

# Automotive Servicing

## Certificate in Applied Science

**Credit Requirements: 39 Semester Credit Hours**

### Day

The Automotive Servicing program prepares students for employment in the automotive servicing industry. This program teaches the basic skills required for the diagnosis, maintenance and repair of passenger cars and light trucks, through theory and shop instruction.

Admission into this program requires qualifying scores on SAT, ACT or TTC's placement test. High school graduation is not required if you are at least 18 years old.

### Recommended Sequence of Courses

#### First Semester – Fall

AUT 101	Engine Fundamentals	3
AUT 111	Brakes	3
AUT 131	Electrical Systems	3
AUT 133	Electrical Fundamentals	3
		<b>Total 12</b>

#### Second Semester – Spring

AUT 103	Engine Reconditioning	4
AUT 145	Engine Performance	3
AUT 149	Ignition and Fuel Systems	4
AUT 241	Automotive Air Conditioning	4
		<b>Total 15</b>

#### Third Semester – Summer

AUT 116	Manual Transmission and Axle	4
AUT 122	Suspension and Alignment	4
AUT 152	Automatic Transmission	4
		<b>Total 12</b>

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### Evening

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### Recommended Sequence of Courses

#### First Semester – Fall

AUT 101	Engine Fundamentals	3
AUT 133	Electrical Fundamentals	3
		<b>Total 6</b>

#### Second Semester – Spring

AUT 122	Suspension and Alignment	4
AUT 131	Electrical Systems	3
		<b>Total 7</b>

#### Third Semester – Summer

AUT 111	Brakes	3
AUT 241	Automotive Air Conditioning	4
		<b>Total 7</b>

#### Fourth Semester – Fall

AUT 116	Manual Transmission and Axle	4
AUT 152	Automatic Transmission	4
		<b>Total 8</b>

#### Fifth Semester – Spring

AUT 145	Engine Performance	3
AUT 149	Ignition and Fuel Systems	4
		<b>Total 7</b>

#### Sixth Semester – Summer

AUT 103	Engine Reconditioning	4
		<b>Total 4</b>

# Basic Construction Trades

## Certificate in Applied Science

**Credit Requirements: 27 Semester Credit Hours**

This certificate program teaches basic residential construction skills. A combination of credit courses is used to teach and build a house. The program prepares students for entry into the residential construction industry.

Admission into this program requires qualifying scores on SAT, ACT or TTC's placement test. High school graduation is not required if you are at least 18 years old.

### Recommended Sequence of Courses

#### First Semester – Fall

BCT 102	Fundamentals of Building Construction	4
BCT 103	Construction Site Layout	4
BCT 112	Construction Print Reading	2
BCT 201	Principles of Roof Construction	4
		<b>Total 14</b>