

Sinclair Community College

Aviation Airframe Maintenance Technology

Associate of Applied Science

AVIAO.S.AAS

Required Courses:

Sem. Hours

| First Semester, First Year | | |
|----------------------------|---|---|
| AVT 1113 | Drawing for Aviation | 3 |
| AVT 1116 | Regulations for Maintenance | 3 |
| AVT 1118 | Weight and Balance | 3 |
| AVT 1131 | Basic Aviation Electricity | 3 |
| MET 1131 | Personal Computer Applications for Engineering Technology | 1 |

| Second Semester, First Year | | |
|-----------------------------|-------------------------------|---|
| ENG 1101 | English Composition I | 3 |
| AVT 1135 | Materials and Processes | 4 |
| MAT 1110 | Mathematics for Technologists | 3 |
| COM 2211 | Effective Public Speaking | 3 |

| First Semester, Second Year | | |
|-----------------------------|----------------------------|---|
| AVT 1213> | Corrosion | 3 |
| AVT 1107 | Fuel Systems | 3 |
| AVT 1106 | Airfram Safety Systems | 2 |
| AVT 1214 | Cabin Atmospheric Control | 2 |
| AVT 1133 | Instruments/Communications | 3 |

| Second Semester, Second Year | | |
|------------------------------|---------------------------------|---|
| OTM | Arts and Humanities Elective | 3 |
| AVT 2143 | Review and Recommendation | 2 |
| AVT 1136 | Sheet Metal | 4 |
| PHY 1106/1107 | Physics for Technology with Lab | 3 |
| AVT 2121 | Assembly and Rigging | 4 |

| First semester, Third Year | | |
|----------------------------|-----------------------------|---|
| AVT 1218 | Utility Systems | 6 |
| AVT 2132 | Airframe Electrical Systems | 4 |
| AVT 2236 | Non-Metallic Structures | 4 |
| AVT 2237 | Aircraft Inspections | 3 |

*Denotes course aligned for college credit, with approved CTAG

> Denotes course aligned for articulated credit based on proficiency exam or credential

Pathway Information

| Course Name | Postsecondary Institution | Credit Type | Credit Hours |
|-----------------------|----------------------------|-------------|--------------|
| AVT 1213 Corrosion | Sinclair Community College | Bilateral | 3 |