

WELDING One Year Certificate

| 1st Semester | | | Credits |
|---------------------|-----|-------------------------------|----------------|
| WELD | 129 | Basic Welding I | 4 |
| WELD | 130 | Basic Welding II | 4 |
| WELD | 131 | Basic MIG Welding | 4 |
| WELD | 132 | Basic TIG Welding | 4 |
| WELD | 128 | Blueprint Reading for Welders | 3 |
| Total | | | 19 |

| 2nd Semester | | | |
|---------------------|-----|--------------------------------------|----|
| WELD | 133 | Plate Welding I | 4 |
| WELD | 134 | Plate Welding II | 3 |
| WELD | 135 | Introduction to Metal Fabrication I | 3 |
| WELD | 136 | Introduction to Metal Fabrication II | 3 |
| MATH | 113 | Applied Math for Vocational Students | 3 |
| Total | | | 16 |

Total Credits 35

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| 3rd Semester | | | Credits |
|---------------------|-----|-----------------------------------|----------------|
| WELD | 204 | Pipe Welding 1-G/2/G Position | 3 |
| WELD | 205 | Pipe Welding 5-G/6-G Position | 4 |
| WELD | 206 | Intermediate Metal Fabrication I | 3 |
| WELD | 207 | Intermediate Metal Fabrication II | 4 |
| WELD | 211 | Welding Related Metallurgy | 3 |
| ENGL | 118 | Technical Composition | 3 |
| Total | | | 20 |

| 4th Semester | | | |
|---------------------|-----|----------------------------------|----|
| WELD | 208 | Advanced 2-G/5/G Pipe Welding | 3 |
| WELD | 209 | Advanced 6-G Pipe Welding | 3 |
| WELD | 217 | Pipe Fab and Layout I | 4 |
| WELD | 218 | Pipe Fab and Layout II | 4 |
| WELD | 229 | Template Theory and Construction | 3 |
| DRFT | 111 | Drafting for Industry | 3 |
| Total | | | 20 |

Total credits 75