

## INDUSTRIAL TECHNOLOGY

Your Pathway

# WELDING TECHNOLOGY

Associate in Science Degree

This degree will give you the foundational knowledge and skills needed to become a technically trained and / or certified welder. You will have the opportunity to receive your certification by the American Welding Society as part of this instructional program.

### *Suggested Sequence of Classes*

#### **FALL SEMESTER – FIRST YEAR 16 units**

ENGL 1A College Composition 4 units  
WELD 70 Beginning Welding 3 units  
WELD 170 Introduction to Arc 3 units  
WELD 174 Structural Steel MIG Welding 3 units  
WELD 175 TIG Welding 3 units

#### **SPRING SEMESTER – FIRST YEAR 16 units**

MATH 73 Contemporary Math for Technical Fields 3 units  
AGNR 1 Introduction to Natural Resources 3 units  
WELD 73 Structural Steel Metal Fabrication 3 units  
WELD 171 Intermediate Arc Welding 3 units  
WELD 178 Pipe Welding Fundamentals 3 units  
INDE 1 Career Planning for Industrial Technology 1 unit

#### **FALL SEMESTER – SECOND YEAR 14.5 units**

CMST 10 Interpersonal Communication 3 units  
INDE 101 Industrial Trade Basics 3 units  
WELD 118 Blueprint & Specification Reading 2 units  
WELD 186 Advanced Pipe Welding 2 units  
WELD 188 Advanced MIG Welding 1.5 units  
WELD 182 Advanced Arc Welding 1.5 units  
WELD 184 Advanced TIG Welding 1.5 units

#### **SPRING SEMESTER – SECOND YEAR 14 units**

GEOG 8 World Regional Geography 3 units  
HIST 2 World Civilization 3 units  
CIS 1 Computer Literacy Workshop 3 units  
WELD 183 Advanced Arc Welding Specialty Lab 1.5 units  
DIES 48 Hydraulics 3.5 units

#### **POTENTIAL CAREERS**

Welder  
Structural Welder  
Rig Welder

#### **SALARY POTENTIAL**

\$45,702 per year  
*(source: ziprecruiter.com)*



*Please meet with a counselor to customize your own educational plan, explore course options, and consider department and counseling faculty recommendations.*



**Shasta College**

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Shasta College is an equal opportunity educator and employer.



**Counseling**

(530) 242-7724