

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Aviation Flight Technology
Associate in Applied Science Degree

Curriculum Code: 0259 (Effective Fall 2005 – Summer 2010)

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.

REQUIREMENTS

| CODE | TITLE | TOTAL: 48 CREDITS CREDIT HOURS |
|---------|----------------------------------|-----------------------------------|
| AVFT201 | Flight Training I (See Note 1) | 7.5 |
| AVFT202 | Flight Training II (See Note 2) | 5 |
| AVFT203 | Flight Training III (See Note 3) | 5.5 |
| AVFT204 | Flight Training IV (See Note 4) | 5 |
| AVFT205 | CFI Flight Training | 3.5 |
| AVFT207 | Multi-Engine Flight Training | 1.5 |
| AVGS101 | Private Pilot Ground School | 4 |
| AVGS121 | Aviation Meteorology | 4 |
| AVGS211 | Instrument Pilot Ground School | 4 |
| AVGS221 | Commercial Pilot Ground School | 4 |
| AVST211 | Flight Simulator I | 1 |
| AVST212 | Flight Simulator II | 1 |
| AVST213 | Flight Simulator III | 1 |
| AVST214 | Flight Simulator IV | 1 |

LIMITED CHOICE REQUIREMENTS**TOTAL: 24–29 CREDITS**Complete the indicated number of credits from **EACH CHOICE** listed below.**CHOICE 1: General Education Core Areas****16–21 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 | 4–5 |
| Writing Core Area | 3–4 |

CHOICE 2: Advanced Flight Training**8 Credits**

| | | |
|---------|---|-----|
| AVFT206 | Instrument Instructor Flight Training | 2.5 |
| AVFT208 | Multi-Engine Instructor Flight Training | 1.5 |
| AVFT220 | Aviation Law | 3 |
| AVGS222 | Flight Instructor Ground School | 4 |
| AVST215 | Multi-Engine Flight Simulator | 1 |
| AVST216 | Airline Transport Pilot Prep | 1 |

MINIMUM TOTAL**72****NOTES:**

1. This course is offered in modules: AVFT201A, AVFT201B, and AVFT201C.
2. This course is offered in modules: AVFT202A and AVFT202B.
3. This course is offered in modules: AVFT203A and AVFT203B.
4. This course is offered in modules: AVFT204A and AVFT204B.

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.

| I | II | III | IV |
|----------|-----------|------------|-----------|
| AVFT201 | AVFT202 | AVFT203 | AVFT204 |
| AVGS101 | AVGS121 | AVGS221 | AVST214 |
| AVST211 | AVGS211 | AVST213 | Lim.Ch. |
| | AVST212 | Lim.Ch. | |
| V | VI | | |
| AVFT205 | AVFT207 | | |
| Lim.Ch. | Lim.Ch. | | |
| Lim.Ch. | Lim.Ch. | | |
| Lim.Ch. | Lim.Ch. | | |