



Associate of Applied Science WELDING TECHNOLOGY

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.

GENERAL EDUCATION (21 CRS)

Communications (9)

- ENG 111 English Composition I (3)
- ENG 116 Technical Writing (3)
- SPCH 130 Public Speaking (3)

Math/Computers/Lab Sciences (7)

- BCIS 102 Computer Literacy (3)
- ENGR 110 Intro to Engineering Technology (4)
- or
- MATH 130 Intermediate Algebra (4)

Social/Behavioral Sciences (3)

- Elective (3)

Humanities and Fine Art (3)

- Elective (3)

Health, Physical Education, and Recreation (1 cr)

- Electives (1)

PROGRAM REQUIREMENTS (42–43 CRS)

- BA 220 Introduction to Business (3)
- 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