

Associate in Applied Science in Welding Technology

PROFESSIONAL TECHNICAL
2012-2013 Degree Requirements

Major Courses

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|--------|-------|---|---------|----------------|-----------------------|
| WT | 101 | Oxy-Acetylene Process | 1 | | |
| WT | 1011 | Oxy-Acetylene Process Lab | 3 | | |
| WT | 1021* | Introduction to Shield Metal Arc Welding | 10 | | |
| WT | 103* | Fund of Major Processes and their Consumables | 5 | | |
| WT | 1031* | Advanced Shield Metal Arc Welding | 10 | | |
| WT | 1041* | Shield Metal Arc Welding Certification or | 10 | | |
| WT | 1051* | Gas Metal Arc Welding (MIG) Certificate | 10 | | |
| WT | 108 | Fabrication Technique I | 1 | | |
| WT | 1081 | Fabrication Technique I Lab | 3 | | |
| WT | 201* | Weldability of Metals | 5 | | |
| WT | 2011* | Introduction to Pipe Welding | 10 | | |
| WT | 202* | Welding Inspection | 5 | | |
| WT | 2021* | Gas Tungsten Arc Welding (TIG) | 10 | | |
| WT | 2031* | Pipe Welding Certification | 10 | | |
| WT | 208 | Fabrication Technique II | 1 | | |
| WT | 2081 | Fabrication Technique II Lab | 3 | | |

Subtotal 87

Major Support

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|--------|-----|---|---------|----------------|-----------------------|
| BPR | 106 | Blueprint Reading I (WT) | 3 | | |
| BPR | 206 | Blueprint Reading II (WT) | 3 | | |
| DRW | 106 | Mechanical Drawing for Vocational Application | 3 | | |
| FYI | 103 | First Year Introduction for Trades | 1 | | |

Subtotal 10

General Education

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|---|------|--|---------|----------------|-----------------------|
| MATH | 100+ | MATH 100 or above (100, 102, 109 preferred) | 8-10 | | |
| English (select 5 credits) | | | | | |
| ENGL& | 101 | English Composition I or | 5 | | |
| ENGL | 103 | Writing in the Workplace | 5 | | |
| Human Relations (select 3-5 credits) | | | | | |
| PSYC | 103 | Applied Psychology or | 3 | | |
| PSYC& | 100 | General Psychology or | 5 | | |
| PSYC | 201 | Social Psychology or | 5 | | |
| BUS | 271 | Human Relations Business | 5 | | |
| Communication Studies (select 3-5 credits) | | | | | |
| CMST | 101 | Speech Essentials or | 3 | | |
| CMST | 110 | Communication Behavior or | 3 | | |
| CMST& | 210 | Interpersonal Communication or | 5 | | |
| CMST& | 220 | Public Speaking or | 5 | | |
| CMST | 260 | Multicultural Communication | 5 | | |

Subtotal 19-25

Total Credits Required 116-122

*These are variable credit classes, but the maximum number of credits is required for a degree or certificate.