

# AVIATION MAINTENANCE TECHNICIAN - GENERAL, BASIC CERTIFICATE



College(s): OH

Program Code: 0444

The Aviation Maintenance Technician - General basic certificate program provides the foundational knowledge of general aircraft for beginning students. With a hands-on approach to learning, students acquire essential mathematics, physics, tool usage, maintenance operations, and general electricity current and emerging aviation maintenance technologies. Upon completion of the basic certificate, students will be eligible to take the FAA General portion of the FAA Aviation Maintenance Technician certification exam.

## Program Requirements

Code	Title	Hours
<b>Required Program Core</b>		
AVIATN 101	Aviation General Sciences I-Math, Science and General Physics	5
AVIATN 102	Aviation General Sciences II - Tools, Surfaces, and Corrosion Control	5
AVIATN 103	Aviation General Sciences III - Maintenance Operations and Records	5
AVIATN 104	Aviation General Sciences IV - Basic Electricity	5
<b>Total Hours</b>		<b>20</b>

## Pathway

This is an **example course sequence** for students interested in earning a Basic Certificate (BC) in Aviation Maintenance Technician - General. If this

pathway is followed as outlined, you will earn a Basic Certificate. It does not represent a contract, nor does it guarantee course availability.

## Semester-by-Semester Program Plan

Semester	Course	Hours
<b>Semester 1</b>		
AVIATN 101	Aviation General Sciences I-Math, Science and General Physics	5
	<b>Hours</b>	<b>5</b>
<b>Semester 2</b>		
AVIATN 102	Aviation General Sciences II - Tools, Surfaces, and Corrosion Control	5
	<b>Hours</b>	<b>5</b>
<b>Semester 3</b>		
AVIATN 103	Aviation General Sciences III - Maintenance Operations and Records	5
	<b>Hours</b>	<b>5</b>
<b>Semester 4</b>		
AVIATN 104	Aviation General Sciences IV - Basic Electricity	5
	<b>Hours</b>	<b>5</b>
	<b>Total Hours</b>	<b>20</b>

## Careers

This program can prepare students for the jobs listed below. Click on each one to learn more, including average earnings, annual job openings, and how much education people in that field have. For additional guidance and resources on career options, current City Colleges students and alumni can contact the Career Services Office (<https://www.ccc.edu/departments/Pages/Career-Services.aspx>).

# Aircraft Mechanics and Service Technicians

## Job Description

Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems.

## Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

### Annual Wages

Entry-Level 10 <sup>th</sup> Percentile	\$48,043
Median 50 <sup>th</sup> Percentile	\$79,831
Senior-Level 90 <sup>th</sup> Percentile	\$149,073

### Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$23
Median 50 <sup>th</sup> Percentile	\$38
Senior-Level 90 <sup>th</sup> Percentile	\$72

## Annual Job Openings

267 annual openings in Cook County

## National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	12.37%
A certificate	60.33%
Some college	0.00%
An Associate degree	24.80%
A Bachelor's degree	2.50%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

2.50% continue their education beyond an associate degree