



**Associate of Applied Science
WELDING**

This program prepares you for the more technical aspects of the welder's trade, with emphasis on jobs available in the government sector, particularly at sites such as the Los Alamos National Laboratory.

| | COMPLETED | Planned Timeline (By Semester) |
|---|------------------|---|
| GENERAL EDUCATION (21 crs) | | |
| Communications (9 hrs) | | |
| ENG 111 English Composition I (3) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i> | _____ | _____ |
| ENG 116 Technical Writing (3) <i>Pre-requisite: ENG 111</i> | _____ | _____ |
| SPCH 130 Public Speaking (3) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i> | _____ | _____ |
| Math/Computers/Lab Sciences (7 crs) | | |
| BCIS 102 Computer Literacy (3) | _____ | _____ |
| ENGR 110 Intro to Engineering Technology (4) <i>Pre-requisite: MATH 102 or adequate score on the Course Placement Evaluation</i> | _____ | _____ |
| or | | |
| MATH 130 Intermediate Algebra (4) <i>Pre-requisite: MATH 102</i> | _____ | _____ |
| Social/Behavioral Sciences (3 crs) | | |
| Choose from the following discipline areas: Anthropology, Economics, Geography, Political Science Psychology, or Sociology | | |
| Elective (3) _____ <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i> | _____ | _____ |
| Humanities and Fine Art (3 crs) | | |
| Choose from the following discipline areas: Art (theory only), History, Humanities, Literature, Music (theory only) Philosophy, or Theatre (theory only) | | |
| Elective (3) _____ <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i> | _____ | _____ |
| HEALTH, PHYSICAL EDUCATION & RECREATION (1 CR.) | | |
| Elective (1) _____ | _____ | _____ |
| PROGRAM REQUIREMENTS (42-43 crs) | | |
| BA 220 Introduction to Business (3) <i>Pre-requisite: ENG 109</i> | _____ | _____ |
| DRFT 100 Computer Aided Drafting I (4) | _____ | _____ |
| DRFT 199 Job Skills (1) | _____ | _____ |
| WELD 110 Introduction to Welding (3) | _____ | _____ |
| WELD 111L Fundamentals of Oxyacetylene Welding (3) | _____ | _____ |
| WELD 112L Fundamentals of Arc Welding (3) | _____ | _____ |
| WELD 120L Oxyacetylene Welding (3) | _____ | _____ |
| WELD 121L Arc Welding (3) | _____ | _____ |
| WELD 122L Inert Gas Welding (3) | _____ | _____ |
| WELD 210 Welding Blueprint Reading (3) | _____ | _____ |
| Or | | |
| CONS 155 Construction Math and Blueprint Reading (3) | _____ | _____ |
| WELD 211L Practical Arc Lab (3) | _____ | _____ |
| WELD 212L Practical Oxyacetylene Lab (3) | _____ | _____ |
| WELD 213L Practical Inert Gas Lab (3) | _____ | _____ |
| Approved Technical Elective (4-5) such as ABR, ATEC, DRFT, ELEC, WELD, etc. _____ _____ | _____ | _____ |
| TOTAL CREDITS | 64-65 | |

Educational Planning Form (Semester)

| Fall Semester | Spring Semester | Summer |
|----------------------|------------------------|--------------------|
| | | |
| Total Units | Total Units | Total Units |
| Fall Semester | Spring Semester | Summer |
| | | |
| Total Units | Total Units | Total Units |
| Fall Semester | Spring Semester | Summer |
| | | |
| Total Units | Total Units | Total Units |