

# AUTOMOBILE TECHNOLOGY DEPARTMENT

**AUTO TECH BUILDING (323) 265-8726**

The Automobile Technology program at East Los Angeles College is NATEF (National Automotive Technician Education Foundation) certified. This program prepares students for a career in the high tech world of transportation repair. Los Angelinos value and depend on their cars, making the maintenance and repair industry a growth field, a trend that is predicted to continue for decades. All major domestic and import auto manufacturers are located in the area, and repair departments are a major component of their operations. Computerization has revolutionized automobile design, and mechanics need a comprehensive knowledge of all the systems of a vehicle to be successful in industry.

Students may enter the program with no prior experience and build their skills so they are able to diagnose and repair today's sophisticated automobiles. Faculty members are ASE (Automotive Service Excellence) certified Master technicians with many years of experience in private industry. The automobile technology facilities are second to none. Students use state-of-the-art tools and equipment. Hands-on laboratories combined with lectures that describe all the mechanical systems of modern cars and the latest computer-assisted repair and testing equipment prepare students to transition easily into automotive dealerships or independent repair shops.

To inquire about all phases of the program, call the Automobile Technology Department at (323) 265-8726.

## FACULTY

Banuelos, Adrian - Chair  
Associate Professor  
Kangas, Walter  
Associate Professor

## EDUCATIONAL PROGRAMS

### SKILLS CERTIFICATES:

- **Automotive Customer Service Management**
- **Undercar Specialist**

### CERTIFICATES OF ACHIEVEMENT:

- **Automobile Technology**
- **Cooling Systems and Climate Control Specialist**
- **Drivetrain Specialist**
- **Engine Performance and Drivability**

### ASSOCIATE DEGREE PROGRAM:

- **Automobile Technology**

### SKILLS CERTIFICATES

#### AUTOMOTIVE CUSTOMER SERVICE MANAGEMENT

This skills certificate is designed to familiarize students with the theory and application of automotive technical systems and industry practices. Students will learn office and organizational skills necessary to deliver excellent customer service. Successful completion of this skills certificate will allow

students the opportunity to enter the auto industry as service writers and customer service managers.

SUBJECT & NO.	COURSE	UNITS
CAOT 48	Customer Service . . . . .	.3
CAOT 82	Microcomputer Software Survey in the Office . . . . .	.3
AUTOMO 101	Introduction to Automobile Technology	.4
AUTOMO 185	Directed Study- Automobile Technology	1
<i>Total</i> . . . . .		<b>11</b>

#### UNDERCAR SPECIALIST

SUBJECT & NO.	COURSE	UNITS
AUTOMO 401	Suspension Steering, and Wheel Alignment . . . . .	.5
AUTOMO 501	Automobile Braking Systems. . . . .	.5
AUTOMO 601	Automobile Electrical/Electronic Systems . . . . .	.5
<i>Total</i> . . . . .		<b>15</b>

### CERTIFICATES OF ACHIEVEMENT

#### AUTOMOBILE TECHNOLOGY

SUBJECT & NO.	COURSE	UNITS
AUTOMO 101	Introduction to Automobile Technology	.4
AUTOMO 111	Engine Repair and Rebuilding . . . . .	.4
AUTOMO 201*	Automatic Transmission and Transaxle	.5
AUTOMO 301*	Manual Drive Train Axles . . . . .	.5
AUTOMO 401*	Suspension, Steering and Wheel Alignment . . . . .	.5
AUTOMO 501*	Automobile Braking Systems. . . . .	.5
AUTOMO 601*	Automobile Electrical/Electronic Systems . . . . .	.5
AUTOMO 701*	Automobile Heating and Air Conditioning. . . . .	.5
AUTOMO 801*	Advanced Engine Performance. . . . .	.5

#### ELECTIVES: SELECT AT LEAST 2 UNITS FROM THIS LIST

AUTOMO 115	Automobile Repair Work Experience	.2
AUTOMO 185	Directed Studies . . . . .	.1
AUTOMO 285	Directed Studies . . . . .	.2
AUTOMO 385	Directed Studies . . . . .	.3
<i>Total</i> . . . . .		<b>.45</b>

\*This course has a corequisite.

#### COOLING SYSTEMS AND CLIMATE CONTROL SPECIALIST

SUBJECT & NO.	COURSE	UNITS
AUTOMO 111	Engine Repair and Rebuilding . . . . .	.4
AUTOMO 601	Automobile Electrical/Electronic Systems . . . . .	.5
AUTOMO 701	Automobile Heating and Air Conditioning. . . . .	.5
<i>Total</i> . . . . .		<b>14</b>

#### DRIVETRAIN SPECIALIST

SUBJECT & NO.	COURSE	UNITS
AUTOMO 111	Engine Repair and Rebuilding . . . . .	.4
AUTOMO 201	Automatic Transmission and Transaxle	.5
AUTOMO 301	Manual Drive Train Axles . . . . .	.5
<i>Total</i> . . . . .		<b>14</b>