RESPONDING TO YOUR CALL

Year After Year
Delmar, Cengage Learning continues to provide what the fire service needs to facilitate first-class training and education for every level from Firefighter recruit to Fire Investigator and beyond. Through changing environments, evolving technologies, limited fire service budgets, and additional changes in the fire service, we are there for you in your training needs.

Ensuring Consistency and Accuracy
Our main certification-based titles follow a content validation process that helps ensure content is based on the JPR components of the NFPA standard. The LOs are validated by committees of subject-matter-experts, and serve as the foundation for the core book, curriculum, and peripheral products for that topic. They are also the basis for our new certification test banks which are then validated by a separate subject matter-expert committee and made available only to authorized certification agencies.

Going Green
We are happy to announce that going forward, most of our new emergency services books are available for digital review on the CourseSmart e-book platform. Just contact your sales rep if you would like to review our materials in a digital format! Likewise, select texts are available for purchase as ebooks on our ecommerce site, www.cengagebrain.com.

Digital Offerings
From our newly revised Firefighter Online Course to WebTutor course cartridges, Delmar offers a wealth of options to help your educational program move online. See pages 4 and 5 for more details on our various digital and online options.

Partnerships
We are excited to announce a co-publishing partnership with Firehouse Magazine and firehouse.com! Delmar will now work with Firehouse Magazine and firehouse.com authors to publish new books to meet your needs. Delmar is also pleased to partner with National Fire Academy Alumni Association, contributing a portion of proceeds from select book sales to the NFAAA foundation fund.

YOUR Fire REPS- Serving YOU Better
Our sales organization is set up to serve you best! The sales rep for your state is the same whether you’re acting on behalf of your fire department, private training agency, community college, or other organization. We know you’ll be pleased with the focus and expertise of our Emergency Services Sales Team!

Susi Baker – New Business Development Manager – susan.baker@cengage.com
Covers AL, AR, AZ, CO, FL, GA, KS, LA, NC, NE, NM, OK, TX, UT, Canada.

Erin Coffin – New Business Development Manager – erin.coffin@cengage.com
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Pam Mello – New Business Development Manager – pamela.mello@cengage.com
Covers CT, AI, IL, IN, KY, MA, MO, MS, NJ, OH, PA, RI, SC, SD, TN, VA, WV.

Laurie Sieling-Sicko – District Sales Manager, Fire, EMS, Government, Healthcare
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HALLMARKS OF OUR PUBLISHING PROGRAM

Customer Focus
Expert Contributors
Customization
Industry Commitment
Customer Service
High Quality
Technical Accuracy

OUR MATERIALS

Books. Our textbooks are written to meet the needs of learners. They are easy to read and include safety tips, stories, and other information that helps the student apply the material to real life experiences. We apply our many years of publishing experience with our authors’ expertise to provide excellent texts.

Multimedia. High-quality and award-winning videos, DVDs, and electronic products assist both learners and instructors with skills and concepts in an effective way.

Learner Support. Our student workbooks, exam prep guides, and online programs are developed to help learners study for certification and promotional testing.

Instructor Resources. We recognize the need for complete teaching packages. We provide fully editable instructor materials with nearly all of our materials. Transition guides, presentations created in PowerPoint®, and secure testbanks are among the important resources we offer. Please see descriptions of our curriculum listed with corresponding products, as well as electronic support materials on page 5.

*If you do not see what you need, just let us know. We can try to either find it for you or develop it to fit your needs.*
Delmar is committed to providing the most effective learning solutions for educating the firefighters of today. Listed here are the emergency services titles we publish that correlate to the FESHE courses for the associate degree level.

**FESHE Core Courses**

**BUILDING CONSTRUCTION FOR FIRE PREVENTION**
- Knowing Your Buildings: A Firefighter’s Reference Guide
  - Schwinge

**FIRE BEHAVIOR AND COMBUSTION**
- Fire Behavior & Combustion Processes
  - Shackelford

**FIRE PREVENTION**
- Principles of Fire Behavior
  - Quintiere
- Fire Prevention: Inspection and Code Enforcement, 3E
  - Diamantes

**FIRE PROTECTION SYSTEMS**
- Fire Protection Systems
  - Jones
- Design of Special Hazard & Fire Alarm Systems, 2E
  - Gagnon
- Design of Water-Based Fire Protection Systems
  - Gagnon

