

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Aviation Flight Technology  
Associate in Applied Science Degree

Curriculum Code: 0259 (Effective Fall 2009 – Summer 2014)

The commercial flight training program provides all required ground, simulator, and in-flight technical training to meet Federal Aviation Administration requirements for Commercial Pilot Certification. This program will conduct ab-initio training (no previous experience) or build on previous experience of the student. Students entering this program are required to accomplish an F.A.A. Class II medical exam prior to entering training. Normal motor skills and academic ability will provide functional competency to support certification. Graduates are initially employed as instructor pilots by flight training schools. As the graduates achieve 1200 to 1500 flight hours, they are competitive for hiring by regional or commuter airlines as First Officers. **Not all courses in this program transfer to all colleges.** Students planning to transfer should see an academic advisor or counselor before enrolling in any course.

#### PREREQUISITES

Students should see *Course Descriptions* or *Course Offerings* for course prerequisite information. See the *Assessment and Placement Testing* section for skills assessment and advising information.

#### INFORMATION

Contact the Aviation Program at the LCC Aviation Center, 3428 W. Hangar Drive, Lansing, MI 48906, Room 109, telephone number (517) 483-1406 or the Transportation and Engineering Technologies Department, West Campus Building, Room M103, telephone number (517) 267-6406.

#### REQUIREMENTS

| CODE     | TITLE                            | TOTAL: 43 CREDITS<br>CREDIT HOURS |
|----------|----------------------------------|-----------------------------------|
| AVFT 201 | Flight Training I (See Note 1)   | 7.5                               |
| AVFT 202 | Flight Training II (See Note 2)  | 5                                 |
| AVFT 203 | Flight Training III (See Note 3) | 5.5                               |
| AVFT 204 | Flight Training IV (See Note 4)  | 5                                 |
| AVGS 101 | Private Pilot Ground School      | 4                                 |
| AVGS 121 | Aviation Meteorology             | 4                                 |
| AVGS 211 | Instrument Pilot Ground School   | 4                                 |
| AVGS 221 | Commercial Pilot Ground School   | 4                                 |
| AVST 211 | Flight Simulator I               | 1                                 |
| AVST 212 | Flight Simulator II              | 1                                 |
| AVST 213 | Flight Simulator III             | 1                                 |
| AVST 214 | Flight Simulator IV              | 1                                 |

**LIMITED CHOICE REQUIREMENTS****TOTAL: 19–25 CREDITS**Complete the indicated number of credits from **EACH CHOICE** listed below.**CHOICE 1: General Education Core Areas****15–21 Credits**(See *General Education Core Requirements* for information on how to fulfill these requirements.)

Core area proficiency exams, where appropriate, are available for each core area.)

|   |     |
|---|-----|
| Communication Core Area                     | 3–4 |
| Global Perspectives and Diversity Core Area | 3–4 |
| Mathematics Core Area                       | 3–4 |
| Science Core Area                           | 3–5 |
| Writing Core Area                           | 3–4 |

**CHOICE 2: Advanced Flight Training****4 Credits**

|          |                               |     |
|----------|-------------------------------|-----|
| AVFT 205 | CFI Flight Training           | 3.5 |
| AVFT 206 | Instrument Instructor         | 2.5 |
| AVFT 207 | Multi-Engine Flight Training  | 1.5 |
| AVFT 208 | Multi-Engine Instructor       | 1.5 |
| AVGS 222 | Flight Instructor Grnd School | 4   |
| AVST 215 | Multi-Engine Flight Simulator | 1   |
| AVST 216 | Airline Transport Pilot Prep  | 1   |

**MINIMUM TOTAL****62****NOTES:**

1. This course is offered in modules: AVFT 201A, AVFT 201B, and AVFT 201C.
2. This course is offered in modules: AVFT 202A and AVFT 202B.
3. This course is offered in modules: AVFT 203A and AVFT 203B.
4. This course is offered in modules: AVFT 204A and AVFT 204B.

**SUGGESTED COURSE SEQUENCE**

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor or counselor for help with adjustments.

| <b>I – Fall</b> | <b>II – Spring</b> | <b>III – Summer</b> | <b>IV – Fall</b> |
|-----------------|--------------------|---------------------|------------------|
| AVFT 201        | AVFT 202           | Lim.Ch.             | AVFT 203         |
| AVGS 101        | AVGS 121           | Lim.Ch.             | AVGS 211         |
| AVST 211        | AVST 212           | Lim.Ch.             | AVST 213         |
| Lim. Ch.        | Lim. Ch.           |                     | Lim. Ch.         |

**V – Spring**


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AVFT 204  
AVGS 221  
AVST 214  
Lim. Ch.