

# MULTI-SKILLED TECHNICIAN TRAINEE LEVEL II- CERTIFICATE

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Offered at: Madisonville Community College

Program Plan Number: 1504993230

## Curriculum Effective Spring Semester

| Course               | Title  | Credits   |
|----------------------|--|-----------|
| ACR 100              | Refrigeration Fundamentals                     | 3         |
| ACR 101              | Refrigeration Fundamentals Lab                 | 2         |
| 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 2710             | Introduction to Programmable Logic Controllers | 2         |
| AIT 2711             | Introduction to Robotics                       | 2         |
| WLD 140              | Gas Metal Arc Welding                          | 2         |
| WLD 141              | Gas Metal Arc Welding Fillet Lab               | 3         |
| <b>Total Credits</b> |  | <b>26</b> |