

Automotive Technology 6th Edition

Chapter 5 Technician Certification

Opening Your Class

KEY ELEMENT	EXAMPLES
Introduce Content	This Automotive Technology 6th text provides complete coverage of automotive components, operation, design, and troubleshooting. It correlates material to task lists specified by ASE and ASEEducation (NATEF) and emphasizes a problem-solving approach. Chapter features include Tech Tips, Frequently Asked Questions, Case Studies, Videos, Animations, and ASEEducation (NATEF) Task Sheets.
Motivate Learners	Explain how the knowledge of how something works translates into the ability to use that knowledge to figure why the engine does not work correctly and how this saves diagnosis time, which translates into more money.
State the learning objectives for the chapter or course you are about to cover and explain this is what they should be able to do as a result of attending this session or class.	Explain the chapter learning objectives to the students as listed: <ol style="list-style-type: none"> 1. Describe the automotive certifications offered by the ASE tests. 2. Explain how to register and take the ASE certification tests. 3. Describe the type of test questions asked on the certification tests. 4. Explain how to prepare to take the ASE certification tests 5. Describe Canada's apprenticeship and certification requirements. 6. Describe vehicle manufacturer certification requirements. 7. Explain why re-certification is necessary and how technicians can obtain it.
Establish the Mood or Climate	Provide a WELCOME , Avoid put downs and bad jokes.
Complete Essentials	Restrooms, breaks, registration, tests, etc.
Clarify and Establish Knowledge Base	Do a round robin of the class by going around the room and having each student give their backgrounds, years of experience, family, hobbies, career goals, or anything they want to share.

NOTE: This lesson plan is based on the 6th Edition Chapter Images found on Jim's web site @ www.jameshalderman.com

DOWNLOAD Chapter 5 Chapter Images: From

<http://www.jameshalderman.com/>

[automotive_principles.html](http://www.jameshalderman.com/automotive_principles.html) NOTE: You can use Chapter Images or possibly Power Point files:

ICONS	CH5 TECHNICIAN CERTIFICATION
	<p>1. SLIDE 1 Ch05 Technician Certification</p>
 	<p>Check for ADDITIONAL VIDEOS & ANIMATIONS @ http://www.jameshalderman.com/ WEB SITE IS CONSTANTLY UPDATED</p>
 	<p>DEMO: DIFFERENT ASE TEST QUESTIONS: SHOW THE DIFFERENT TYPES OF ASE QUESTIONS ANIMATION ASE TESTS (VIEW) (DOWNLOAD)</p>
	<p>VIDEO HTTP://WWW.YOUTUBE.COM/WATCH?V=OOMAA4EOC9S</p>
	<p>HTTP://WWW.JAMESHALDERMAN.COM/AUTOMOTIVE_PRINCIPLES.HTML DOWNLOAD</p>
	<p>DISCUSSION: how to register for ASE tests. Also ask students to discuss why they believe work experience is necessary prior to taking ASE tests?</p>
	<p>2. SLIDE 2 EXPLAIN FIGURE 5-1 A stack of ASE certification patches getting them ready to be sown on the sleeves of a work shirts</p>

ICONS	CH5 TECHNICIAN CERTIFICATION
	<p><u>EXPLAIN TECH TIP: NEVER CHANGE AN ANSWER</u> Some research has shown that your first answer is most likely to be correct. It is human nature to read too much into the question rather than accept the question as it was written.</p>
	<p><u>HOMEWORK</u> HAVE STUDENTS COMPLETE PRACTICE EXAMS AT END OF CHAPTERS 4 & 5</p>
	<p><u>HANDS-ON: ASE TECHNICIAN CERTIFICATION TASK SHEET</u></p>