INDUSTRIAL MAINTENANCE TECHNICIAN - CERTIFICATE

Core Curriculum Requirements

INMT 133  Process Technology and Systems  4
INMT 134  Maintenance Principles  4
INMT 165  Equipment Processes  4
MAT 110  Machine Operation and Safety  3
MAT 145  Electromechanical Systems for Non-Majors  4
OETS 100  Industrial/Construction Safety  2
OETS 118  Mathematics for Technicians  3

Program Option

Electrical or Mechanical Option  30-32

Total Credits  54-56

Electrical Option

INMT 223  Electrical Repairs  4
INMT 205  Programmable Logic Controllers and Applications  4
MAT 130  Applied Industrial Electricity I  4
MAT 135  Applied Industrial Electricity II  4
MAT 234  Industrial Electricity Maintenance  3
OEET 110  Basic Electricity and Electronics  4
OEET 120  Basic Motor Controls  5
OEET 205  National Electric Code  3
OEET 295  Special Topics  1

Total Credits  32

Mechanical Option

INMT 235  Mechanical Drives I  4
INMT 236  Lubrication Process  3
INMT 237  Hydraulics I  2
INMT 261  Pump Operations I  4
INMT 262  Piping Systems  2
INMT 263  Mechanical Drives II  4
INMT 264  Rigging  2
INMT 265  Hydraulics II  2
INMT 267  Pump Operations II  2
MAT 265  Special Topics  2
WELD 105  Introduction to Welding  3

Total Credits  30

Electrical Option

Additional classes may be needed based on placement test results and/or course prerequisites. Visit with an advisor for help with creating a customized plan.

Course | Title | Credits
---|---|---
INMT 133 | Process Technology and Systems | 4
OETS 100 | Industrial/Construction Safety | 2
OETS 118 | Mathematics for Technicians | 3
MAT 110 | Machine Operation and Safety | 3

Credits  12

Spring

INMT 134 | Maintenance Principles | 4
INMT 165 | Equipment Processes | 4
MAT 145 | Electromechanical Systems for Non-Majors | 4

Credits  12

Second Year

Fall

INMT 223 | Electrical Repairs | 4
MAT 130 | Applied Industrial Electricity I | 4
MAT 234 | Industrial Electricity Maintenance | 3
OEET 110 | Basic Electricity and Electronics | 4

Credits  15

Spring

INMT 205 | Programmable Logic Controllers and Applications | 4
MAT 135 | Applied Industrial Electricity II | 4
OEET 120 | Basic Motor Controls | 5
OEET 205 | National Electric Code | 3
OEET 295 | Special Topics | 1

Credits  17

Total Credits  56

Mechanical Option

Additional classes may be needed based on placement test results and/or course prerequisites. Visit with an advisor for help with creating a customized plan.

Course | Title | Credits
---|---|---
INMT 133 | Process Technology and Systems | 4
OETS 100 | Industrial/Construction Safety | 2
OETS 118 | Mathematics for Technicians | 3
MAT 110 | Machine Operation and Safety | 3

Credits  12

Spring

INMT 134 | Maintenance Principles | 4
INMT 165 | Equipment Processes | 4
MAT 145 | Electromechanical Systems for Non-Majors | 4

Credits  12

Second Year

Fall

INMT 235 | Mechanical Drives I | 4
### Industrial Maintenance Technician - Certificate

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>INMT 236</td>
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<td>INMT 261</td>
<td>Pump Operations I</td>
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<td>INMT 262</td>
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### Spring

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<td>MAT 265</td>
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<tr>
<td>WELD 105</td>
<td>Introduction to Welding</td>
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**Total Credits** 56