

## **ATI4: Automotive Technology Diploma (replaces UTA4: Automotive Technology and UT02: Automotive Fundamentals in the Quarter System)**

The Automotive Technology diploma program is a sequence of courses designed to prepare students for careers in the automotive service and repair profession. Learning opportunities enable students to develop academic, technical and professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes a combination of automotive mechanics theory and practical application necessary for successful employment.

NOTE: Employers in this field look for people with strong communication and analytical skills. Technicians need good reading, mathematics, and computer skills to study technical manuals and to keep abreast of new technology and learn new service and repair procedures and specifications.

### **Career Opportunities**

*Graduates may find employment as automotive technicians qualified in the following service areas: engine performance, suspension and steering, brakes, electrical/electronic systems, and heating/air conditioning.*

**Credit Required for Graduation: Minimum of 55 credit hours**

### **Curriculum**

	<b>Program Course</b>	<b>Credits</b>
	<i>Basic Skills Courses</i>	
_____	EMPL 1000 Interpersonal Relations and Professional Development	2
_____	ENGL 1010 Fundamentals of English I	3
_____	MATH 1012 Foundations of Mathematics	3
	<i>Occupational Courses</i>	
_____	AUTT 1010 Introduction to Automotive Technology	2
_____	AUTT 1020 Automotive Electrical Systems	7
_____	AUTT 1030 Automotive Brake Systems	4
_____	AUTT 1040 Automotive Engine Performance	7
_____	AUTT 1050 Automotive Suspension and Steering Systems	4
_____	AUTT 1060 Automotive Climate Control Systems	5
_____	AUTT 2010 Automotive Engine Repair	6
_____	AUTT 2020 Automotive Manual Drive Train and Axles	4
_____	AUTT 2030 Automotive Automatic Transmissions and Transaxles	5
_____	COMP 1000 Introduction to Computers	3