**PRINCIPLES OF FIRE AND EMERGENCY SERVICES SAFETY AND SURVIVAL**
- Firefighter Safety and Survival
  - Zimmerman

**FESHE Non-Core Courses**

**FIRE ADMINISTRATION I**
- Company Officer, 3E
  - Smoke

**FIRE INVESTIGATION I & II**
- Fire Investigation
  - Chandler

**FIRE PROTECTION HYDRAULICS & WATER SUPPLY**
- Fire Apparatus Operator: Pumper, 3E
  - Sturtevant, Sykes
- Hydraulics for Firefighting, 2E / Crapo
- Exam Preparation for Fire Pump Operations / Sturtevant

**HAZARDOUS MATERIALS CHEMISTRY**
- Hazardous Materials Chemistry, 2E
  - Bevelaqua
  - Bevelaqua

**LEGAL ASPECTS OF THE EMERGENCY SERVICES**
- Legal Considerations for Fire and Emergency Services, 2E
  - Varone

**OCCUPATIONAL HEALTH AND SAFETY**
- Occupational Safety and Health in the Emergency Services, 3E
  - Angle
- Fire Department Incident Safety Officer, 2E / Dodson

**STRATEGY AND TACTICS**
- Firefighting Strategies and Tactics, 2E
  - Angle, Harlow, Gaia, Lombardo & Maciuba
CUSTOMIZATION SERVICES

Whether you would like your organization’s logo on the cover of one of our books, just need certain chapters from one book, or even want to combine your department or state content with ours, Delmar Cengage Learning can help you create the most effective affordable solutions for your most important asset – your firefighters.

WHAT’S YOUR CHALLENGE? WE CAN HELP!

“We are updating to the latest standard and love your text but want to include our own state/local content as well.”

Custom Edition. Add your logo, key message or title to Delmar Cengage Learning books to create your own private-labeled custom training materials. This can also include adding chapters or pages of your own internal training content to further make it yours. By customizing our materials with your organization’s information, you visibly demonstrate your organization’s commitment to training.

“Our course teaches the content covered in two of your books. Can we use just what we need from each, or get a discount on both?”

Bundling Several Books Together. Obtain a discount on your total purchase by combining two or more books into a pre-packaged bundle. The books can come shrink-wrapped for easy distribution.

Selecting Material from One or More Books. Select several chapters from our library of content and rebind them into your own focused text, or even add your own content. You will be surprised at how affordable this can be.

“Our agency has our own online training system and we need content/videos to include in our online courses. Is that possible?”

Content or Multimedia Licensing. The quality and breadth of Delmar Cengage Learning’s content is extensive. All of this content is available for licensing. Why create your own content for in-house training or your intranet when you can have high-quality, accurate material from Delmar right now?

Digital Customization. Our Team of Technology Experts is ready to meet your educational needs with Customized Companion Websites; Customizable Course Cartridges in your Learning Management System or on our own Cengage-Hosted Learning Management System; and many other digital needs.

“We offer a specialized training course and can’t find texts or materials for it anywhere. Can you help?”

New Content Creation. Delmar Cengage Learning can also work with you to define your specific requirements, then find the best author or use your in-house specialists and develop the training materials you need. If you have developed in-house training or reference materials and would be interested in publishing these-We’re ready to work with you!

Delmar Cengage Learning is proud to offer customized services as well. Testbank development and test validation, curriculum development, and other services are available to state agencies and other large training organizations.

For more information, please contact your sales representative today.
ONLINE AND ELECTRONIC RESOURCES

CENTERING ON VALUE. CENTERING ON CHOICE. CENTERING ON ENGAGEMENT.

You want the best for you and your learners. Cengage Learning is committed to providing the best content and instructor support available, with the support you deserve, in the format you need. You can be confident that the resources you choose will provide excellent value as well as flexible, accessible, and reliable content. In addition to our traditional print offerings, Cengage Learning provides you with a variety of digital options for both you and your learners.

eBOOK FORMATS

Many of our print offerings are also available in digital formats. On CengageBrain.com, you can choose an eBook, purchase individual digital chapters at a fraction of the cost, or select from our suite of online assets. Learners can choose the format that suits them best — print or e-book — and realize substantial savings including our new Textbook Rental option. Many digital options can be bundled with a printed version of the text and/or ordered as a text replacement.

