET 242 Robotics
EET 243 Robotics Lab
EET 244 Advanced Electronic Application
EET 252 Electrical Construction II
EET 254 Electrical Construction
EET 255 Electrical Construction Lab
EET 256 Polyphase Power Calculations
EET 258 Manufactured Housing
EET 260 Home Automated Technology
EET 266 Rotating Machinery and Transformers
EET 267 Rotating Machinery and Transformers Lab
EET 268 Rotating Machinery Electrical Motor Controls I
EET 269 Rotating Machinery and Motor Controls I Lab
EET 272 Electrical Motor Controls II
EET 273 Electrical Motor Controls II Lab
EET 274 Electrical Motor Controls
EET 275 Electrical Motor Controls Lab
EET 276 Programmable Logic Controllers
EET 277 Programmable Logic Controllers Lab
EET 278 Electrical Motor Control II and PLCs
EET 279 Electrical Motor Control II and PLCs Lab
EET 281 Special Problems I
EET 283 Special Problems II
EET 284 Special Problems III
EET 286 Programmable Logic Controllers II
EET 287 Programmable Logic Controllers II Lab
EET 298 Practicum
EET 299 Cooperative Education Program
MGX 220 Rotating Machinery
MGX 221 Rotating Machinery Lab
BRX 110 Basic Blueprint Reading for Machinist
BRX 112 Blueprint Reading for Machinist
BRX 120 Basic Blueprint Reading
BRX 210 Mechanical Blueprint Reading for Machinist
BRX 220 Blueprint Reading for Construction
BRX 230 Mechanical Blueprint Reading
BEX 100 Basic Electricity for Non-Majors
BEX 101 Basic Electricity Lab for Non-Majors
FEX 100 Fundamentals of Electricity for Non-Majors
ET 102 Blueprint Reading
ET 106 Mechanical Engineering Graphics II
ET 107 Computer Applications for Technicians

ET 112 Digital Logic Circuits
ET 113 Laser Optics Components
ET 118 Manufacturing III, Computer Numerical Control
ET 119 Introduction to Computer-Aided Manufacturing
ET 122 Mechanical Power Transmission Systems
ET 123 Mining Electricity I
ET 124 Mechanical Power Transmission Systems Lab
ET 146 Statics
ET 155 Elements of Underground and Surface Mining
ET 201 Statics and Strength of Materials
ET 210 Thermodynamic Applications
ET 232 Computer Software Maintenance
ET 234 Computer Hardware Maintenance
ET 241 Electronics I
ET 243 Electric Power Distribution
ET 244 Electrical Machinery and Controls
ET 245 Electrical Machinery
ET 250 Programmable Logic Controllers
ET 251 Electronics II
ET 252 Electric Power Systems
ET 256 Microprocessor Fundamentals
ET 257 Practicum in Computer Repair
ET 260 Fluid Flow and Heat Transfer
ET 261 Instrumentation and Measurements
ET 262 Measurement and Instrumentation
ET 264 Mechanical Design
ET 265 Applied Fluid Power
ET 286 Roof Control and Ventilation
ET 290 Selected Topics in Engineering Technology: (Topic)
ET 295 Independent Problems
LCX 120 Programmable Logic Controllers
ME 105 Basic Engineering Graphics
ME 205 Introduction to Computer Graphics
ME 220 Engineering Thermodynamics I
WLD 152 Basic Welding B