

# AUTOMOTIVE TECHNOLOGY

## Program Description

This program prepares individuals to apply technical knowledge and skills to repair, reconstruct and finish automobile bodies, fenders, and external features. This includes instruction in structure analysis, damage repair, non-structural analysis, mechanical and electrical components, plastics and adhesives, painting and refinishing techniques, damage analysis, and estimating.

## Campus

RIV

## Award Type

AS, S

## Career Opportunities

- Automotive Body Repairer
- Automotive Technician
- Maintenance and Repair Assistants
- Sheet Metal Worker
- Welder

## Wages

	Annual	Hourly
Automotive Body Repairer	\$40,541	\$21.11
Automotive Technician	\$38,357	\$19.97
Maintenance and Repair Assistants	\$22,812	\$11.88
Sheet Metal Workers	\$44,682	\$23.27
Welder	\$32,122	\$16.73

## Contact Information

Riverside – (951) 222-8348

## AUTOMOTIVE TECHNOLOGY - AS511/CE511

### AUTOMOTIVE BODY REPAIR

#### Certificate Program

Required Courses (30 units)		Units
AUB-50	Introduction to Automotive Body Technology	4
AUB-51	Intermediate Automotive Body Technology	4
AUB-52	Automotive Body Refinishing	4
AUB-53	Automotive Body Special Projects	4
AUB-54	Advanced Automotive Body and Frame	4
AUB-60	Automotive Trim and Upholstery, I	4
AUT-53A	Automotive Chassis and Alignment	4
WEL/ENE/MAN-34	Metal Joining Processes	2

#### Associate in Science Degree

The Associate in Science degree in Automotive Technology-Automotive Body Repair will be awarded upon completion of the requirements for the certificate, plus completion of the graduation requirements as described in the catalog, as well as electives totaling 60 units of college work as required for the associate degree.



## Program Description

This program prepares individuals to apply technical knowledge and skills to install springs, filling, padding, covering, and finishing (trim) on automobile related products.

## Campus

RIV

## Award Type

AS, S

## Career Opportunities

- Automotive Customizing
- Upholsterer

## Wages

	Annual	Hourly
Upholsterer	\$26,447	\$13.77

## Contact Information

Riverside – (951) 222-8348

## AUTOMOTIVE TECHNOLOGY - AS516/CE516

### AUTOMOTIVE TRIM AND UPHOLSTERY

#### Certificate Program

Required Courses (26 units)		Units
AUB-50	Introduction to Automotive Body Technology	4
AUB-51	Intermediate Automotive Body Technology	4
AUB-52	Automotive Body Refinishing	4
AUB-53	Automotive Body Special Projects	4
AUB-60	Automotive Trim and Upholstery, I	4
AUB-61	Automotive Trim and Upholstery, II	4
WEL/ENE/MAN-34	Metal Joining Processes	2

#### Associate in Science Degree

The Associate in Science degree in Automotive Technology-Automotive Trim and Upholstery will be awarded upon completion of the requirements for the certificate, plus completion of the graduation requirements as described in the catalog, as well as electives totaling 60 units of college work as required for the associate degree.



# AUTOMOTIVE TECHNOLOGY

## Program Description

This program prepares individuals to apply technical knowledge and skills to operate, maintain, and repair electrical and electronic equipment with in an automobile. This includes instruction in electrical circuitry, simple gearing, linkages, and the use of test equipment.

## Campus

RIV

## Award Type

AS, S

## Career Opportunities

- Automotive Customizing
- Automotive Technician
- Electrical Component Repairer
- Electronic Equipment Installer
- Service Advisor

## Wages

	Annual	Hourly
Automotive Technician	\$38,357	\$19.97
Electronic Equipment Installer & Repairer	\$34,795	\$18.12

## Contact Information

Riverside – (951) 222-8348

## Program Description

This program prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. This includes instruction in brake systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions, drive trains, and heating and air conditioning systems.

## Campus

RIV

## Award Type

AS, S

## Career Opportunities

- Automotive Customizing
- Automotive Technician
- California State Smog Technician
- Heavy Equipment Mechanic
- Small Engine Repair
- Truck Mechanic

## Wages

	Annual	Hourly
Automotive Technician	\$38,357	\$19.97
Heavy Equipment Mechanic	\$50,156	\$26.12
Small Engine Repair	\$28,252	\$14.71
Truck Mechanic	\$43,429	\$22.61

## Contact Information

Riverside – (951) 222-8348

## AUTOMOTIVE TECHNOLOGY -

## AS513/CE513

### ELECTRICAL

#### Certificate Program

Required Courses (23 units)		Units
AUT-50	Automotive Principles	4
AUT-52A	Automotive Tune-up and Electrical Systems	4
AUT-52B	Automotive Tune-up and Emission Controls	4
AUT-54	Automotive Electrical Systems	4
AUT-56	Automotive Computer Controls	3
AUT-57	Automotive Heating and Air Conditioning	4

#### Associate in Science Degree

The Associate in Science degree in Automotive Technology-Electrical will be awarded upon completion of the requirements for the certificate, plus completion of the graduation requirements as described in the catalog, as well as electives totaling 60 units of college work as required for the associate degree.

## AUTOMOTIVE TECHNOLOGY -

## AS515/CE515

### MECHANICAL

#### Certificate Program

Required Courses (28 units)		Units
AUT-50	Automotive Principles	4
AUT-51A	Internal Combustion Engines Rebuilding, Gas and Diesel-Upper End	4
AUT-51B	Internal Combustion Engines Rebuilding, Gas and Diesel-Lower End	4
AUT-53A	Automotive Chassis and Alignment	4
AUT-53B	Automotive Brakes	4
AUT-55A	Automotive Automatic Transmissions/Transaxles	4
AUT-55B	Automotive Manual Drivetrain Systems	4

#### Associate in Science Degree

The Associate in Science degree in Automotive Technology-Mechanical will be awarded upon completion of the requirements for the certificate, plus completion of the graduation requirements as described in the catalog, as well as electives totaling 60 units of college work as required for the associate degree.