

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Automotive Technology, Maintenance/Light Repair Specialist  
Certificate of Completion

Curriculum Code: 1764 (Effective Fall 2015 – Summer 2020)

#### Program Description

This program prepares individuals to work as an automotive Maintenance/Light Repair technician. Students will receive an overview of automotive systems and their maintenance. Completion of this certificate leads to an ASE Maintenance and Light Repair (MLR) certification. These skills will build the foundation for various careers in automotive technologies. ASE Certified technicians are more desirable to employers. All credits in this program apply toward the Automotive Technologies Associate degrees. The Automotive Technology Program is a National Automotive Technicians Education Foundation (NATEF) Certified Training Program, evaluated by the National Institute for Automotive Service Excellence (ASE).

#### PREREQUISITES

Students should see [Course Descriptions](#) for course prerequisite information. See [Academic Assessment and Placement Testing for Student Success](#) for skills assessment and advising information.

#### INFORMATION

Contact the Transportation Maintenance Technologies Department, West Campus Building, Room M103, telephone number (517) 267-6406 (Website: [www.lcc.edu/transportation/automotive/](http://www.lcc.edu/transportation/automotive/)) or Student Services West Campus, West Campus Building, Room M106, telephone number (517) 267-5452.

#### REQUIREMENTS

CODE	TITLE	TOTAL: 22 CREDITS CREDIT HOURS
AUTM 101	Automotive Shop Safety	2
AUTM 110	Auto Electrical Fundamentals	4
AUTM 112	Battery/Start/Charge Systems	2
AUTM 120	Manual Trans and Driveline I	1
AUTM 121	Automatic Transmissions I	1
AUTM 130	Engine Mechanical Repair I	2
AUTM 140	Braking Systems and ABS I	2
AUTM 150	Steering and Suspension I	2
AUTM 160	Heating/Air Conditioning I	1

AUTM 170	Drivability Fundamentals	2
AUTM 190	ASE-MLR Automotive Internship	2
AUTM 195	ASE-MLR Certification	1
<b>MINIMUM TOTAL</b>		<b>22</b>

**NOTE:**

1. Students must complete each of these courses with a minimum 2.0 grade to receive this certificate.

**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</b>	<b>II</b>
AUTM 101	AUTM 140
AUTM 110	AUTM 150
AUTM 112	AUTM 160
AUTM 120	AUTM 170
AUTM 121	AUTM 190
AUTM 130	AUTM 195