

18 Months Credits Required for Graduation: 72
 Associate of Applied Science (A.A.S.) Degree)

2010 – 2011 Revised: 6/10

First Year – Fall Semester

| Course Number | Course Title | Clock Hours | Credits |
|-------------------------|---|-------------|---------|
| WLD 105 | Oxyacetylene Safety | 28 | 1 |
| WLD 110 | Proper Use of the Cutting Torch | 14 | .5 |
| WLD 111 | Shop Orientation Maintenance and Safety | 28 | 1 |
| WLD 112 | Oxy-Fuel Welding Cutting | 56 | 2 |
| WLD 113 | Shielded Metal Arc Welding | 42 | 1.5 |
| WLD 122 | Gas Metal Arc Welding I | 126 | 4.5 |
| WLD 125 | Position Welding | 168 | 6 |
| AED 100 | Automated External Defibrillator | 14 | .5 |
| CSC 100 | Computer Concepts | 21 | 1 |
| Total | | 497 | 18 |

First Year – Spring Semester

| Course Number | Course Title | Clock Hours | Credits |
|--------------------------|--------------------------|-------------|---------|
| WLD 114 | Ferrous Metallurgy | 14 | .5 |
| WLD 123 | Blueprint Reading | 28 | 1 |
| WLD 135 | Gas Metal Arc Welding II | 98 | 3.5 |
| WLD 140 | Flux-Cored Arc Welding | 140 | 5 |
| WLD 151 | Shop Math | 70 | 2.5 |
| WLD 161 | Gas Tungsten Arc Welding | 126 | 4 |
| WLD 165 | Air Carbon Arc Gouging | 7 | .25 |
| AC 100 | Applied Communications | 7 | .25 |
| PSYC 111 | Applied Psychology | 28 | 1 |
| Total | | 518 | 18 |

Second Year – Fall Semester

| Course Number | Course Title | Clock Hours | Credits |
|--|--|-------------|---------|
| BUS 101 | Introduction to Business | 48 | 3 |
| BUS 120 | Principles of Marketing | 48 | 3 |
| ECON 201 | Principles of Microeconomics I | 48 | 3 |
| ACCT 210 or BUS 162 | Principles of Accounting I or Retailing | 48 | 3 |
| CIS 102 | Windows Applications for Technicians | 48 | 3 |
| Electives | Business or Welding | 84 | 3 |
| Total | | 324 | 18 |

Second Year – Spring Semester

| Course Number | Course Title | Clock Hours | Credits |
|--------------------------------------|---------------------------|-------------|---------|
| BUS 160 | Principles of Selling | 48 | 3 |
| BUS 170 | Human Resource Management | 48 | 3 |
| WLD 200 | Pipe Welding I | 84 | 3 |
| • Selected Behavioral Science Course | | 48 | 3 |
| • Selected Communications Course | | 48 | 3 |
| • Selected Mathematics Course | | 48 | 3 |
| Total | | 324 | 18 |

- Students will select a course in each of the areas listed to meet general education requirements. Courses marked with an asterisk can be transferred directly to the university system under the terms of articulation agreements and may be substituted for recommended courses on the outline. Students should speak with an advisor before doing so.

Behavioral Science

- [PSYC 100](#) – Psychology of Human Relations
- [PSYC 101](#) – General Psychology *

Communications

- [COMM 101](#) – Contemporary Communication
- [ENGL 101](#) – Composition *
- [SPCM 101](#) – Fundamentals of Speech *

Mathematics

- [MATH 100](#) – Applied General Math
- [MATH 101](#) – Intermediate Algebra
- [MATH 102](#) – College Algebra *