

**AUTOMOTIVE ELECTRICAL TECHNICIAN**  
Certificate

**AL, MA**

*Purpose:* This curriculum is designed for persons who seek full-time employment as entry-level automotive service technicians. The curriculum includes electrical theory and application to advance the student as an automotive electrical technician. Occupational objectives include diagnostician specialist, emission control technicians, and service technicians.

<b>One Year</b>		<b>Credits</b>
<b>1st Semester</b>		
AUT	100 Intro to Auto. Shop Practices	2
AUT	111 Automotive Engines I	4
AUT	241 Auto. Electricity I	4
ENG	111 College Composition I or ENG 131 Technical Report Writing I	3
MTH	103 Applied Technical Math. I	3
SDV	Elective	<u>1</u>
<b>Total</b>		<b>17</b>
<b>2nd Semester</b>		
AUT	122 Automotive Fuel Systems II	4
AUT	242 Auto. Electricity II	4
AUT	245 Automotive Electronics	4
<sup>1</sup> —	Social Science Elective	<u>3</u>
<b>Total</b>		<b>15</b>

**Total credits for the Automotive Electrical Technician Certificate = 32**

<sup>1</sup> The social science elective may be selected from the social/behavioral sciences courses listed under General Education Electives.