



## Welding Technology—AAS

### ASSOCIATE OF APPLIED SCIENCE

#### WELDING TECHNOLOGY

Total Program = 60 Credit Hours

The fourth digit in the course number indicates the number of credit hours.

#### UNIVERSITY REQUIREMENT—1 OR 3 HOURS

##### University—1 HOUR or 3 HOURS

- UNIV 1001 Principles of Academic Success I
- UNIV 1003 Principles of Academic Success III

*The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.*

##### Department

- University
- University

#### GENERAL EDUCATION CORE—15 HOURS

##### English—6 HOURS

- ENG 1003 Freshman English I
- ENG 1013 Freshman English II OR
- ENG 2033 Technical Writing & Communication

##### Department

- English
- English
- English

##### Math/Computer—6 HOURS

- MATH 1013 Technical Mathematics (or higher)
- CIS 1503 Microcomputer Applications I

##### Department

- Mathematics
- Comp Info Sys

##### Psychology/Sociology/History—3 HOURS

*Choose one below.*

- PSY 2013 Introduction to Psychology or
- SOC 2213 Principles of Sociology or
- HIST 2763 The United States to 1876 or
- HIST 2773 The United States since 1876

##### Department

- Psychology
- Sociology
- History
- History

#### WELDING TECHNOLOGY CORE—42 HOURS

##### Requirements—42 HOURS

- WELD 1003 Shielded Metal Arc Welding
- WELD 1103 Gas Metal Arc Welding
- WELD 1203 Gas Tungsten Arc Welding
- WELD 1303 Metal Fabrication
- WELD 1013 Visual Inspection (new course)
- WELD 2013 Advanced Visual Inspection (new course)
- WELD 2023 Fluxcore (new course)
- WELD 2003 Advanced Shielded Metal Arc Welding
- WELD 2203 Advanced Gas Tungsten Arc Welding
- WELD 2113 Pipe Welding
- WELD 2303 Advanced Metal Fabrication
- WELD 2103 Advanced Gas Metal Arc Welding
- WELD 2123 Technical Blueprint Reading
- CMT 2113 Industrial Environment

##### Department

- Welding Technology
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- Welding Technology
- Welding Technology
- Computerized Mach

#### TECHNICAL RELATED ELECTIVES—3 HOURS



## Welding Technology—TC

### TECHNICAL CERTIFICATE WELDING TECHNOLOGY

**Total Program = 33 Credit Hours**

The fourth digit in the course number indicates the number of credit hours.

**Requirements—6 HOURS**

- COM 1003 Career Communications or
- ENG 1003 Freshman English I
- MATH 1013 Technical Mathematics (or higher)

**Department**

Career Communications

Mathematics

**Welding Technology Core—21 HOURS**

- WELD 1003 Shielded Metal Arc Welding
- WELD 1103 Gas Metal Arc Welding
- WELD 1203 Gas Tungsten Arc Welding
- WELD 1303 Metal Fabrication
- WELD 1013 Visual Inspection
- WELD 2123 Technical Blue Print Reading
- CMT 2113 Industrial Environment

**Department**

Welding Technology  
Welding Technology  
Welding Technology  
Welding Technology  
Welding Technology  
Welding Technology  
Computerized Mach

**Advanced Welding Technology Core—6 HOURS**

*Choose two from below:*

- WELD 2003 Advanced Shielded Metal Arc Welding
- WELD 2103 Advanced Gas Metal Arc Welding
- WELD 2113 Pipe Welding
- WELD 2203 Advanced Gas Tungsten Welding

**Department**

Welding Technology  
Welding Technology  
Welding Technology  
Welding Technology

## Welding Technology—CP

### CERTIFICATE OF PROFICIENCY WELDING TECHNOLOGY

**Total Program = 12 Credit Hours**

The fourth digit in the course number indicates the number of credit hours.

**Requirements—12 HOURS**

*Choose any of the following courses:*

- WELD 1003 Shielded Metal Arc Welding
- WELD 1103 Gas Metal Arc Welding
- WELD 1203 Gas Tungsten Arc Welding
- WELD 2123 Technical Blueprint Reading

**Department**

Welding Technology  
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