# Modern Automotive Technology

7th Edition

James E. Duffy







## Modern Automotive Technology Supports STEM

- Math and measurement
- Force, work, and power
- Basic electricity and electronics
- Hydraulics and pneumatics
- Problem solving

# Modern Automotive Technology

by James E. Duffy, ©2009, 7th Edition

**Modern Automotive Technology** details the construction, operation, diagnosis, service, and repair of late-model automobiles and light trucks. This comprehensive textbook uses a building-block approach that starts with the fundamental principles of system operation and progresses gradually to complex diagnostic and service procedures. Short sentences, concise definitions, and thousands of color illustrations help students learn quickly and easily. This text provides thorough coverage of the latest developments in the automotive field, including hybrid drive systems, computer network communication, and tire pressure monitoring systems. Organized around the ASE automobile test areas, **Modern Automotive Technology** is a valuable resource for students preparing for a career in automotive technology, as well as experienced technicians preparing for the ASE certification tests.



#### Instructor's Resource CD

Contains a variety of instructional resources, including answers to all textbook and workbook questions, NATEF correlation charts, lesson plans, and transparency masters.



### Instructor's Presentations for PowerPoint

Designed to help you teach and visually reinforce the key concepts from each textbook chapter.

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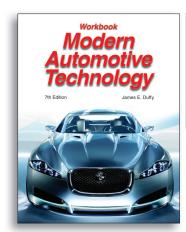
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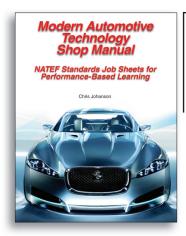
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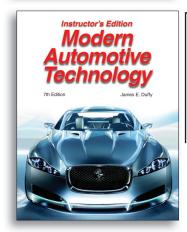
#### Workbook

Contains a variety of questions that correlate with the textbook chapters and a number of jobs to help develop hands-on service techniques and reinforce textbook content.



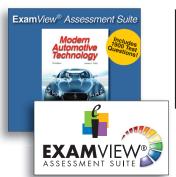
#### **Shop Manual**

Consists of 178 jobs that cover the most vital tasks listed in the NATEF Task List, making it ideal for performance-based instruction.



#### **Instructor's Edition**

Contains a variety of instructional support in the margins of each page to supplement your instruction. Includes answers to end-of-chapter review questions and ASE-type questions.



EXAMVIEW® Assessment Suite Create and print tests with ease. Choose from the 1900 test questions provided or make your own. You can even print multiple versions of the same test.

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