## INDUSTRIAL MAINTENANCE TECHNOLOGY CAREER PATHWAY MAP

<table>
<thead>
<tr>
<th>RECOMMENDED COURSE SEQUENCE</th>
<th>SEMESTERS OFFERED</th>
<th>CREDIT HOURS</th>
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<tbody>
<tr>
<td>1. INMT 1305 Intro to Industrial Maintenance</td>
<td>F</td>
<td>3</td>
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<tr>
<td>2. ENTC 1347 Safety and Ergonomics</td>
<td>F</td>
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<tr>
<td>3. MCHN 1343 Machine Shop Mathematics</td>
<td>F</td>
<td>3</td>
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<tr>
<td>4. HYDR 1301 Rigging and Conveying Systems</td>
<td>F</td>
<td>3</td>
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<td>5. ELPT 1311 Basic Electrical Theory</td>
<td>Sp</td>
<td>3</td>
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<tr>
<td>6. DFTG 1325 Blueprint Reading and Sketching</td>
<td>Sp</td>
<td>3</td>
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<tr>
<td>7. INMT 1355 Industrial Power Plant Systems</td>
<td>Sp</td>
<td>3</td>
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<tr>
<td>8. PFPB 2308 Piping Standards and Materials</td>
<td>Sp</td>
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<td>9. INMT 1380 Cooperative Education</td>
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<td>3</td>
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<tr>
<td>10. PFPB 2307 Pipe Fabrication and Installation I</td>
<td>F</td>
<td>3</td>
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<td>11. HYDR 1345 Hydraulics and Pneumatics</td>
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<td>12. INMT 2301 Machinery Installation</td>
<td>F</td>
<td>3</td>
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<tr>
<td>13. INMT 2303 Pumps, Compressors, and Mechanical Drives</td>
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<td>3</td>
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<td>14. INTC 1357 AC/DC Motor Control</td>
<td>Sp</td>
<td>3</td>
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<tr>
<td>15. INMT 2345 Industrial Troubleshooting</td>
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**ENTRY INDUSTRIAL MAINTENANCE TECHNICIAN CERTIFICATE EARNED (27 HOURS)**

**INDUSTRIAL MAINTENANCE TECHNICIAN CERTIFICATE EARNED (18 HOURS)**

**ASSOCIATE OF APPLIED SCIENCE DEGREE EARNED***

**NOTE:** Check with the Office of Financial Aid as aid may not be available beyond degree completion and/or 60 hours.

### CAREER OPPORTUNITIES
- Industrial Maintenance Technician
- Machine Installation and Alignment
- Pump and Compressor Repair

### ADVANCED DEGREE/CREDENTIAL OPPORTUNITIES
- The University of Texas at Tyler, Bachelor of Science (BS) In Industrial Technology

### LINKS TO COLLEGES AND PROFESSIONAL ORGANIZATIONS:
- The University of Texas at Tyler [https://www.uttyler.edu](https://www.uttyler.edu)

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**READ ALL NOTES CAREFULLY:**
- * Refer to Core Curriculum and KC Catalog for all possible course options.
- ** Required for AAS degree, not Certificate.
  - a) Courses in **bold** have a pre-requisite (previous course required).
  - b) Courses in *italics* can be taken in any order.
  - c) ENGL 1301 and the first MATH class may require a co-requisite and/or developmental course depending on TSI Scores.
  - d) Refer to KC Catalog for Certificate and AAS Degree Requirements.