

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Aviation Flight Technology
Associate in Applied Science Degree

Curriculum Code: 0259 (Effective Fall 2007 – Summer 2012)

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 Technologies Department, West Campus Building, Room M103, telephone number (517) 267-5880 (Website: <http://www.lcc.edu/transportation/aviation/>).

REQUIREMENTS

CODE	TITLE	TOTAL: 43 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
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: 20–25 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**4 Credits**

AVFT205	CFI Flight Training	3.5
AVFT206	Instrument Instructor Flight Training	2.5
AVFT207	Multi-Engine Flight Training	1.5
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**63****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		
V	VI		
Lim.Ch.	Lim.Ch.		
Lim.Ch.	Lim.Ch.		
Lim.Ch.	Lim.Ch.		