



Automotive Tech.

Flexible Instruction Day

Assignment #1

Learning Standard	Automotive Technology CIP 47.0604
Task # & Description	108 Identify Career path within the Automotive Technology profession Careers and ASE Certification

CONTACT INFORMATION/ASSISTANCE

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I will be available by email and Phone 724-282-0735 Ext. 216 from 7:40-12, and 12:30-3:10 to answer your questions. Please reach out if you are having difficulty completing your assignments.

INSTRUCTIONS

All work is due on the day we return to school. This is counted towards your attendance **and** as a classroom assignment.

Read over PowerPoint slide print out and answer questions.

Name: _____

Session: _____

_____/__40__ points

Day 1

Presentations for PowerPoint

Modern Automotive Technology

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CHAPTER 2 Careers and ASE Certification

2

Objectives

- List the most common automotive careers and related fields of employment.
- Describe the types of skills needed to be a qualified automotive technician.
- Explain the specialized tasks completed by each type of auto technician.
- Summarize the ASE certification program.

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The Automotive Technician

- Diagnoses, services, and repairs cars, vans, and light trucks
 - Highly skilled
 - Well trained
 - Performs wide variety of tasks

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Automotive Technicians Perform Common Tasks from Many Trades

- Machinist
- Plumber
- Computer technician
- Electrician
- Electronic technician
- TV-radio technician
- Air conditioning technician
- Welder
- Automotive engineer

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General Job Classifications

- Apprentice
- Specialized technician
- Master technician
- Service manager



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Other Automotive Careers

- Automotive engineer
- Automotive instructor
- Service writer
- Service dispatcher
- Auto parts specialist
- Auto salesperson



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Entrepreneurship

- Entrepreneur
 - Someone who starts a business
- Good entrepreneurs
 - Are able to organize all aspects of business
 - Are effective leaders

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Preparing for a Career in Automotive Technology

- Automobile technicians require
 - Above-average math and English skills
 - Good verbal skills
- After high school, many automotive students continue training
 - Trade school
 - College

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ASE Certification

- National Institute for Automotive Service Excellence (ASE)
 - Nonprofit, nonaffiliated organization
 - Helps ensure highest standards in automotive service
- ASE certification
 - Written tests prove knowledge of automotive technology
 - Tests are voluntary in US

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Tech Tip: ASE Website

- Visit the official ASE website
 - Learn about certification programs
 - Take sample tests
 - Find other useful information

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ASE Test Categories

- Nine ASE certification tests in automobile and light truck category
- Examples of other categories
 - Collision Repair & Refinish
 - Truck Equipment
 - Transit Bus
 - Advanced Engine Performance Specialist

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Certification Status

- ASE-certified automobile technician
 - Granted for each ASE test passed
- ASE-certified master automobile technician
 - Granted after eight automobile tests are passed
- Certificates and wallet cards awarded for each test passed
 - Optional sleeve or shirt patches

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Recertification Tests

- Recertify every five years to maintain certification
- Recertification tests
 - Focus on recent developments
 - Ensure that technicians keep up with changes in technology

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Test Organization and ASE Certification

- This textbook helps you prepare for ASE certification
- End-of-chapter review material includes ASE-type questions

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Name: _____ Class: _____ Date: _____

ID: A

Day 1 Careers and ASE Certification

Completion

Complete each statement.

1. Resolving customer complaints is usually the responsibility of the _____.
2. One of the most physically demanding automotive jobs is that of _____ technician.
3. ASE tests are given year-round at over _____ test sites in the United States.
4. A(n) _____ technician often has the skills and ability to advance to the shop supervisor's position.
5. A(n) _____ specialist must know how to work safely with dangerous high-voltage electrical systems.
6. Greeting customers and preparing work orders is the job of the service consultant, also known as the service _____.
7. There are currently more than _____ million passenger vehicles used in the United States.

Short Answer

8. List the nine ASE automotive and light truck test categories.
9. On an ASE test, what is a "negative" question?
10. Which automotive and light truck test is *not* required to qualify as an ASE-certified master automotive technician?

