

# **Barstow Community College 2021-2022 CATALOG Addendum**

This addendum to the 2021-2022 Barstow Community College Catalog reflects updates and offers new educational opportunities for students. These updates/revisions were approved after the 2021-2022 Catalog was finalized. Although every effort has been made to ensure accuracy of information, all students should consult with a counselor for further information.

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# 2021-2022 ACADEMIC CALENDAR

Dates listed below, which are directly related to instruction, refer to the traditional academic year. Some courses may be offered over time periods for which these dates are not applicable.

## Fall Semester 2021

<b>Monday, August 16</b>	Classes Begin
<b>Monday, September 6</b>	Observance of Labor Day
<b>Thursday - Thursday, October 7 - 14</b>	1 <sup>st</sup> Nine-Week Final Exams (Online Classes)
<b>Thursday, November 11</b>	Observance of Veterans Day
<b>Thursday &amp; Friday, November 25 - 26</b>	Thanksgiving Holiday (Campus Closed)
<b>Thursday - Thursday, December 9 - 16</b>	2 <sup>nd</sup> Nine-Week Final Exams (Online Classes)
<b>Saturday - Friday, December 11 - 17</b>	Final Exams
<b>Friday, December 17</b>	Last Day Fall Semester
<b>December 24 - January 1</b>	Winter Recess (Campus Closed)

## Spring Semester 2022

<b>Monday, January 10</b>	Classes Begin
<b>Monday, January 17</b>	Observance of Martin Luther King Jr Day
<b>Friday &amp; Monday, February 18 &amp; 21</b>	Observance of President's Day Weekend
<b>Thursday - Thursday, March 3 - 10</b>	1 <sup>st</sup> Nine-Week Term Final Exams (Online Classes)
<b>Monday - Sunday, March 14 - 20</b>	Spring Break
<b>Friday, March 18</b>	Spring Break Holiday (Campus Closed)
<b>Thursday - Thursday, May 12 - 19</b>	2 <sup>nd</sup> Nine-Week Term Final Exams (Online Classes)
<b>Saturday - Friday, May 14 - 20</b>	Final Exams
<b>Friday, May 20</b>	Commencement
<b>Monday, May 30</b>	Observance of Memorial Day

## Summer 2022

<b>8 Week Session</b>	June 6 - July 28
<b>Monday, July 4</b>	Observance of Independence Day
<b>Wednesday - Wednesday, July 20 - 27</b>	Final Exams (Online Classes)

## COUNSELING & STUDENT SUCCESS SERVICES

### The Mindful Space

[www.barstow.edu/Student-Services/mindful-space.html](http://www.barstow.edu/Student-Services/mindful-space.html)

760-252-6875

Barstow Community College provides mental health and wellness services through The Mindful Space. All services are free to currently enrolled students. Typical areas of assistance to students may include individual psychotherapy, life coaching, group therapy, mental health assessment, crisis intervention, consultations, referrals, mental wellness education, and disciplinary intervention. Mental health counseling services are available Monday - Friday either by appointment, on a walk-in basis, email or phone. Services are voluntary and referrals can be made by students, staff, or faculty.

## Associate of Science Degree, Welding Technology

This degree prepares students for entry-level positions in industry and service occupations requiring skills in Welding Technology.

Upon completion of the graduation requirements and the required degree courses with at least a "C" grade or better on each course, the student will be awarded an Associate of Science, Welding Technology.

### Program Learning Outcomes

Upon successful completion, the student will be able to:

- Apply the skills necessary for the Welding for the American Welding Society (AWS) guidelines.
- Demonstrate knowledge about the required materials of the trade and can operate equipment in a safe manner.
- Demonstrate skills necessary to receive industry recognized certification in the Shielded Metal Arc Welding (SMAW), Semi-Automatic Arc Welding (GMAW/FCAW), and Gas Tungsten Arc Welding (GTAW) processes. In addition, students will possess Blueprint Reading and Fabrication skills.

Subject	Course Title	Units
<i>Required Core Courses</i>		
WELD 50A	Introduction to Welding	3.0
WELD 51	Shielded Metal Arc Welding and Cutting	3.0
WELD 52	Position Welding (Arc Welding)	3.0
WELD 56	Blueprint Reading (Metal Trades)	3.0
<b>Subtotal</b>		<b>12.0</b>
<i>Choose one course from the following</i>		
WELD 54A	Gas Metal Arc Welding (GMAW)	3.0
WELD 54B	Flux Cored Arc Welding (FCAW)	3.0
<b>Subtotal</b>		<b>3.0</b>
<i>Choose one course from the following</i>		
WELD 55A	Gas Tungsten Arc-Ferrous	3.0
WELD 55B	Gas Tungsten Arc-NonFerrous	3.0
<b>Subtotal</b>		<b>3.0</b>
<i>Choose one course from the following</i>		
WELD 57A	Welding Fabrication using Ferrous Metals	3.0
WELD 57B	Welding Fabrication using Non-Ferrous Metals	3.0
<b>Subtotal</b>		<b>3.0</b>
	<b>Major Units Required</b>	<b>21.0</b>
	<b>General Education Coursework</b>	<b>20.0-39.0</b>
	<b>Electives Required</b>	<b>0-16.0</b>
	<b>Total Units Required</b>	<b>60</b>

## Certificate of Achievement, Welding Technology

This certificate prepares students for entry-level positions in industry and service occupations requiring skills in Welding Technology.

**Program Learning Outcomes**

*Upon successful completion, the student will be able to:*

- Apply the skills necessary for the Welding for the American Welding Society (AWS) guidelines.
- Demonstrate knowledge about the required materials of the trade and can operate equipment in a safe manner.
- Demonstrate skills necessary to receive industry recognized certification in the Shielded Metal Arc Welding (SMAW), Semi-Automatic Arc Welding (GMAW/FCAW), and Gas Tungsten Arc Welding (GTAW) processes. In addition, students will possess Blueprint Reading and Fabrication skills.

Subject	Course Title	Units
<i>Required Core Courses</i>		
WELD 50A	Introduction to Welding	3.0
WELD 51	Shielded Metal Arc Welding and Cutting	3.0
WELD 52	Position Welding (Arc Welding)	3.0
WELD 56	Blueprint Reading (Metal Trades)	3.0
<b>Subtotal</b>		<b>12.0</b>
<i>Choose one course from the following</i>		
WELD 54A	Gas Metal Arc Welding (GMAW)	3.0
WELD 54B	Flux Cored Arc Welding (FCAW)	3.0
<b>Subtotal</b>		<b>3.0</b>
<i>Choose one course from the following</i>		
WELD 55A	Gas Tungsten Arc-Ferrous	3.0
WELD 55B	Gas Tungsten Arc-NonFerrous	3.0
<b>Subtotal</b>		<b>3.0</b>
<i>Choose one course from the following</i>		
WELD 57A	Welding Fabrication using Ferrous Metals	3.0
WELD 57B	Welding Fabrication using Non-Ferrous Metals	3.0
<b>Subtotal</b>		<b>3.0</b>
<b>Total Units Required</b>		<b>21.0</b>