

**Third Semester – Summer**

COS 106	Facials and Makeup	3
COS 116	Hair Styling I	4
MAT 155	Contemporary Mathematics	3
		<b>Total 10</b>

**Fourth Semester – Fall**

COS 114	Hair Shaping	4
COS 222	Cosmetology Clinical Practice II	3
ENG 150	Basic Communications	3
PSY 110	Applied Psychology	3
		<b>Total 13</b>

## Cosmetology

**Diploma in Applied Science**

**Credit Required: 48 Semester Credit Hours**

**Evening**

The Cosmetology program prepares students for entry into the cosmetology career field by providing instruction in basic skills and theory.

Admission into this program requires qualifying scores on SAT, ACT or the TTC placement test. High school graduation is not required if you are at least 18 years old and can provide proof of 10th grade completion. (No correspondence schools.)

**Recommended Sequence of Courses**

**First Semester – Fall**

COS 120	Fall Practice	3
COS 112	Shampoo and Rinses	4
		<b>Total 7</b>

**Second Semester – Spring**

COS 220	Clinical Practice I	3
COS 222	Clinical Practice II	3
MAT 155	Contemporary Mathematics	3
		<b>Total 9</b>

**Third Semester – Summer**

COS 108	Nail Care	3
COS 106	Facials and Makeup	3
		<b>Total 6</b>

**Fourth Semester – Fall**

COS 206	Chemical Hair Waving	3
COS 114	Hair Shaping	4
ENG 150	Basic Communications	3
		<b>Total 10</b>

**Fifth Semester – Spring**

COS 210	Hair Coloring	3
COS 116	Hair Styling I	4
PSY 110	Applied Psychology	3
		<b>Total 10</b>

**Sixth Semester – Summer**

COS 101	Fundamentals of Cosmetology	3
COS 110	Scalp and Hair Care	3
		<b>Total 6</b>

*Note: For Spring-start sequence, see advisor.*

## Air Conditioning/ Refrigeration: Beginning Certificate

**Certificate in Applied Science**

**Credit Requirements: 14 Semester Credit Hours**

This is a basic ACR fundamentals certificate designed to offer documentation of basic knowledge in the ACR field. It prepares students for entry positions where multiple trades are required such as in apartment and/or building maintenance. Other positions such as counter/distributor HVAC sales would also benefit.

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**

ACR 106	Basic Electricity	4
ACR 108	Refrigeration Fundamentals	3
ACR 109	Tools and Service II	2
		<b>Total 9</b>

**Second Semester – Spring**

ACR 122	Principles of Air Conditioning	5
		<b>Total 5</b>

## Air Conditioning/ Refrigeration Mechanics

**Certificate in Applied Science**

**Credit Requirements: 29 Semester Credit Hours**

**Day**

The Air Conditioning/Refrigeration Mechanics program prepares students for entry-level positions in the residential and light commercial heating and air conditioning field.

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.

## Industrial Technology

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### Recommended Sequence of Courses

#### First Semester – Fall

ACR 106	Basic Electricity for HVAC/R	4
ACR 108	Refrigeration Fundamentals	3
ACR 109	Tools and Service II	2
		<b>Total 9</b>

#### Second Semester – Spring

ACR 111	Gas Heating Principles	3
ACR 122	Principles of Air Conditioning	5
ACR 206	Advanced Electricity	2
		<b>Total 10</b>

#### Third Semester – Summer

ACR 131	Commercial Refrigeration	4
ACR 210	Heat Pumps	4
ACR 224	Codes and Ordinances	2
		<b>Total 10</b>

## Air Conditioning/ Refrigeration: Advanced

### Certificate in Applied Science

#### Credit Requirements: 13 Semester Credit Hours

This certificate covers more advanced principles in ACR for individuals who have been in the field and desire more formal education or students who have an excellent understanding of basic ACR principles and desire more specific training on equipment and/or troubleshooting. It is strongly recommended that students who do not have a solid fundamental ACR foundation start with the ACR Beginning certificate.

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.

#### Fall Start

##### First Semester – Fall

ACR 210	Heat Pumps	4
ACR 131	Commercial Refrigeration	4
		<b>Total 8</b>

##### Second Semester – Spring

ACR 111	Gas Heating	3
ACR 206	Advanced Electricity	2
		<b>Total 5</b>

#### Spring Start

##### First Semester – Spring

ACR 111	Gas Heating	3
ACR 206	Advanced Electricity	2
		<b>Total 5</b>

##### Second Semester – Fall

ACR 131	Commercial Refrigeration	4
ACR 210	Heat Pumps	4
		<b>Total 8</b>

## Automatic Transmission Repair Specialist

### Certificate in Applied Science

#### Credit Requirements: 11 Semester Credit Hours

The Automatic Transmission Repair Specialist certificate program provides instruction on the theory, service and repair of automobile manual and automatic transmissions, and transaxle and conventional drive axles. Graduates of this program should be able to perform most phases of transmission repair including diagnosis, disassembly, measurement, preassembly checks, reassembly and unit testing. Graduates with the required work experience should be prepared for the ASE certification tests in Automatic Transmission and Transaxle and Manual Drive Train and Axles.

Admission into this program requires a valid driver's license and 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 – Spring

AUT 152	Automatic Transmission	4
AUT 153	Automatic Transmission Diagnosis	3
		<b>Total 7</b>

#### Second Semester – Summer

*AUT 252	Advanced Automatic Transmission	4
		<b>Total 4</b>

\* Prerequisite AUT 152