Talk to your sales representative today about setting up an affiliate site from CengageBrain.com so you have one central online location to send your learners for their materials!

DIGITAL REVIEW COPIES

Want to be able to review a potential book for your next course, right on your computer instead of waiting for it to arrive in the mail? No problem! Request a CourseSmart digital review copy of a text from your Cengage Learning sales representative today.

WEBTUTOR™

We offer WebTUTOR™ for select titles, in both WebCT and Blackboard platforms. WebTUTOR™ is a content rich, web-based teaching and learning aid that reinforces and clarifies complex concepts. The WebTUTOR™ platform also provides rich communication tools for instructors and students, making it much more than an online study guide.

Features include:
- Presentations of chapter objectives, lessons, and summaries
- Practice quizzes and tests organized by chapter and topic
- Email discussion and chat software enabling virtual office hours and encouraging collaborative learning environments
- Discussion topics
- Links to relevant Web sites for timely information
- An online calendar for your syllabus and other events

ONLINE COMPANION

Online Companions, available for several of our Emergency Services titles, are excellent companion Web sites that offer free resources for learners to enhance their educational experience.

Online Companions may include any of these features:
- Slides created in PowerPoint™ to enhance the content in the book
- Certification and studying tips
- Online quizzes that can be emailed to instructors
- Interactive games to test knowledge
- Illustrated Glossary featuring key terms for the topic
- Safety information and related links

For titles without WebTUTOR™, Instructor Resource content can easily be converted to WebCT or Blackboard format. Contact your sales representative for instructions.
VIDEOS AND MULTIMEDIA
Looking for technically accurate, up-to-date videos for skills refresher training? Thinking of updating your department’s video library? Need a good way to get discussions started during a professional development session? Look no further. Visit delmarfire.cengage.com to preview the multimedia listed here, and browse throughout this catalog for more details on each product. Contact your sales rep for a full preview or to purchase.

• Firefighter Skills DVD Series (see page 11)
• Hazardous Materials Skills DVD (see page 11)
• Firefighter Job Performance Requirements Animations DVD (see page 13)
• Fire Officer I & II DVD (see page 35)

FIREFIGHTER ONLINE COURSE
A comprehensive, blended electronic solution for Firefighter I & II and Hazardous Materials Awareness and Operations education. Newly revised to meet the third edition of Firefighter’s Handbook! The course interweaves text, art, narration, and animations to train firefighter candidates on the knowledge requirements for Firefighter I & II and Hazardous Materials Awareness and Operations certification, so they can be best prepared to learn the skills on-site with your training staff. See page 10 for more details.

INSTRUCTOR RESOURCES
Our standard Instructor Resources on CD are available for most of our Emergency Services titles. The elements of the Instructor Resources link directly to the text and tie together to provide a unified instructional system. Typical components include:

• Electronic Instructor’s Manual files, including lecture outlines, teaching tips, answers to text questions and case studies, skills checklists, and resource lists to accompany the text
• Computerized Testbank in ExamView format
• Image Library containing many graphics and photos from the book
• Presentations created in PowerPoint™ which outline key concepts from each chapter
• Correlation or comparison grids to national curriculum or standards are included in the Instructor Resources for select titles.

CURRICULUM CD-ROM
Curriculum CDs ensure a complete electronic teaching solution for our Firefighter’s Handbook and Company Officer text packages. See pages 8 and 9 for complete details on this very robust instructor package.

INSTRUCTOR’S GUIDE ON CD
A few titles are accompanied by an Instructor’s Guide on CD. This CD includes lesson plans, answers to questions, presentations created in PowerPoint™, quizzes in Word document format, and correlation guides as appropriate.
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NEW OPTIONS! For the third edition, we now offer three different versions of the Firefighter’s Handbook, plus a Hazardous Materials Handbook

New Features & All New Design
• “ViewPoint” boxes recognize variances across the United States and offer practical advice
• New Design features an up-to-date look
• New Photos reflect current issues, apparatus, equipment, tools and procedures
• Metric Conversions accompany all U.S. Customary/English measurements

New Initiatives in the Fire Service
• All New Chapter on Large Incident and Disaster Response
• Current Info on NIMS and fire life safety initiatives
• Revised Fire Behavior Chapter written by esteemed author Dave Dodson
• New JPRs covering special rescue and rapid intervention procedures

