

MULTI-SKILLED MAINTENANCE APPRENTICESHIP - CERTIFICATE

Offered at: Madisonville Community College

Program Plan Number: 1504993150

Curriculum Effective Spring Semester

| Course | Title | Credits |
|----------------------|--|-----------|
| AIT 1001 | Basic Electrical Knowledge | 2 |
| AIT 1003 | Hydraulic/Pneumatic Fundamentals | 1 |
| AIT 1101 | Electrical Power Distribution | 1 |
| AIT 1102 | Fluid Power Distribution | 2 |
| AIT 1201 | Electrical Installation | 1 |
| AIT 1202 | Piping & Pneumatic Installation | 1 |
| AIT 1203 | Mechanical Installation | 1 |
| AIT 1301 | Principles of Instrumentation | 2 |
| AIT 1302 | Integrated Process Control | 2 |
| AIT 1401 | Basic Electrical Controls | 2 |
| AIT 1402 | Basic Pneumatic Controls | 1 |
| AIT 1403 | Basic Hydraulic Controls | 1 |
| AIT 1501 | Intermediate Electrical Controls | 2 |
| AIT 1502 | Intermediate Pneumatic Controls | 1 |
| AIT 1503 | Intermediate Hydraulic Controls | 1 |
| AIT 160 | Workplace Safety | 1 |
| AIT 2101 | Predictive/Preventive Maintenance and Lubrication | 1 |
| WLD 140 | Gas Metal Arc Welding | 2 |
| WLD 141 | Gas Metal Arc Welding Fillet Lab | 3 |
| Total Credits | | 28 |