

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Auto Collision Repair
Associate in Applied Science Degree

Curriculum Code: 0188 (Effective Fall 2008 – Summer 2013)

Auto collision repair technicians possess the necessary skills to perform collision repair and refinishing according to the "manufacturer's specifications." Using hand and power tools, they straighten bent frames and body sections, replace badly damaged parts, smooth out minor dents and creases, remove rust, fill small holes and renew painted surfaces. Auto collision repair technicians are employed by collision repair shops, new car dealerships, refinishing businesses and auto restoration shops. Formal training is highly desirable, because advances in technology in recent years have greatly changed the structure, the components and even the materials used in automobiles. The Auto Collision Repair Program is certified by the National Automotive Technicians Education Foundation (NATEF). Although this curriculum does not provide state certification, state certification tests are available at any Michigan Secretary of State Office.

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 Transportation Technologies Department, West Campus Building, Room M103, telephone number (517) 267-5880 (Website: www.lcc.edu/transportation/collision_repair/) or Student Services West Campus, West Campus Building, Room M106, telephone number (517) 267-5510.

REQUIREMENTS

CODE	TITLE	TOTAL: 51 CREDITS CREDIT HOURS
AUTB 110	Non-Structural Repair (See Note 1)	3
AUTB 112	Advanced Non-Structural Repair	5
AUTB 114	Auto Body Welding and Cutting (See Note 1)	5
AUTB 116	Auto Body Structural Repair	5
AUTB 118	Introduction to Refinishing (See Note 1)	5
AUTB 120	Advanced Refinishing	5
AUTB 122	Collision Repair Estimating	3
AUTB 124	Automotive Plastic Repair	3
AUTB 162	Collision Repair Internship (See Notes 1 and 2)	3
AUTO 100	Automotive Service I	3
AUTO 110	Automotive Electrical Theory	5
AUTO 150	Auto Steering & Suspension	3
AUTO 160	Auto Heating/Air Conditioning	3

LIMITED CHOICE REQUIREMENTS

TOTAL: 20-26 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: Automotive Related **4–5 Credits**

AUTB 160	Adv Auto Body Repair/Painting	4
AUTO 215	Engine Performance & Tune-Up	5
AUTO 225	Automotive Computers	5

MINIMUM TOTAL **71**

NOTES:

1. Students must obtain department approval from the Transportation Department prior to registering for these courses.
2. AUTB 162 may be repeated one time for additional internship experience.

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
AUTB 110	AUTB 112	AUTB 116	AUTB 122
AUTB 114	AUTO 110	AUTB 120	AUTB 124
AUTB 118	Lim.Ch.	AUTO 160	AUTB 162
AUTO 100	Lim.Ch.	Lim.Ch.	AUTO 150
Lim.Ch.	Lim.Ch.	Lim.Ch.	