New Technology
• Current Info, including Voice Over Internet Protocol, GPS Technology, thermal imaging camera use in Search and Rescue, Automatic Vehicle Location (AVL) systems

Keeping You Safe
• Current Info on the dangers of synthetic construction materials burning, such as Cyanide Poisoning
• New Sections on predicting building collapse, securing building facilities, scene illumination and establishing safe work zones
• Up-to-Date Statistics from the US Fire Administration to keep you informed
• Special Section on NFFFA Life Safety Initiatives
• New Safety Practices related to Personal Protective Equipment
• New Mandates on managing air supply and performing emergency checks

Hazardous Materials & Terrorism
• Current Info on safety, latest terrorist and HazMat crimes, air monitoring, and response to radiation incidents
• New Terminology based on D.O.T. changes
• How to Respond to a Criminal/Terrorist activity

OUR VALIDATION COMMITTEE

We have developed a new process for the Firefighter’s Handbook and many of our books and training materials to further enhance the consistency and accuracy of our materials. Learning Objectives, which have been validated by a committee of subject matter experts, are included at the beginning of each chapter. The learning objectives tie all components of the learning solution (text, curriculum, test bank, supplements) to the NFPA standard providing instructors and students a pathway to meet the intent of the Job Performance Requirements.
This comprehensive training manual provides you with need to know information critical for development of Firefighter I and II skills, as well as practical advice necessary for proficiency on the job. Meeting 100% of the 2008 NFPA Standard 1001, this new edition seeks to meet and exceed the requirements for firefighting training in order to lead candidates to success on the certification exam, as well as serve as a handy reference for refresher training. Thoroughly revised by a team of respected experts in the fire service, this book touches on new practices, technology and initiatives that are a consideration for all firefighters. Current topics include large incident and disaster response, fire life safety initiatives, managing air supply, predicting building collapse, GPS technology, thermal imaging use in search and rescue, and much more!

KEY FEATURES
• Detailed guide correlates chapter content to the 2008 edition of the NFPA Standard 1001 specific Job Performance Requirements
• All-new design makes it easy to identify Firefighter I and II knowledge and skills requirements
• New step-by-step instructions in our “Job Performance Requirements”
• New “ViewPoints” boxes highlight various perspectives on current issues for a more informed overview of the fire service
• “Safety” boxes throughout the book
• New photos and illustrations focus in on the most current apparatus, equipment, tools and procedures

BUNDLE & SAVE!

ALSO AVAILABLE!
Certification Exams for Firefighter I and II
See page 60 for complete details.

SUPPORT PACKAGE FOR FIREFIGHTER’S HANDBOOK (FFHB) SERIES

Study Guide
ISBN: 978-1-4180-7322-0

Skills Sheets
ISBN: 978-1-4180-7326-8

Firefighter I & II Split Curriculum CD
ISBN: 978-1-4180-3196-1
An enhanced version of the FFHB Curriculum CD for training organizations who offer separate courses for Firefighter I and II.

Study Guide for Firefighter I & II Edition

Online Companion
Visit www.delmarfire.cengage.com to access this free resource. See page 4 for complete details.

WebTutor Advantage
For each chapter, the WebTutor Advantage will contain the following:
• Answers to chapter questions
• Chapter and JPR PowerPoints™
• Test bank (for instructors to compose and deploy tests)
• Skill sheets and candidate progress log
• Quick reference guides
• Image library
• Glossary, including text acronyms
• Games for interactive study
• Videos demonstrating firefighter skills

For other WebTutor formats or titles, please contact your sales rep.
FIREFIGHTER’S HANDBOOK: FIREFIGHTER I & FIREFIGHTER II, THIRD EDITION
Delmar


Unlike any other book available, Firefighter’s Handbook: Firefighter I & Firefighter II divides need-to-know firefighting content into separate sections for Firefighter I and Firefighter II. The book uses all the same content and features as the original Firefighter’s Handbook, so it is just as easy to use.

