

# Automotive Technology Instructor Required Items



Please note: The items listed are a requirement for this program. Please see your instructor for further details about when the items are needed for your program.

## **First Trimester Required Training: Student Cost \$50.00**

OSHA 10 Class

## **First Trimester Required Supplies:**

Safety Glasses

Industry Standard Uniforms

## **Second Trimester Required Tools:**

Service Cart with Locking Top & Drawers

Air Blow Gun (OSHA required) (Napa)

Battery Post Cleaner

Battery Terminal Pliers

Battery Terminal Puller

Claw Type Pickup Tool

Ear Protection

Phillips Screwdriver Set

Ratchet - 1/4 "

Spark Plug Feeler Gauge (Cap Tool)

Test Light (12V)

Torx® Set

Flashlight

Fuse Puller

Magnetic Pickup Tool & Inspection Mirror

Phillips Screwdriver Set

16 oz. Ball Peen Hammer

Rubber Mallet Hammer

Screwdriver (Blade Type):

Stubby #1

Stubby #2

6" #1

6" #2

12" #3

Offset #2

Socket Set - 1/4" Drive:

1/4" - 1/2" Standard Depth

1/4" - 1/2" Deep

5mm - 13mm Standard Depth

6mm - 13mm Deep Set

Feeler Gauge (Blade Type)

.002" - .040"

.006mm - .070mm

Combination 6" Plier

Needle Nose 6" Plier

Side Cutting Plier

## **Third Trimester Required Tools:**

Brake Spoon

Combination Wrenches: (Craftsman 9-44049)

Standard (1/4" - 1 1/4")

Metric (7mm - 24mm)

Flare Nut (tubing) Wrenches:

Socket Set - 3/8" Drive (21 piece) includes:

5/16" - 3/4" Standard Depth (6 point)

3/8" - 3/4" Deep (6 point)

5/8" Spark Plug Sockets

13/16" Spark Plug Sockets

Hack Saw  
Hammer -- Plastic Tip  
Locking Jaw Plier  
Slip Joint (Water Pump) Plier  
Straight Pry Bars 1/2 X 16  
Carbon 1" Scraper  
Gasket 1" Scraper  
Flexible Socket Set 10mm - 19mm  
Flexible Socket Set 3/8" - 3/4"  
3/8" Air Ratchet (Ingersol Rand)  
Metric 6PT 9 X 11MM, 10 X 12MM,  
13 X 14MM  
Std 6PT 1/2 X 9/16, 5/8 X 11/16, 3/8 X 7/16

### **Fourth Trimester Required Tools:**

Adjustable Wrench - 6"  
Adjustable Wrench - 12"  
Allen (Wrench or Socket) Set:  
    Standard (.050" - 3/8 ")  
    Metric (12mm)  
    Metric (2mm - 7mm 10mm,)  
Chisels & Punches: Set includes  
    Cape 5/16" #940  
    Cold 1/2", 3/4" #930  
    Center Punch #949  
    Brass Drift Punch #903  
    Pin Punch 3/32", 1/8" #906  
    Taper Punch 3/8", 1/2", 5/8" #963  
Crowfoot Wrench Set - Metric  
Crowfoot Wrench Set - Standard  
Brass Hammer  
Flip Socket Set, 3 piece

### **Fifth Trimester Required Tools:**

Files: 5 pc set  
    Mill 8", Round 8", Slim Taper 7"  
    8" Half Round  
    Hobby Rasp 8"  
Screwdriver - Impact Driver Set  
Tape Measure - Standard & Metric

Socket Set  
    10mm - 19mm Standard Depth  
    10mm - 19mm Deep  
3" Extensions  
5" Extensions  
10" Extensions  
Flexhead Ratchet  
Ratchet  
Speed Handle  
Universal Joint  
Jumper Wire Set  
( 2 wires per set x 2 sets = 4 wires)

Socket Set - 1/2" Drive:  
    7/16" - 1 1/8" Standard Depth  
    10mm - 24mm Deep  
    24mm socket  
    3" Extensions  
    6" Extensions  
    12" Extensions  
    Ratchet  
Torque Wrench 1/2" Drive (25 - 250 lb. Ft.)  
Flex Handle (Breaker Bar)  
Wire Brush  
1/2" Air Impact (Ingersol Rand)  
1/2" Impact Socket, Metric deep  
1/2" Impact Socket, Metric shallow  
1/2" Impact Socket SAE, deep  
1/2" Impact Socket, shallow

Screw Starter:  
    Phillips  
    Standard  
Torque Wrench:  
    3/8" Drive (10 - 250 lb. In.)  
    3/8" Drive (5 - 75 lb. Ft.)