

ASSOCIATE OF SCIENCE, DIESEL TECHNOLOGY

COURSES IN DIESEL TECHNOLOGY PREPARE STUDENTS FOR EMPLOYMENT IN DIESEL SERVICE AND REPAIR MANAGEMENT SERVICES. UPON COMPLETION OF THE COURSES, THE STUDENT IS PREPARED TO PASS THE NATIONAL INSTITUTE FOR AUTOMOTIVE SERVICE EXCELLENCE (ASE) EXAM FOR DIESEL CERTIFICATION. SEE CERTIFICATE PROGRAMS FOR ADDITIONAL INFORMATION AND/OR REQUIREMENTS FOR THIS CERTIFICATE TYPE.

- ◇ AUTO 63 Diesel Engine Fundamentals
- ◇ AUTO 64 Diesel Fuel Injection Systems
- ◇ AUTO 65 Diesel Truck Starting, Charging, and Electrical Systems
- ◇ AUTO 67 Diesel Engine Auxiliary Systems
- ◇ AUTO 70 Diesel Brake, Steering, and Suspension System

Minimum Units Required in Major: 20

*General Education Requirements: 27

*Electives: 13

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.

Career & Technical Education (CTE)

Workforce and Economic Development Department



The Diesel Technology field is a huge market filled with many job opportunities.



**BARSTOW COMMUNITY
COLLEGE**

ESTABLISHED 1960

Fully Accredited by the Western
Association of Schools and Colleges

Barstow Community College

Associates Degree

DIESEL TECHNOLOGY

*Certificate Program also available



Main Campus

2700 Barstow Rd
Barstow, CA 92311

CTE

1501 State St
Barstow, CA 92311

voiced@barstow.edu

(760) 252-2411 ext. 6799

About BCC Career & Technical Education

Barstow Community College (BCC) is an open-access, comprehensive two-year institution serving a diverse student population in the Mojave region of San Bernardino County, California. The College's campus is located in the City of Barstow, California, situated in California's high desert, between Los Angeles, California and Las Vegas, Nevada.

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

General Education Requirements

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

Recommended General Education & Elective Courses

WELD 50 - Oxyacetylene Welding & Cutting	3 Units
WELD 54 - Gas Metal - Arc Welding	3 Units
MGMT 1 - Introduction to Management	3 Units
Recommended General Education Courses are in bold	



Projected Course Offerings

<u>Fall Even years</u>	<u>Fall Odd years</u>
AUTO 67	AUTO 64
<u>Spring Even years</u>	<u>Spring Odd years</u>
AUTO 65	AUTO 63 AUTO 64 AUTO 65 AUTO 67 AUTO 70

Please contact us for more information

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