KEY FEATURES
• Separates out the content between FF levels I and II into different sections in the book
• Meets 100% of 2008 NFPA Standard 1001 and 2008 NFPA Standard 472
• Includes basic firefighter training, EMS, and hazardous materials operations

FIREFIGHTER’S HANDBOOK: ESSENTIALS OF FIREFIGHTING, THIRD EDITION
Delmar


KEY FEATURES
• Includes same content and features as Firefighter’s Handbook, 3E without HazMat coverage
• Updated to the 2008 NFPA Standard 1001

BUNDLE & SAVE!
Essentials Book and Skills Sheets ISBN: 978-1-111-48563-4

HAZARDOUS MATERIALS HANDBOOK
See page 46 for more information

Instructor’s Curriculum CD
ISBN: 978-1-4180-7323-7
• Presentations created in PowerPoint™ for each chapter, including graphics and photos
• Computerized Testbank containing hundreds of questions in certification style
• Image Library containing hundreds of graphics and photos from the book, for use in presentations or exams
• Electronic Files of Complete Curriculum The Instructor’s Curriculum Kit is designed to help instructors run programs according to their particular needs. It includes the Instructor’s Curriculum CD in addition to a printed binder with the following sections:
  • Administration: Overview of courses, student and instructor materials, and practical advice for instructors
  • Modularized Lesson Plans: Learning objectives, recommended time allotment, equipment and reading assignments. Outlines key concepts from each chapter with coordinating PowerPoint™ slides, textbook readings, and skill sheets
  • Equipment Checklist
  • Job Performance Requirement Skills: Checklist of important skills to meet requirements for certification
  • Progress Log Sheets: Track progress as candidates complete the required skills
  • Answers to Review Questions & Workbook Questions
  • Additional Resources: Supplemental resources for important information on various topics presented in the book

TO ORDER CALL (800) 354-9706 | ORDER ONLINE AND MORE INFO AT www.cengage.com/community/fire
The trusted content from the third edition of Firefighter’s Handbook has now been revised to truly meet Canadian firefighter needs! This Canadian Edition divides need-to-know firefighting content into separate sections for Firefighter I and Firefighter II, while meeting 100% of the 2008 NFPA Standard 1001. This book touches on new practices, technology and initiatives that are a consideration for all firefighters. Current topics include large incident and disaster response, fire life safety initiatives, managing air supply, predicting building collapse, GPS technology, thermal imaging use in search and rescue, and more! In addition, the content of this version reflects Canadian fire service history, Canadian national requirements, and includes the metric system as primary measurement method. Street Stories are specific to Canadian fire service experiences, and a cold weather firefighting tactics section has been added.

KEY FEATURES
• Eliminate confusion about Canadian requirements by using the only available Canada-specific Firefighter I and II textbook, with revisions provided by leading Canada fire training organizations
• Obtain proficiency of various hands-on skills required for certification and success on the job with the addition of new step-by-step instructions in our “Job Performance Requirements”
• Remain up to date with new photos and illustrations that focus in on the most current apparatus, equipment, tools and procedures.
• Instructors conduct training more efficiently through a corresponding curriculum that reflects the content and organization of this unique Canadian version of the Firefighter’s Handbook

CONTENTS

SUPPLEMENT
FIREFIGHTER’S HANDBOOK:  
FIREFIGHTER SKILLS DVD SERIES

Delmar

FiReFiGhTeR’S HAnDBOOK:  
FiReFiGhTeR SKILLS DVD SEriES

Perfect for Initial or Refresher Skills Training!
See video clips at www.cengage.com/community/fire

Firefighter’s Handbook: Firefighter Skills DVD Series (DVD Set), ©2009

Hazardous Materials Awareness and Operations Skills DVD, ©2009

Learning Skills by...
• visual concepts
• life-like graphics & animations
• live action fire video!

Firefighter’s Handbook: Firefighter Skills DVD Series contains a set of DVDs with clips mirroring the Skill Sheets in the Instructor’s Curriculum Kit, providing a complete package for skills drills. These DVDs contain exciting graphics, animations, and video that visually demonstrate the key skills required for certification. Practicing firefighters demonstrate the skill and an on-screen trainer discusses the skill, shows key points, provides background, and offers safety considerations. Ideal for use as a reinforcement of classroom knowledge or as a tool for preparing for drills on the training ground, the Firefighter’s Handbook: Firefighter Skills DVD Series offers the perfect enhancement to any firefighter training program.

