## **Industrial Maintenance Technology**

|   | egree: 4703037019   |                       | Diploma: Industrial Maintenance Technician 4703034049 |  |   |                       |   |
|---|---|-----------------------|---|--|---|-----------------------|---|
| General Education Requirements: Required for AAS Degree |   |                       |   | General Education Requirements: Required for Diploma |   |                       |   |
| MT 150<br>MT 125<br>MA 109                              | College Algebra and Functions OR<br>Technical Algebra and Trigonometry OR<br>College Algebra  | 3<br>3<br>3           |   | MT 150<br>MT 125<br>MT 115                           | College Algebra and Functions OR<br>Technical Algebra and Trigonometry OR<br>Technical Mathematics  | 3<br>3<br>3           |   |
|   | Science   | 3                     |   |  | Choose any one (1) on the following   |                       |   |
| ENG 101   | Writing I   | 3                     |   | -  | Science OR Writing I OR Social Interaction OR Oral Communications OR Heritage/Humanities Subtotal:  | 3                     |   |
|   | Social Interaction  | 3                     |   |  |   |                       |   |
|   | Oral Communications   | 3                     |   |  |   |                       |   |
|   | Heritage/Humanities   | 3                     |   |  |   | 6                     |   |
|   | Subtotal:   | 18                    |   | CODE   | Requirements: Required for AAS Degree   |                       |   |
| CORE  | Requirements: Required for AAS Degree   |                       |   |  | -   | 2                     | _ |
| IMT 110<br>IMT 111<br>ELT 110                           | Industrial Maint. Elec Principles AND Industrial Maint. Elec Principles OR Circuits I** AND   | 3<br>2<br>5           |   | IMT 110<br>IMT 111<br>ELT 110<br>ELT 114             | Industrial Maint. Elec Principles AND Industrial Maint. Elec Principles OR Circuits I** AND Circuits II **  | 3<br>2<br>5<br>5      |   |
| ELT 114   | Circuits II **  | 5                     |   | IMT 150  | Maintaining Industrial Equipment I  | 3                     |   |
| IMT 150<br>IMT 151                                      | Maintaining Industrial Equipment I Maintaining Industrial Equipment I Lab   | 3 2                   |   | IMT 151  | Maintaining Industrial Equipment I Lab  | 2                     |   |
| BRX 120<br>BRX 110<br>BRX 112                           | Basic Blueprint Reading OR Basic Blueprint Reading for Mach OR Blueprint Reading for Machinist OR                                       | 3<br>2<br>4           |   | BRX 120<br>BRX 110<br>BRX 112<br>ET 102              | Basic Blueprint Reading OR Basic Blueprint Reading for Mach OR Blueprint Reading for Machinist OR Blueprint Reading                                     | 3<br>2<br>4<br>2      |   |
| FPX 100<br>FPX 101<br>ET 265                            | Blueprint Reading Fluid Power AND Fluid Power Lab OR Applied Fluid Power  | 2<br>3<br>2<br>3      |   | ET 265   | Fluid Power AND<br>Fluid Power Lab OR<br>Applied Fluid Power  | 3<br>2<br>3           |   |
| EET 270<br>EET 271<br>ET 244<br>EET 264                 | Electrical Motor Controls I AND Electrical Mot Controls I Lab OR Electrical Machinery and Ctrls OR Rotating Machinery AND               | 2<br>2<br>4<br>2      |   | EET 270 EET 271 ET 244 EET 264 EET 265               | Electrical Motor Controls I AND Electrical Mot Controls I Lab OR Electrical Machinery and Ctrls OR Rotating Machinery AND Rotating Machinery Lab        | 2<br>2<br>4<br>2<br>2 |   |
| WLD 120<br>WLD 121<br>WLD 152<br>IMT 100                | Rotating Machinery Lab  Shielded Metal Arc Welding AND Shielded Metal Arc Welding Lab OR Basic Welding B OR Welding for Maintenance AND | 2<br>3<br>2<br>5<br>3 |   | WLD 120<br>WLD 121<br>WLD 152<br>IMT 100<br>IMT 101  | Shielded Metal Arc Welding AND<br>Shielded Metal Arc Welding Lab OR<br>Basic Welding B OR<br>Welding for Maintenance AND<br>Welding for Maintenance Lab | 3<br>2<br>5<br>3<br>2 |   |
| IMT 101   | Welding for Maintenance Lab   | 2                     |   |  | Computer Literacy   | 3                     |   |
|   | Computer Literacy   | 3                     |   |  | Subtotal:   | 27-39                 |   |
|   | Subtotal:   | 27-39                 |   |  | Technical Electives   | 15                    |   |
|   | Technical Electives   | 18                    |   |  | TOTAL:  | 48-60                 |   |
|   | Subtotal:   | 18                    |   |  |   |                       |   |
|   | TOTAL:  | 63-75                 |   |  |   |                       |   |

<sup>•</sup> Technical Electives: Any EET, ET, ENGT, ELT, IMT, CIS, NIS, IT, ISM, CAD, ICT, MFG, or any other course as approved by the program coordinator.

<sup>\*\*</sup> If courses equaling 10 credits are taken, five (5) credits may be used as electives