



**Associate Degree requirements continued from previous page.**

For graduation with an **Associate in Science (A.S.) Degree with a major in Aviation Maintenance:**

1. **Minimum Unit Requirements:** Any course that appears on a curriculum guide and the General Education Pattern (Plan A) may fulfill both major and general education requirements (Approved by College Curriculum Committee Spring 2012). For this degree, complete a minimum of 60 units in courses numbered 1-599. Please note that additional elective units may be required to meet this minimum based upon courses selected to fulfill General Education for the Associate Degree.

A.S.	<b>Aviation Maintenance Major</b>	64	units
	<b>General Education/A.S. §</b>	19	units

^ The **Communication and Analytical Thinking** and the **Natural Sciences** requirements, and the **Mathematics Proficiency** are fulfilled when the 64 units of the Aviation Maintenance program have been successfully completed, thus reducing the total units of required general education by six units.

2. **Scholarship:** Maintain an **overall grade point average (GPA) of 2.0** ("C" average) based on all accredited college work applied to the degree, no matter where completed. For this **field of concentration, complete each course above with a grade of "C" or better**, or "P" if course is graded on a P/NP basis.
3. **Residence for the Degree:** Complete at least 42 units of the required 83 in residence at LBCC, or complete in residence at LBCC at least 20 units within the last 30 units of work applied to the degree.
4. **Residence for the Field of Concentration:** Complete fifty percent (50%) or more of the unit requirements for this field of concentration in residence; this means at **least 32 units** of the required 64 must be **completed at Long Beach City College**. The Aviation Maintenance Program does not award credit by examination.
5. **General Education and Proficiency Requirements:** Complete the required A.A./A.S. General Education and Proficiency requirements\*, otherwise known as "Plan A". For Plan A requirements, refer to the general catalog or view it online at <http://osca.lbcc.edu> .
6. Complete and submit the degree application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at <http://admissions.lbcc.edu/> . Refer to the Schedule of Classes (<http://schedule.lbcc.edu>) and click the "Important Dates" link to view the actual deadline for each semester.

\*The requirements for general education/proficiency and the field of concentration (major) need to be from the same catalog year. This catalog year may be any year between the year of initial enrollment to the present, provided continuous enrollment is maintained throughout. See the catalog for definition of "continuous enrollment".

**Program of study leading to:  
Certificate of Achievement**

Long Beach City College is an FAA certified Aviation Maintenance Technician School (FAA Certificate Number CR9T070R). Upon successful completion of AVMNT courses as specified under Title 14 CFR Part 147, AC-65-2C and the FAA approved curriculum, students meet all LBCC requirements to obtain the college Certificate of Achievement. Students interested in obtaining the Certificate of Achievement must first satisfy the requirements for the FAA Certification of Completion (awarded by the Aviation Maintenance Program).

**REQUIRED COURSES—Complete the 64 units of required courses as listed in the Associate Degree requirements box on the first page.**

<b><u>REQUIRED COURSES</u></b>			<b>In</b>		
			<b>Progress</b>	<b>Completed</b>	
<b>TOTAL UNITS</b>	<b>64</b>				

For graduation with a **Aviation Maintenance Certificate of Achievement:**

1. Complete each of the **REQUIRED COURSES** listed above with a **minimum grade of "C"**.
2. Complete fifty percent (50%) or more of the unit requirements for this field of concentration in residence; this means at **least 32 units** of the required 64 must be **completed at Long Beach City College**. Credit earned by exam, where applicable, may be included.
3. Complete and submit the certificate application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at <http://admissions.lbcc.edu/> . Refer to the Schedule of Classes (<http://schedule.lbcc.edu>) and click the "Important Dates" link to view the actual deadline for each semester.

For both the **Associate in Arts** and the **Certificate of Achievement**, the following courses are recommended, **BUT ARE NOT REQUIRED** to earn either.

**RECOMMENDED but not required courses:**

AVMNT 401AD	Aircraft Mechanics Test Preparation	4		
AVMNT 601	Aviation Refresher Training	0		

**Career Opportunities**

Program Graduates fulfill the Federal requirements to take the FAA certification exams. Upon successful completion of these examinations, applicants may obtain Airframe and/or Powerplant (A&P) Mechanic Certificates. Excellent career opportunities exist in the fields of general, corporate, military, and commercial aviation.

**Program Mission and Outcomes**

The mission of the Long Beach City College Aviation Maintenance Technician School is to provide academic instruction and technical training, as specified within the FAA approved training curriculum and in accordance with Title 14 CFR Part 147 of the Federal Aviation Regulations. Training and instruction will be conducted pursuant to the Aviation Mechanic certification requirements, as specified in the FAA Practical Test Standards for students seeking federal certification under Title 14 CFR Part 65 of the Federal Aviation Regulations as Airframe and Powerplant Mechanics.

Outcomes:

- Synthesize and Demonstrate TITLE 14 CFR PART 147 APPENDIX B: GENERAL CURRICULUM (identify; select; calculate; measure; inspect).
- Synthesize and Demonstrate TITLE 14 CFR PART 147 APPENDIX C I. & II. AIRFRAME CURRICULUM (inspect; check; service; troubleshoot; repair).
- Synthesize and Demonstrate TITLE 14 CFR PART 147 APPENDIX D I. & II. POWERPLANT CURRICULUM (overhaul; service; troubleshoot; repair)

**Legend**

± These courses are approved under TITLE 14 CFR PART 147 of the Federal Aviation Regulations.