



2016 – 2017

Career Technical Programs

Lane Aviation Academy
541.463.4195

lanecc.edu

Aviation Maintenance Technician

Associate of Applied Science Degree
Two-Year Certificate of Completion

Program Coordinator Marv Clemons, Aviation Maintenance Co-op Coordinator, Bldg. 19, Rm. 231D, 541.463.3158, clemonsm@lanecc.edu

Purpose To prepare technicians to repair and maintain the operating condition of aircraft, and qualify for Federal Aviation Administration (FAA) certification exams (written, oral and practical) for the airframe and powerplant airman certificate.

Learning Outcomes The student who successfully completes all Aviation Maintenance Technician requirements will:

- repair and maintain the operating condition of aircraft
- pass the FAA written, oral and practical exams for licensing.
- demonstrate and use industry safety standards.
- access library, computing, and communications services and obtain information and data from regional, national, and international networks.
- interpret the concepts of a problem-solving task and translate them into mathematics.

Accreditation Aviation Maintenance, approved under Part 147 of the Federal Aviation Regulations of the Federal Aviation Administration

Admission Information Contact Lane Aviation Academy: lanecc.edu/aviationacademy; Phone: 541.463.4195; Email: flight@lanecc.edu

Advising & Counseling Aviation Maintenance Program Advisors are:

- Kali Deno: Phone: 541.463.5292, Email: denok@lanecc.edu
- Carolyn Litty: Office: Bldg. 12, Rm. 202, Phone: 541.463.5236, Email: littyc@lanecc.edu
- Claudia Riumallo: Office: Bldg. 12, Rm. 203, Phone: 541.463.5378, Email: riumalloc@lanecc.edu

Advisor Drop-in hours are updated weekly at: lanecc.edu/advtech/counselor-and-advisor-drop-hours

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Aviation Maintenance Co-op Coordinator and as approved by the FAA Liaison and Return to Service instructor, a maximum of six Co-op credits in AV 280 may be authorized in lieu of the final Return to Service course. Co-op may be taken summer term. Contact Marv Clemons, Aviation Maintenance Co-op Coordinator, Bldg. 19, Rm. 231D, 541.463.3158, clemonsm@lanecc.edu

Job Openings Projected through 2020

Lane County openings 5 annually

Statewide openings 34 annually

Graduates may have many opportunities nationally.

Wages

Lane County average hourly \$25.88 average annual \$53,820

Oregon average hourly \$27.18; average annual \$56,537

Costs Estimate based on 2015-16 costs. All amounts are subject to change. See the online credit class schedule for the most current information.

Books	\$500
Certification, Licensure, Exams, Physicals.....	\$1,300
Instruments/Tools	\$2,100
Program Specific Fees.....	\$2,700
Resident Tuition and General Student Fees.....	\$12,234

Total Estimated Cost \$18,834

Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

1. See course descriptions for prerequisite and corequisite information.
2. All AV and MTH courses must be taken for a letter grade, not P/ NP, and must be passed with a 'C-' or better to fulfill program requirements.
3. WR and PE/Health requirement must be passed with a Pass or 'C-' or better to fulfill program requirements.
4. MTH 060 and 065 or MTH 070 may substitute for MTH 075.
5. WR 115W Introduction to College Writing: Workplace Emphasis or higher writing and MTH 075 Applied Algebra for Technicians or equivalent must be completed before the end of the Second Year.
6. Foundational Skills (except MTH) and Discipline Studies are not required for two-year FAA Airframe and Powerplant airman's certificate exams.
7. For choices in Foundational Skills and Discipline Studies, see AAS degree description.
8. Graduates may also transfer to a four-year university preparing for a professional degree.

Prerequisites Minimum placement score of 68 in Reading, completion of RD 080 or RD 087 and EL 115, or prior college. A high school diploma or equivalent is recommended for all applicants to this program. Procedures for crediting and guidelines for the determination of documented military or field experience are available through application with the FAA liaison.

First Year	Fall
AV 192 General 101	6
AV 193 General 102	6
Science/Computer Science requirement	3
	Winter
AV 194 General 103	6
AV 196 General 105	6
MTH 085 Applied Geometry for Technicians or higher mathematics	4
PE/Health requirement	3
	Spring
AV 195 General 104	6
AV 279 Airframe (Section 3 and 4)	12
Second Year	Fall
AV 281 Powerplant (Section 1 and 2)	12
AV 279 Airframe (Section 1)	6
	Winter
AV 281 Powerplant (Section 3 and 4)	12
Arts and Letters requirement	3
Human Relations requirement	3

Aviation Maintenance Technician

	Spring
AV 283 Powerplant Return to Service	6
AV 282 Airframe Return to Service.....	6
AV 279 Airframe (Section 2)	6
AV 280 Cooperative Education: Aviation Maintenance	3

Aviation Maintenance Technician

Offered by the Lane Aviation Academy, 541.463.4195

Two-Year Certificate of Completion

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Gainful Employment Disclosure

Standard Occupational Classification: 49-3011.00

Go to the Department of Labor's O*Net website for a profile of this occupation:

Aircraft Mechanics and Service Technicians

Onetonline.org/link/summary/49-3011.00

Or check on these O*Net Related Occupations:

Aircraft Structure, Surfaces, Rigging, and Systems Assemblers
onetonline.org/link/summary/51-2011.00

Office Clerks, General onetonline.org/link/summary/43-9061.00

In academic year 2014-15, 15 students completed this certificate.

The program is designed to take 8 terms, or about 24 months of study to complete.

Of students who completed this certificate in the 2014-15 academic year, 80% completed on time.

Note: The federally required method for calculating this rate assumes students will declare their completion program major immediately, enroll full-time each term, and remain enrolled at Lane continuously until they complete their program. In reality, many community college students attend part-time, explore several majors, stop out for a term or more, change majors, and brush-up on their academic skills to be better prepared for college level courses, all of which affect this narrowly defined on-time graduation rate.

The median loan debt incurred by students who completed the program in 2014-15 = \$0.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

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3. MTH 060 and 065 or MTH 070 may substitute for MTH 075.
4. MTH 075 must be completed before the end of the second year.
5. WR and PE/Health requirement must be passed with a Pass or 'C-' or better to fulfill program requirements.

First Year	Fall
AV 192 General 101	6
AV 193 General 102.....	6
WR 115W Introduction to College Writing: Workplace Emphasis.....	3
PE/Health Elective.....	3

	Winter
AV 194 General 103.....	6
AV 196 General 105.....	6
MTH 085 Applied Geometry for Technicians.....	4

	Spring
AV 195 General 104.....	6
AV 279 Airframe (Section 3 and 4)	12

Second Year	Fall
AV 281 Powerplant (Section 1 and 2)	12
AV 279 Airframe (Section 1).....	6

	Winter
AV 281 Powerplant (Section 3 and 4).....	12
Human Relations requirement	3

	Spring
AV 279 Airframe (Section 2).....	6
AV 282 Airframe Return to Service.....	6
AV 283 Powerplant Return to Service	6
MTH 075 Applied Algebra for Technicians or equivalent must be completed before the end of the second year.....	4

To request this information in an alternate format please contact the Center for Accessible Resources at (541) 463-5150 or accessibleresources@lanecc.edu.