

# Recommended Academic Plan for Aviation Maintenance-Airframe

Certificate of  
Proficiency



This plan is a suggested semester-by-semester course plan. It is designed to keep you on track for a timely graduation. This plan is not a substitute for academic advising. Contact an advisor for further information regarding placement based on ACT/SAT or COMPASS exam scores, scheduling, degree requirements, and graduation requirements.

| Semester 1   |           |              |                 |           |
|--|-----------|--------------|-----------------|-----------|
| Course   | Credits   | Prerequisite | Milestone/Notes | Completed |
| AVI:101 General Mechanics, Drawings & Safety       | 2         |              |                 |           |
| AVI:102 Basic Electricity for Aviation Technicians | 2         |              |                 |           |
| AVI:104 Federal Regulations & Ground Operations    | 2         |              |                 |           |
| AVI:106 Quantitative Applications                  | 2         |              |                 |           |
| AVI:124 Aircraft Metallic Structures               | 4         | AVI:103      |                 |           |
| AVI:125 Aircraft Fluid & Pneumatic Power Systems   | 2         | AVI:101      |                 |           |
| <b>Subtotal</b>                                    | <b>14</b> |              |                 |           |

| Semester 2   |           |              |                      |           |
|--|-----------|--------------|----------------------|-----------|
| Course   | Credits   | Prerequisite | Milestone/Notes      | Completed |
| AVI:103 Structural Materials & Corrosion Control             | 2         |              | Apply for Graduation |           |
| AVI:105 Basic Physics for Aviation                           | 2         |              |                      |           |
| AVI:121 Aircraft Non-metallic Structures & Finishes          | 2         | AVI:103      |                      |           |
| AVI:122 Aviation Welding                                     | 2         | AVI:101      |                      |           |
| AVI:123 Airframe Fuel Systems & Fire Detection               | 1         | AVI:101      |                      |           |
| AVI:126 Rigging, Inspection, Cabin Environment, Ice and Rain | 3         | AVI:101      |                      |           |
| AVI:127 Communication & Navigation Systems                   | 3         | AVI:101      |                      |           |
| AVI:128 Aircraft Electrical Systems                          | 4         | AVI:102      |                      |           |
| <b>Subtotal</b>  | <b>19</b> |              |                      |           |

**Total Hours in the Program: 33**

See Catalog for classes [stlcc.edu/Admissions\\_and\\_Registration/Course\\_Catalog.html](http://stlcc.edu/Admissions_and_Registration/Course_Catalog.html) or <http://cte.stlcc.edu/aviation-maintenance-airframe/>  
**Maximize your transfer credits/classes by meeting with an academic advisor.**

## Aviation Maintenance – Airframe CP

### Quick Checklist

| Courses  | Credit Hours | Notes |
|--|--------------|-------|
| <b>REQUIRED COURSES</b>                                      |              |       |
| AVI:101 General Mechanics, drawings & Safety                 | 2            |       |
| AVI:102 Basic Electricity for Aviation Technicians           | 2            |       |
| AVI:103 Structural Materials & Corrosion Control             | 2            |       |
| AVI:104 Federal Regulations & Ground Operations              | 2            |       |
| AVI:105 Basic Physics for Aviation                           | 2            |       |
| AVI:106 Quantitative Applications                            | 2            |       |
| AVI:121 Aircraft Non-metallic Structures & Finishes          | 2            |       |
| AVI:122 Aviation Welding                                     | 2            |       |
| AVI:123 Airframe Fuel Systems & Fire Detection               | 1            |       |
| AVI:124 Aircraft Metallic Structures                         | 4            |       |
| AVI:125 Aircraft Fluid & Pneumatic Power Systems             | 2            |       |
| AVI:126 Rigging, Inspection, Cabin Environment, Ice and Rain | 3            |       |
| AVI:127 Communication & Navigation Systems                   | 3            |       |
| AVI:128 Aircraft Electrical Systems                          | 4            |       |
| <b>ELECTIVES</b>   |              |       |
|  |              |       |
|  |              |       |
|  |              |       |
|  |              |       |
|  |              |       |

For more information, please see [stlcc.edu/Programs/Degrees](http://stlcc.edu/Programs/Degrees) or consult the College Catalog at [stlcc.edu/Admissions\\_and\\_Registration/Course\\_Catalog.html](http://stlcc.edu/Admissions_and_Registration/Course_Catalog.html)

**Advisor Contact Information**

Name \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_