



## CAREER OPPORTUNITIES

If you have the drive, there's almost no limit to your options and advancement. Although beginning salaries are comparable to other technical careers, experienced auto technicians can earn \$30,000 to \$40,000. Some top-notch technicians earn even more!

While many students get jobs right out of high school, others may decide to seek a two-year associate degree from the local community college. Still others will expand their education into a four-year bachelor's degree.

Many techs love the day-to-day challenge of repairing cars and have good careers doing just that.

Others branch out. They may become service managers, service engineers, race team pit crew members, automotive writers—even auto technology teachers. Those with a flair for business may open

their own shop or manage a shop or car dealership.

Whatever your path, the automotive service and repair industry is broad enough to make your dreams come true for years to come.



**We Support  
ASE Certification**

# AUTOMOTIVE SERVICES TECHNOLOGY

## 2 Year Degree Program

### FIRST YEAR – Fall Semester

COURSE	CREDITS
AST 170 Engine Repair	4
AST 172 Introduction to Automotive Services	2
AST 173 Braking Systems	4
AST 180A Basic Electrical Systems	2
IND 138 Industrial Seminar	1
MAT 113 Introduction to Contemporary Mathematics OR MAT 100 Mathematics for Applied Technologies OR MAT 105 Vocational Mathematics OR MAT 120 Elementary Statistics	3 16

### FIRST YEAR – Spring Semester

COURSE	CREDITS
AST 171A Ignition Systems	4
AST 171B Fuel and Exhaust Systems	4
AST 180B Starting and Charging Systems	2
AST 180C Electrical Accessories	2
ENG 101 English Composition I <sup>1</sup> OR ENG 113 Professional Technical Writing <sup>1</sup>	3
PSY 110 College Success and Career Planning OR Internship (Summer only)	3 18

### SECOND YEAR – Fall Semester

COURSE	CREDITS
AST 200 Alternative Fuels	2
AST 273 Automotive Computer Electronics	2
AST 280 Air Conditioning	4
AST 281 Suspension and Steering	4
CIS 101 Introduction to Computers	3
SPE 115 Speech OR SPE 116 Interpersonal Communication	3 18

### SECOND YEAR – Spring Semester

COURSE	CREDITS
AST 270 Manual Drive Trains and Axles	4
AST 271 Automatic Transmissions/Transaxles	4
AST 276 Emission Control Systems	2
AST 279 ASE Testing	2
PHY 121 Technical Physics - Mechanical	3
PSY 132 General Psychology	3

## Master Certificate Program Four Semesters – Block Scheduling

### FIRST SEMESTER – FALL

FIRST HALF		CREDITS
COURSE		
AST 172 Introduction to Automotive Services		2
AST 173 Braking Systems		4

### SECOND HALF

AST 170 Engine Repair	4
AST 180A Basic Electrical Systems	2
	12

### SECOND SEMESTER – SPRING

FIRST HALF		CREDITS
COURSE		
AST 171A Ignition Systems		4
AST 180B Starting and Charging Systems		2

### SECOND HALF

AST 171B Fuel and Exhaust Systems	4
AST 180C Electrical Accessories	2
	12

### THIRD SEMESTER – FALL

FIRST HALF		CREDITS
COURSE		
AST 200 Alternative Fuels		2
AST 280 Air Conditioning		4

### SECOND HALF

AST 273 Automotive Computer Electronics	2
AST 281 Suspension and Steering	4
	12

### FOURTH SEMESTER – SPRING

FIRST HALF		CREDITS
COURSE		
AST 270 Manual Drive Trains and Axles		4
AST 276 Emission Control Systems		2

### SECOND HALF

AST 271 Automatic Transmissions/Transaxles	4
AST 279 ASE Testing	2
	12

### OPTIONAL

ATI 200 Applied Technologies Internship <sup>1</sup>	1-3
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<sup>1</sup>Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding. This is a Gainful Employment Certificate Program of 16 credit hours or more that prepares the student for gainful employment in a recognized occupation. For detailed information regarding program length, cost, average loan debt and completion details, select the following link to the Gainful Employment Worksheet for this program. Gainful Employment Worksheet–Auto Services Technology Certificate Program (00AST0052)

## 2+2 WITH SIUC

The technical resource management degree program focuses on managerial and supervisory skills for the technical and service professions. Graduates put these skills to work in their technical field as team leaders, supervisors, coordinators, or directors. A sample curriculum follows. For specific degree requirements consult the current SIUC Undergraduate Catalog, which can be viewed online along with transferable course equivalencies and other information at <http://www.siu.edu/siuc/>.



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*John A. Logan College does not discriminate on the basis of race, religion, color, national origin, disability, age, gender orientation.*



## AUTO SERVICES TECHNOLOGY



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