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.

For Fall 2021, this program is being offered exclusively through Early College for current high school students.

Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVIATN 101</td>
<td>Aviation General Sciences I - Math, Science and General Physics</td>
<td>5</td>
</tr>
<tr>
<td>AVIATN 102</td>
<td>Aviation General Sciences II - Tools, Surfaces, and Corrosion Control</td>
<td>5</td>
</tr>
<tr>
<td>AVIATN 103</td>
<td>Aviation General Sciences III - Maintenance Operations and Records</td>
<td>5</td>
</tr>
<tr>
<td>AVIATN 104</td>
<td>Aviation General Sciences IV - Basic Electricity</td>
<td>5</td>
</tr>
<tr>
<td>Total Hours</td>
<td></td>
<td>20</td>
</tr>
</tbody>
</table>

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.

For Fall 2021, this program is being offered exclusively through Early College for current high school students.

Course Title Hours
Junior
Fall
AVIATN 101 Aviation General Sciences I - Math, Science and General Physics 5

Spring
AVIATN 102 Aviation General Sciences II - Tools, Surfaces, and Corrosion Control 5

Senior
Fall
AVIATN 103 Aviation General Sciences III - Maintenance Operations and Records 5

Spring
AVIATN 104 Aviation General Sciences IV - Basic Electricity 5

Total Hours 20

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. Includes helicopter and aircraft engine specialists.

Salary Based on Experience Level

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

Emsi 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 10th Percentile $34,048
Median 50th Percentile $74,286
Senior-Level 90th Percentile $102,390

Hourly Wages
Entry-Level 10th Percentile $16
Median 50th Percentile $36
Senior-Level 90th Percentile $49

Annual Job Openings

281 annual openings in Cook County

National Education Attainment

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

<table>
<thead>
<tr>
<th>Degree Program</th>
<th>% of Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>A high school diploma or less</td>
<td>12.37%</td>
</tr>
<tr>
<td>A certificate</td>
<td>60.33%</td>
</tr>
<tr>
<td>Some college</td>
<td>0.00%</td>
</tr>
<tr>
<td>An Associate degree</td>
<td>24.80%</td>
</tr>
<tr>
<td>A Bachelor's degree</td>
<td>2.50%</td>
</tr>
<tr>
<td>A Master's or Professional degree</td>
<td>0.00%</td>
</tr>
<tr>
<td>A Doctoral degree or more</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

2.50% continue their education beyond an associate degree