

Manufacturing Industrial Technology

Suggested Academic Courses

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|-------------------------------------|----|---|
| MT150 College Algebra | or | 3 |
| MT125 Technical Algebra & Trig | or | 3 |
| PH171 Applied Physics | or | 3 |
| Coordinator Approved Science Course | | 3 |
| ENG101 Writing I | | 3 |
| Social Interaction | | 3 |
| Oral Communications | | 3 |
| Heritage/Humanities | | 3 |

Suggested Technical Courses

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|----------------------------------|---|
| ENGT110 Circuits I | 5 |
| ENGT114 Circuits II | 5 |
| CIS100 Introduction to Computers | 3 |

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| EET264 Rotating Machinery | 2 |
| EET265 Rotating Machinery Lab | 2 |
| EET270 Electric Motor Controls I | 2 |
| EET271 Electric Motor Controls I Lab | 2 |

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| EET272 Electric Motor Controls II | 2 |
| EET273 Electric Motor Controls II Lab | 2 |
| EET276 PLC | 2 |
| EET277 PLC Lab | 2 |

Engineering Computer Technology

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|--------------------------------|----|---|
| ENGT210 Devices I | 5 | |
| ENGT214 Devices II | 5 | |
| ENGT120 Digital I | 3 | |
| ENGT220 Digital II | 3 | |
| BRX120 Basic Blueprint Reading | 3 | |
| ET232 Computer Software | 3 | |
| ET234 Computer Hardware | 3 | |
| NIS160 Networking | or | 3 |
| IT120 Cisco Internetworking | 4 | |
| Technical Electives ** | 12 | |

Industrial Maintenance Technology Electrical

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|---|---|
| IMT100 Welding for Industrial Maintenance | 3 |
| IMT101 Welding for Industrial Maintenance Lab | 2 |
| FPX100 Fluid Power | 3 |
| FPX101 Fluid Power Lab | 2 |
| IMT150 Maintaining Industrial Equipment | 3 |
| IMT151 Maintaining Industrial Equipment Lab | 2 |
| BRX120 Basic Blueprint Reading | 3 |

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| **suggested Technical Electives | |
| MTT110 Fundamentals of Machine Tool A | 3 |
| MTT112 Fundamentals of Machine Tool B | 4 |

Engineering Technology Industrial

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|--------------------------------|---|
| ENGT210 Devices I | 5 |
| ENGT214 Devices II | 5 |
| ENGT120 Digital I | 3 |
| ENGT220 Digital II | 3 |
| BRX120 Basic Blueprint Reading | 3 |
| Technical Electives ** | 7 |

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| **suggested Technical Electives | |
| FPX100 Fluid Power | 3 |
| FPX101 Fluid Power Lab | 2 |
| EET150 Transformers | 2 |
| EET151 Transformers Lab | 1 |

Electrical Technology Industrial

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|-----------------------------------|---|
| EET154 Construction Wiring I | 2 |
| EET155 Construction Wiring I Lab | 2 |
| EET252 Construction Wiring II | 2 |
| EET253 Construction Wiring II Lab | 2 |
| EET250 National Electric Code | 4 |
| Technical Electives ** | 9 |

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| **suggested Technical Electives | |
| ENGT210 Devices I | 5 |
| ENGT214 Devices II | 5 |
| EET150 Transformers | 2 |
| EET151 Transformers Lab | 1 |
| FPX100 Fluid Power | 3 |
| FPX101 Fluid Power Lab | 2 |

Industrial Maintenance Technology Mechanical

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|---|---|
| EET270 Electric Motor Controls I | 2 |
| EET271 Electric Motor Controls I Lab | 2 |
| IMT100 Welding for Industrial Maintenance | 3 |
| IMT101 Welding for Industrial Maintenance Lab | 2 |
| FPX100 Fluid Power | 3 |
| FPX101 Fluid Power Lab | 2 |
| IMT150 Maintaining Industrial Equipment | 3 |
| IMT151 Maintaining Industrial Equipment Lab | 2 |
| BRX120 Basic Blueprint Reading | 3 |
| MTT110 Fundamentals of Machine Tool A | 3 |
| MTT112 Fundamentals of Machine Tool B | 4 |
| Technical Electives ** | 3 |

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| **suggested Technical Electives | |
| EET276 PLC | 2 |
| EET277 PLC Lab | 2 |