



LAKES  
REGION  
COMMUNITY  
COLLEGE

# AUTOMOTIVE TECHNOLOGY

## Why Automotive Technology?

The skills and knowledge you will gain while earning your automotive degree are in high demand. Students who study automotive technology will work with the most advanced technology in the industry, have a competitive advantage over untrained technicians, and gain an accelerated path to a lifetime career. Here at LRCC, the Automotive Technology track consists of a series of evening and Saturday courses that will provide students with a well-rounded education with an emphasis on service, diagnosis, and repair of today's complex automobiles and their integrated systems. The evening and Saturday schedule makes this program a convenient option for those individuals already working in the field who want to improve their understanding and skills, or who have a desire to prepare for the ASE Certification testing. Classes are a combination of classroom theory and hands-on lab experience, and are taught by Master Certified Technicians with many years of experience solving the technical concerns related to engine performance, emissions, drive train, steering, suspension and braking systems, audio systems and HVAC.

## Potential Jobs/Careers:

- Automotive Technician
- Service Consultant
- Service Manager
- Field Service Engineer
- Shop Owner

## Potential Salary:

There is a wide range of jobs in the automotive industry. See below for the average annual salary range in NH for an automotive technician:

- Entry Level **\$33,300**
- Mid-Range **\$44,220**
- Experienced **\$48,755**

*\*Salary information provided by Lakes Region Community College Automotive Department Advisory Board, comprised of auto industry professionals.*

## Estimated Program Cost:

- Year 1: \$7,270**
- Year 2: \$9,396**
- for a total of \$16,666**

*\*Costs are based on in-state tuition and do not include fees, supplies, or books. Additional fees may apply; all prices are subject to change.*

## Did you know?

*“My experience at LRCC in the automotive program was second to none. Instructors are incredibly knowledgeable and really take the time to work with you to be sure you understand the material. I would recommend LRCC to anyone.”*

— Scott Tracy  
2019 Auto Technology Graduate  
Technician at Team Nissan  
in Lebanon, NH

# Degree & Certificate Requirements

## DEGREE Requirements

FIRST YEAR Fall Semester		Credits
<b>AUTO120L</b>	Introduction to Automotive Service	3
<b>AUTO150L</b>	Suspension and Steering	4
<b>AUTO138L</b>	Electrical/Electronics I	4
<b>ENGL100L</b>	English Composition	4
<b>ESNT120L</b>	College Essentials	1
<b>TOTAL</b>		<b>16</b>

FIRST YEAR Spring Semester		Credits
<b>AUTO139L</b>	Electrical/Electronics II	4
<b>AUTO140L</b>	Braking Systems	4
<b>ENGL124L</b>	Business Communications	3
<b>ELECTIVE</b>	Mathematics Elective	3
<b>TOTAL</b>		<b>14</b>

FIRST YEAR Summer Semester		Credits
<b>AUTO145L</b>	Heating, Ventilation & Air Conditioning	4
<b>AUTO137L</b>	Engine Mechanical	4
<b>ELECTIVE</b>	Social Science Elective	3
<b>TOTAL</b>		<b>11</b>

**Total Credits for Year = 41**

SECOND YEAR Fall Semester		Credits
<b>AUTO240L</b>	Manual Drive Train	4
<b>AUTO245L</b>	Engine Performance I	4
<b>ELECTIVE</b>	Science Elective	3
<b>ELECTIVE</b>	Liberal Arts Elective	3
<b>TOTAL</b>		<b>14</b>

SECOND YEAR Spring Semester		Credits
<b>AUTO246L</b>	Engine Performance II	4
<b>AUTO265L</b>	Automatic Transmission & Transaxles	4
<b>AUTO270L</b>	Advanced Technology Systems	3
<b>ELECTIVE</b>	Humanities/Fine Arts/Foreign Language Elective	3
<b>TOTAL</b>		<b>14</b>

**Total Credits for Year = 28**  
**Total for A.A.S. Degree = 69**

## CERTIFICATE Requirements

Basic Automotive Certificate		Credits
<b>AUTO120L</b>	Introduction to Automotive Services	3
<b>AUTO137L</b>	Engine Mechanical	4
<b>AUTO138L</b>	Electrical/Electronics I	4
<b>AUTO139L</b>	Electrical/Electronics II	4
<b>AUTO140L</b>	Braking Systems	4
<b>AUTO150L</b>	Suspension & Steering	4
<b>ESNT120L</b>	College Essentials	1
<b>TOTAL</b>		<b>24</b>

Students in the Basic Automotive Certificate may take a co-op if desired.

Advanced Automotive Certificate		Credits
<b>AUTO120L</b>	Introduction to Automotive Services	3
<b>AUTO137L</b>	Engine Mechanical	4
<b>AUTO138L</b>	Electrical/Electronics I	4
<b>AUTO139L</b>	Electrical/Electronics II	4
<b>AUTO140L</b>	Braking Systems	4
<b>AUTO145L</b>	HVAC	4
<b>AUTO150L</b>	Suspension & Steering	4
<b>AUTO240L</b>	Manual Drive Train	4
<b>AUTO245L</b>	Engine Performance I	4
<b>AUTO255L</b>	Engine Performance II	4
<b>AUTO265L</b>	Automatic Transmission & Transaxles	4
<b>ESNT120L</b>	College Essentials	1
<b>TOTAL</b>		<b>44</b>

