

## ASSOCIATE OF SCIENCE, WELDING

program is designed to provide the student with the knowledge and basic skills common to the welding trade.

### Associate of Science

- ◇ WELD 50 Oxyacetylene Welding and Cutting
- ◇ WELD 51 Shielded Metal ARC Welding
- ◇ WELD 52 Position Welding (ARC Welding)
- ◇ WELD 53 Soldering, Brazing, and Braze Welding
- ◇ WELD 54 Gas Metal-ARC Welding
- ◇ WELD 55 Gas Tungsten-ARC Welding
- ◇ WELD/DRAFT 56 Blueprint Reading (Metal Trades)

Minimum Units Required in Major: 21

\*General Education Requirements: 27

\*Electives : 12

Total Units required for A.S. : 60

*\*Please see the inside panel for general education requirements & suggested elective courses.*

*This information is based on the  
2016- 2017 College Catalog.*

This program has been funded in part by the Trade Adjustment Community College & Career Training (TAACCCT) Grant implemented by the U.S. Department of Labor. Barstow Community College received \$1,155,132 as a sub-recipient of a regional grant. This project is an equal opportunity employer/program with auxiliary aids and services that are available upon request to individuals with disabilities.

## Career & Technical Education (CTE)

### Workforce and Economic Development Department



STATE OF THE ART LEARNING FACILITY

*Live, Learn & Earn Locally*



**BARSTOW COMMUNITY  
COLLEGE**

ESTABLISHED 1960

Fully Accredited by the Western  
Association of Schools and Colleges

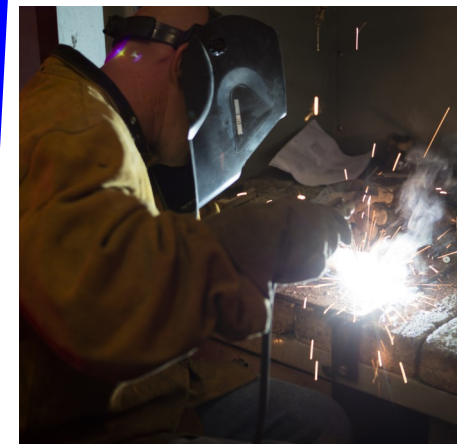
## Barstow Community College

Career & Technical Education

### Associates Degree

## WELDING

\*Certificate Program also available



### Main Campus

2700 Barstow Rd  
Barstow, CA 92311

### CTE

1501 State St  
Barstow, CA 92311

[voced@barstow.edu](mailto:voced@barstow.edu)

(760) 252-2411 ext. 6799

## About BCC Career & Technical Education

Barstow Community College offers Associate Degrees and/or Certificates for the following Vocational programs:

- Accounting
- Administration of Justice
- Automotive / Diesel Technology
- Business
- Business Information Systems
- Computer Information Systems
- Child Development
- Cosmetology
- Electrical Technology
- Industrial Maintenance & Technology
- Logistics/Warehousing
- Management
- Photography
- Welding

### Student Success Steps:

STEP 1: Apply to Barstow Community College

STEP 2: Apply for FAFSA or DREAM Act

STEP 3: Orientation

STEP 4: Assessment

STEP 5: Meet with an Advisor

STEP 6: Enroll in Classes

## General Education Requirements

<b>Natural Sciences - Complete one course</b> ASTR 1, 1L, BIOL 1, 2, 4, 5, 8, 10, 10L, 11; <b>CHEM 1</b> , GEOG 1L-5, OCEA 1, PHSC 1, 2	<b>3 Units</b>
<b>Social and Behavior Sciences - Complete one course</b> ADJU1, 8, ANTH 1, 4, ARCH 1, 5, 10, <b>BADM 1</b> , 2, 5; ECON 1, 2, 5, ETHN 1, 4; GEOG 2, HIST1A, 1B, 2A,2B, 3-5, 7, 8A, 8B, 12, 50, POLI 1, 2, 3, <b>PSYC 1-6</b> , 11, 12, 14, 15, 33, <b>SOCI 1-3</b> , 8, 12, 14, 15	<b>3 Units</b>
<b>PE activity courses or ATHL courses</b> 1 - 3 Units from the following: <b>1 unit from any PE activity course</b> or ATHL course. AHLT 51, 63, 64 or valid/current American Heart and Safety Institute CPR and ARC or AHS First AID card. <b>HEAL 2</b> , PELC 1, 2, 3	<b>2-4 Units</b>
<b>American Institutions - Complete one course</b> <b>POLI 1</b> , HIST 2A, 2B, 4	<b>3 Units</b>
<b>Communication - Complete one course</b> <b>SPCH 1</b> , 3	<b>3 Units</b>
<b>English</b> ENGL 1A	<b>3 Units</b>
<b>Mathematics</b> MATH 55, 1-3, 4ABC, 5	<b>3 Units</b>
<b>Orientation</b> <b>ORIE 1</b> or PSYC 5(May be waived with official transcript transferring 15+ semester units.	<b>3 Units</b>

## Recommended General Education & Elective Courses

WELD 57 - WELDING FABRICATION & PROJECTS	3 Units
BCTT 54-SAFETY ORIENTATION	1 Units
CSIS 1 - COMPUTER CONCEPTS	4 Units
<b>Recommended General Education Requirements are in bold</b>	

### Projected Course Offerings

<u>Fall Even years</u>		<u>Fall Odd years</u>	
WELD 50	WELD 51	WELD 50	WELD 51
WELD 52	WELD 53	WELD 52	WELD 53
WELD 54	WELD 55	WELD 54	WELD 55
WELD 56	WELD 57	WELD 56	WELD 57
<u>Spring Even years</u>		<u>Spring Odd years</u>	
WELD 50	WELD 51	WELD 50	WELD 51
WELD 52	WELD 53	WELD 52	WELD 53
WELD 54	WELD 55	WELD 54	WELD 55
WELD 56	WELD 57	WELD 56	WELD 57

### Please contact us for more information

**Main Campus**  
2700 Barstow Rd  
Barstow, CA 92311

**CTE**  
1501 State St  
Barstow, CA 92311

**Phone**  
(760) 252-2411 ext. 6799

Gainful Employment Information:

<http://www.barstow.edu/Programs-Study.html>