



# INDUSTRIAL MAINTENANCE TECHNOLOGY CAREER PATHWAY MAP

| ✓                        | RECOMMENDED COURSE SEQUENCE  | SEMESTERS OFFERED | CREDIT HOURS |
|--------------------------|--|-------------------|--------------|
| <input type="checkbox"/> | 1. INMT 1305 Intro to Industrial Maintenance   | F                 | 3            |
| <input type="checkbox"/> | 2. ENTC 1347 Safety and Ergonomics   | F                 | 3            |
| <input type="checkbox"/> | 3. MCHN 1343 Machine Shop Mathematics  | F                 | 3            |
| <input type="checkbox"/> | 4. HYDR 1301 Rigging and Conveying Systems   | F                 | 3            |
| <input type="checkbox"/> | 5. ENGL 1301 Composition I **  | F, Sp, Su         | 3            |
|                          |  |                   | 15 hours     |
| <input type="checkbox"/> | 6. ELPT 1311 Basic Electrical Theory   | Sp                | 3            |
| <input type="checkbox"/> | 7. DFTG 1325 Blueprint Reading and Sketching   | Sp                | 3            |
| <input type="checkbox"/> | 8. INMT 1355 Industrial Power Plant Systems  | Sp                | 3            |
| <input type="checkbox"/> | 9. PFPB 2308 Piping Standards and Materials  | Sp                | 3            |
| <input type="checkbox"/> | 10. MATH 1332 Contemporary Mathematics* **   | F, Sp, Su         | 3            |
|                          |  |                   | 30 hours     |
| <input type="checkbox"/> | 11. INMT 1380 Cooperative Education  | Su                | 3            |
|                          | *** ENTRY INDUSTRIAL MAINTENANCE TECHNICIAN CERTIFICATE EARNED (27 HOURS) ***                                      |                   | 33 hours     |
| <input type="checkbox"/> | 12. PFPB 2307 Pipe Fabrication and Installation I  | F                 | 3            |
| <input type="checkbox"/> | 13. HYDR 1345 Hydraulics and Pneumatics  | F                 | 3            |
| <input type="checkbox"/> | 14. INMT 2301 Machinery Installation   | F                 | 3            |
| <input type="checkbox"/> | 15. INMT 2303 Pumps, Compressors, and Mechanical Drives  | F                 | 3            |
| <input type="checkbox"/> | 16. PHIL 1301 Introduction to Philosophy*  | F, Sp, Su         | 3            |
|                          |  |                   | 48 hours     |
| <input type="checkbox"/> | 17. INTC 1357 AC/DC Motor Control  | Sp                | 3            |
| <input type="checkbox"/> | 18. INMT 2345 Industrial Troubleshooting   | Sp                | 3            |
| <input type="checkbox"/> | 19. SOCI 1301 Introduction to Psychology*  | F, Sp, Su         | 3            |
| <input type="checkbox"/> | 20. SPCH 1315 Public Speaking*   | F, Sp, Su         | 3            |
|                          | *** INDUSTRIAL MAINTENANCE TECHNICIAN CERTIFICATE EARNED (18 HOURS) ***  |                   | 60 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. |                   |              |

## 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.

## 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>

## CONTACT INFORMATION

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