

# Engine Repair - Certificate of Achievement

+If you have completed coursework at another college and/or are starting in a semester other than a Fall term, please follow up with the Counseling Department to determine if this sequence is appropriate for your academic and career goals.

## Program Description:

The Engine Repair certificate of achievement will prepare an individual for a career as a mid-level technician. Students will have the ability to diagnose a variety of vehicle engine malfunctions as well as preform repairs and engine rebuilds.

## Student Learning Outcome:

Students will be able to demonstrate proficiency in the core skills and knowledge in engine repair required for employment in the automotive industry.

**Important Information:** For students interested in earning an Associate's degree and/or transfer, please follow up with the Counseling Office for additional information @ <https://www.canyons.edu/counseling> or (661)362-3288/(661)362-3811.

Major courses are sequenced and **BOLDED** based on recommendations by the [Automotive Technology Department](#)

**First Semester (2-9 units minimum) FA = Fall; WI = Winter; SP = Spring; SU = Summer**

| Course             | Title  | Units     | Major Courses |
|--------------------|--|-----------|---------------|
| AUTECH 110         | <b>Introduction to Automotive Technology (FA, SP, SU)</b>              | 4         | <b>Major</b>  |
| AUTECH 112         | <b>Engine Fundamentals for Technicians (FA, WI, SP, SU)</b>            | 3         | <b>Major</b>  |
| AUTECH 113         | <b>Engine Overhaul (FA, SP)</b>  | 2         | <b>Major</b>  |
| AUTECH 135         | <b>Engine Performance (FA, SP)</b>                                     | 4         | <b>Major</b>  |
| AUTECH 180         | <b>Engine Mechanical Maintenance and Light Repair (FA, WI, SP, SU)</b> | 3         | <b>Major</b>  |
| <b>Term Total:</b> |  | <b>16</b> |               |

**Total Units: 16**

## Counseling Resources

Automotive Technology Department: <https://www.canyons.edu/academics/automotive/index.php>

Counseling Department: <https://www.canyons.edu/student-services/counseling/>

Internship Program (CWE): <https://www.canyons.edu/student-services/internships/index.php>

Petition for Certificate of Achievement: Petitions are due in the fall/spring/summer term you will complete the requirements and may be submitted before your last term or up until the final day of the term. The petition form must be reviewed with a counselor and may be found here:

[https://www.canyons.edu/resources/documents/student-services/admissions/Petition\\_for\\_Associate\\_Degree\\_and\\_Certificate\\_of\\_Achievement.pdf](https://www.canyons.edu/resources/documents/student-services/admissions/Petition_for_Associate_Degree_and_Certificate_of_Achievement.pdf)

## Career Resources

Automotive Technology Career Tree: <https://www.canyons.edu/academics/automotive/careertree/index.php>

ASE Prometrics Test Center: <https://www.canyons.edu/academics/communityeducation/certifications/ase-testing.php>

California Career Zone: <https://www.cacareerzone.org/>

O\*Net Online: <https://www.onetonline.org/>

Bureau of Labor and Statistics: [www.bls.gov](http://www.bls.gov)