

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Avionics Flightline Maintenance
Certificate of Achievement

Curriculum Code: 1052 (Effective Fall 2005 – Summer 2010)

This certificate of achievement enables a student to expand their knowledge of avionics related maintenance practices used to maintain aircraft in accordance with the Title 14 Code of Federal Aviation Regulations. Students enrolled in this program will learn the technical knowledge necessary to repair and maintain modern aircraft electronics systems. Courses indicated on the Certificate of Achievement may be applied to the Airframe and Powerplant License provided the student meets the requirements of the Federal Aviation Regulation Part 147.

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		TOTAL: 42 CREDITS
CODE	TITLE	CREDIT HOURS
AVAF134	Aircraft Instruments	2
AVAF209	Aircraft Structures II	4
AVAF211	Aircraft Electrical I	4
AVEL150	Avionics Test Equipment	2
AVEL151	Avionics Test Equipment Lab	1
AVEL190	Receiver Troubleshooting	2
AVEL191	Receiver Troubleshooting Lab	1
AVEL200	Flight Line Testing	2
AVEL220	Avionics Systems I	3
AVEL221	Avionics Systems I Lab	2
AVEL230	Avionics Systems II	3
AVEL231	Avionics Systems II Lab	2
AVGM111	Aviation General I	4
AVGM112	Aviation General II	6
AVGM113	Aviation General III	4
MINIMUM TOTAL		42

NOTES:

1. Students must complete each course with a minimum grade of 2.0 to receive the LCC Certificate of Achievement.
2. Students who are testing for the Federal Communication Commission General Radiotelephone Operators License should also enroll in AVEL225.

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
AVGM111	AVAF211	AVAF134	AVAF209
AVGM112	AVEL150	AVEL190	AVEL220
AVGM113	AVEL151	AVEL191	AVEL221
		AVEL200	
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V			
AVEL230			
AVEL231			