Admission into this program requires proof of high school graduation or GED and qualifying scores on SAT, ACT or the TTC placement test.

**Recommended Sequence of Courses**

**First Semester – Fall**
- HRT 125 Soils 4
- HRT 144 Plant Pests 3
- HRT 106 Ornaments 2
  **Total 9**

**Second Semester – Spring**
- HRT 240 Pesticides 4
- HRT 107 Woody Ornaments 3
  **Total 7**

**Third Semester – Summer**
- HRT 150 Arboriculture I 3
- HRT 121 Commercial Irrigation 3
- CWE 113 Cooperative Work Experience 3
  **Total 9**

### Athletic Field Maintenance

**Certificate in Applied Science**

**Credit Requirements: 20 Semester Credit Hours**

This certificate addresses current needs for the maintenance of athletic fields, including football, baseball and soccer. Students would be trained to maintain turf in addition to the specialty skills required of athletic fields.

Admission into this program requires proof of high school graduation (or GED) and qualifying scores on SAT, ACT or the TTC placement test.

**Recommended Sequence of Courses**

**First Semester – Fall**
- HRT 125 Soils 4
- HRT 144 Plant Pests 3
- HRT 241 Turf Management 3
  **Total 10**

**Second Semester – Spring**
- HRT 240 Pesticides 4
  **Total 4**

**Third Semester – Summer**
- HRT 121 Commercial Irrigation 3
- CWE 113 Cooperative Work Experience 3
  **Total 6**

### Automotive Servicing

**Certificate in Applied Science**

**Credit Requirements: 39 Semester Credit Hours**

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 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 – Fall**
- AUT 101 Engine Fundamentals 3
- AUT 111 Brakes 3
- AUT 131 Electrical Systems 3
- AUT 133 Electrical Fundamentals 3
  **Total 12**

**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
  **Total 15**

**Third Semester – Summer**
- AUT 116 Manual Transmission and Axle 4
- AUT 122 Suspension and Alignment 4
- AUT 152 Automatic Transmission 4
  **Total 12**

Important information about the educational debt, earnings, and completion rates of students who attended this program can be found in section D.
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 – Fall
- AUT 101 Engine Fundamentals 3
- AUT 133 Electrical Fundamentals 3

**Total 6**

### Second Semester – Spring
- AUT 122 Suspension and Alignment 4
- AUT 131 Electrical Systems 3

**Total 7**

### Third Semester – Summer
- AUT 111 Brakes 3
- AUT 241 Automotive Air Conditioning 4

**Total 7**

### Fourth Semester – Fall
- AUT 116 Manual Transmission and Axle 4
- AUT 152 Automatic Transmission 4

**Total 8**

### Fifth Semester – Spring
- AUT 145 Engine Performance 3
- AUT 149 Ignition and Fuel Systems 4

**Total 7**

### Sixth Semester – Summer
- AUT 103 Engine Reconditioning 4

**Total 4**

Important information about the educational debt, earnings, and completion rates of students who attended this program can be found in section D.

## Basic Machining and CNC Fundamentals

### Certificate in Applied Science

**Credit Requirements: 30 Semester Credit Hours**

This program introduces students to workplace safety, blueprint reading, precision measuring, basic conventional machining and CNC operations including set-up and programming. Students are prepared for entry-level employment in the metal-working industry.

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.

### Recommended Sequence of Courses

#### First Semester – Fall
- EGT 106 Print Reading and Sketching 3
- IET 223 Industrial Safety 3
- MTT 111 Machine Tool Theory and Practice I 5

**Total 11**