

Aeronautics

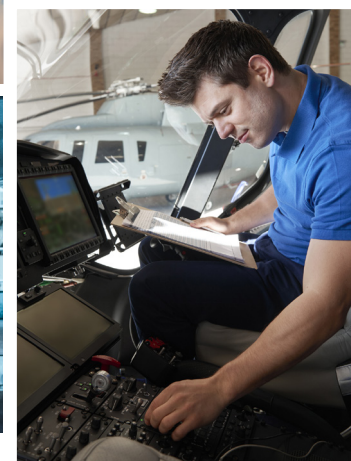
APPLIED TECHNOLOGY, TRANSPORTATION & CULINARY ARTS DIVISION

The Aviation Maintenance Technician Program will Qualify and prepare you to take the Federal Aviation Administration (FAA) Airframe and Powerplant Mechanic Certificate test.

Dean: Vanessa Thomas
Faculty Chair: Tarif Halabi



This Certificate is designed to prepare students for employment opportunities in the aviation industry and other relevant fields e.g. airlines, general aviation, space transportation, repair stations unmanned aerial vehicles, defense contractors, amusement parks, and power generation to mention a few. The written examinations are administered by the Federal Aviation Administration through computer testing centers. The total program requires 1,900 hours of lecture and laboratory.



Students desiring specific ratings or licenses should consult with Faculty and /or the Federal Aviation Administration.

The curriculum requires four semesters to complete when full time. Courses begin every semester.

Visit https://www.bls.gov/oes/2019/may/oes_40140.htm for up to date industry salaries.

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San Bernardino Valley College maintains a culture of continuous improvement and a commitment to provide high-quality education, innovative instruction, and services to a diverse community of learners. Its mission is to prepare students for transfer to four-year universities, to enter the workforce by earning applied degrees and certificates, to foster economic growth and global competitiveness through workforce development, and to improve quality of life in the Inland Empire and beyond.

Aeronautics Requirements

Aviation Maintenance Technician

This certificate program is designed to qualify students for the Airframe and Powerplant certificate issued by the Federal Aviation Administration. The total program requires 1900 hours of lecture and laboratory.

First Year*

Aero 050/051	General Lecture
Aero 050L/051L	Laboratory
Aero 650L/651L	Laboratory
And	
Aero 054/055	Powerplant Lecture
Aero 054L/055L	Powerplant Laboratory
Aero 654L/655L	Powerplant Laboratory
Or	
Aero 052/053	Airframe Lecture
Aero 052L/053L	Airframe Laboratory
Aero 652L/653L	Airframe Laboratory

Second Year*

Aero 054/055	Powerplant Lecture
Aero 054L/055L	Powerplant Laboratory
Aero 654L/655L	Powerplant Laboratory
Or	
Aero 052/053	Airframe Lecture
Aero 052L/053L	Airframe Laboratory
Aero 652L/653L	Airframe Laboratory

*For completion of AMT program in two years students are required to take General in conjunction with Airframe or Powerplant the first year. The second year student will take Airframe if Powerplant taken the 1st year or Powerplant if Airframe was taken the first year.

Airframe Maintenance Technician

This certificate program is designed to qualify Students for the Airframe certificate issued by the Federal Aviation Administration. The total program requires 1150 hours of lecture and laboratory.

Fall Semester

Aero 050	General Lecture
Aero 050L	General Laboratory
Aero 650L	General Laboratory
And	
Aero 052	Airframe Lecture
Aero 052L	Airframe Laboratory
Aero 652L	Airframe Laboratory

Spring Semester

Aero 051	General Lecture
Aero 051L	General Laboratory
Aero 651L	General Laboratory
And	
Aero 053	Airframe Lecture
Aero 053L	Airframe Laboratory
Aero 653L	Airframe Laboratory

Powerplant Maintenance Technician

This certificate program is designed to qualify students for the Powerplant certificate issued by the Federal Aviation Administration. The total program requires 1150 hours of lecture and laboratory.

Fall Semester

Aero 050	General Lecture
Aero 050L	General Laboratory
Aero 650L	General Laboratory
And	
Aero 054	Powerplant Lecture
Aero 054L	Powerplant Laboratory
Aero 654L	Powerplant Laboratory

Spring Semester

Aero 051	General Lecture
Aero 051L	General Laboratory
Aero 651L	General Laboratory
And	
Aero 055	Powerplant Lecture
Aero 055L	Powerplant Laboratory
Aero 655L	Powerplant Laboratory

Evening Courses

Aviation Maintenance Technician

This certificate program is designed to qualify students for the Airframe and Powerplant certificate issued by the Federal Aviation Administration. Total program requires 1900 hours of Lecture and laboratory over a 3 year period to Include Airframe. Program may started in fall or spring Semester.

Fall Semester

Aero 050	General Lecture
Aero 050L	General Laboratory
Aero 650L	General Laboratory

Spring Semester

Aero 051	General Lecture
Aero 051L	General Laboratory
Aero 651L	General Laboratory

Fall Semester Second Year

Aero 055	Powerplant Lecture
Aero 055L	Powerplant Laboratory
Aero 655L	Powerplant Laboratory

Spring Semester Second Year

Aero 054	Powerplant Lecture
Aero 054L	Powerplant Laboratory
Aero 654L	Powerplant Laboratory

