

**(In cooperation with and taught at WarrenTech)**

This program is a nationally certified automotive repair program (NATEF) which provides you with entry-level skills in the automotive industry or upgrading for those currently in the field. Demonstrated mastery of skills is required and all tasks must be completed to satisfy industry standards. All automotive (ASE) courses are held at the WarrenTech automotive classroom/lab. The instructors are ASE Certified Master Technicians. Consult with an automotive service technology advisor before beginning your program of study.

**Degree: Associate of Applied Science**

**Automotive Service Technology**

**Certificates:**

- Manual Drive Train and Axles
- Brake Specialist
- Automatic Transmission/Transaxles
- Suspension and Steering
- Engine Performance
- Heating and Air Conditioning
- Electrical and Electronic Systems
- Engine Repair
- Auto Parts Specialist

**AAS Degree**

**Automotive Service Technology**

A minimum of 60 credits must be taken from the following courses.

Required Courses	Credits
ASE 101 Auto Shop Orientation	2
ASE 102 Introduction to the Auto Shop	2
ASE 110 Brakes I	3
ASE 210 Brakes II	3
ASE 140 Suspension and Steering I	3
ASE 240 Suspension and Steering II	3
ASE 265 Heating and A/C	5
ASE 150 U joint and Axle Shaft Service	2
ASE 151 Manual Transmission/Transaxles	2
ASE 152 Differentials and 4WD/AWD	2
ASE 250 Auto Trans/Transaxle Service	1
ASE 251 Auto Trans/Transaxle Diagnosis	5
ASE 130 General Engine Diagnosis	2
ASE 132 Ignition System Diagnosis/Repair	2
ASE 134 Automotive Emissions	2
ASE 233 Fuel Injection/Exhaust	4
ASE 235 Drivability Diagnosis	1
ASE 120 Basic Automotive Electricity	2
ASE 123 Automotive Battery, Starting, Charging	2
ASE 221 Auto Body Electrical	4
ASE 231 Automotive Computers	2
ASE 160 Engine Removal and Install	1
ASE 161 Engine Repair and Rebuild	5

ASE 201 Automotive Parts Management	1
ASE 282 Internship: General I	0.5-6
DPM 106 Diesel Fuel System	3
<b>General Education Courses (See AAS Degree Requirements)</b>	<b>15</b>
<b>Total Credits</b>	<b>79.5</b>

**NATEF Specialty Area Certificate**

**Manual Drive Train and Axles**

Required Courses	Credits
ASE 150 U-joint and Axle Shaft Service	2
ASE 151 Manual Transmission/Transaxles	2
ASE 152 Differentials and 4WD/AWD	2
<b>Total Credits</b>	<b>6</b>

**NATEF Specialty Area Certificate**

**Brake Specialist**

Required Courses	Credits
ASE 110 Brakes I	3
ASE 210 Brakes II	3
<b>Total Credits</b>	<b>6</b>

**NATEF Specialty Area Certificate**

**Automatic Transmission/Transaxles**

Required Courses	Credits
ASE 250 Auto Trans/Transaxle Service	1
ASE 251 Auto Trans/Transaxle Diagnosis	5
<b>Total Credits</b>	<b>6</b>

**NATEF Specialty Area Certificate**

**Suspension and Steering**

Required Courses	Credits
ASE 140 Suspension and Steering I	3
ASE 240 Suspension and Steering II	3
<b>Total Credits</b>	<b>6</b>

**NATEF Specialty Area Certificate**

**Engine Performance**

Required Courses	Credits
ASE 130 General Engine Diagnosis	2
ASE 132 Ignition System Diagnosis/Repair	2
ASE 134 Automotive Emissions	2
ASE 233 Fuel Injection/Exhaust	4
ASE 235 Drivability Diagnosis	1
<b>Total Credits</b>	<b>11</b>

## **NATEF Specialty Area Certificate**

### **Heating and Air Conditioning**

<b>Required Courses</b>	<b>Credits</b>
ASE 265 Heating and A/C	5
<b>Total Credits</b>	<b>5</b>

## **NATEF Specialty Area Certificate**

### **Electrical and Electronic Systems**

<b>Required Courses</b>	<b>Credits</b>
ASE 120 Basic Automotive Electricity	2
ASE 123 Automotive Battery, Starting, Charging	2
ASE 221 Auto Body Electrical	4
ASE 231 Automotive Computers	2
<b>Total Credits</b>	<b>10</b>

## **NATEF Specialty Area Certificate**

### **Engine Repair**

<b>Required Courses</b>	<b>Credits</b>
ASE 160 Engine Removal and Install	1
ASE 161 Engine Repair and Rebuild	5
<b>Total Credits</b>	<b>6</b>

## **NATEF Specialty Area Certificate**

### **Auto Parts Specialist**

<b>Required Courses</b>	<b>Credits</b>
ASE 201 Automotive Parts Management	1
ASE 282 Internship: General I	0.5-6
<b>Total Credits</b>	<b>Minimum of 7</b>