KEY FEATURES
• Video clips approximately 5-8 minutes in length, provide critical knowledge and step by step demonstrations
• Practicing professionals share knowledge as real firefighters enact potential scenarios
• Live burns demonstrate an actual firefighting environment
• Graphics in clips include bulleted key points and safety tips
• Works on a TV DVD player or a computer DVD drive with DVD video software

Firefighter’s Handbook: Firefighter Skills DVD Series (DVD Set)
ISBN: 978-1-4283-1085-8
• Firefighter I, Part I
• Firefighter I, Part II
• Firefighter II
• Hazardous Materials: Awareness and Operations

Hazardous Materials Awareness and Operations Skills DVD
(Sold Separately)
ISBN: 978-1-4283-1089-6
A comprehensive, blended electronic solution for Firefighter I & II and Hazardous Materials Awareness and Operations education.

Learn It.
Based on the comprehensive third edition of Firefighter’s Handbook*, the course is designed to cover the didactic requirements of the courses. Each course interweaves text, art, and animations to train firefighter candidates on the knowledge requirements for Firefighter I & II and Hazardous Materials Awareness and Operations certification.

See It.
Whether used as an alternative to a classroom lecture setting or as a supplement to traditional learning environments, our Firefighter Online Course and Course on CD can greatly increase the effectiveness of your program. Used in combination with hands-on skills training, the Course provides not only lecture-based education but interactive multimedia features to provide learner-focused education and training.

Make It Yours.
This highly customizable course is designed with your needs in mind: broken into modules that make sense for real learning, with options to use just the portions you need and even to personalize the course with your state or region’s logo, content, and more!

COURSE FORMAT
• This course is available both online and on CD-ROM. The Online Course includes a full learning management system (LMS) with instructor and administrator reporting functions, and student tracking functions, and can be hosted on our server. The Course on CD contains exactly the same content and learner features, but does not include the LMS tracking capabilities.

• Based on Firefighter’s Handbook, 3E* curriculum with modularized content
• 250+ hours of course time are available to meet your hourly training requirements

COURSE FEATURES
• Truly interactive, exciting lessons include voice-over, art, and animation to keep learners engaged and attentive
• Each Job Performance Requirement (over 100 in all) includes animation or video for visual reinforcement
• Self-grading post-tests include remediation to Firefighter’s Handbook
• Secure reporting for instructors and administrators to track student progress (Online Course only)
• “Email the Instructor” feature allows instructors and students to communicate on questions or assignments (Online Course only)
• Your content and logos can be integrated to create a customized course (Online Course only)

BENEFITS FOR DEPARTMENTS AND INSTRUCTORS
• Highly flexible, modular format
• Compliments instructor-led skills training
• Increase volunteer recruitment and retention
• Limit payroll costs
• Brands your department
• Easy-to-use management
• Customizable interface

BENEFITS FOR LEARNERS
• Brings content to life
• Flexible, Web-based delivery
• Encourages communication and interactivity
• Animations reinforce hands-on training
• Self-paced learning features help learners retain knowledge
• Realistic interface is logical, professional and easy to use

INTERESTED IN THE FIREFIGHTER COURSE?
• For more information or to see a demo, please call your state’s sales rep or e-mail delmarfire@cengage.com

*Updated to the 2008 NFPA Standard 1001!
FIREFIGHTER JOB PERFORMANCE REQUIREMENTS CD-ROM

Delmar


Designed to reinforce the hands-on skills required in Firefighter I & II training, this interactive CD-ROM takes classroom training to a new level. With gaming-quality animations that present realism and detail, this CD outlines the Job Performance Requirements (JPRs) required by NFPA Standard 1001 (2006 edition) and introduced in the Firefighter’s Handbook: Essentials of Firefighting & Emergency Response, 2E. A flexible format allows the CD to be used by an individual firefighter candidate as a learning tool, a firefighter for monthly training, or by an instructor to incorporate into classroom PowerPoint™ or other presentations.

KEY FEATURES
• Contains over 100 animations representing the JPRs in the Firefighter’s Handbook, 2E and as outlined by the Standard 1001, the CD reinforces valuable skills essential to success on the firefighter certification exam
• Combining narration with animation, the CD uses a step-by-step approach to each JPR, walking users through the required tasks to ensure accomplishment of each skill, while also including a complete printable script for review
• Interactive features allows users to select the desired JPR for necessary instruction and pause as needed for further clarification on each step
• The CD can be networked for multiple users, providing a flexible training option
• Animations can be inserted into PowerPoint™ presentations

RAPID INTERVENTION COMPANY OPERATIONS

Michael R. Mason & Jeffrey S. Pindelski


The numerous risks faced by today’s fire service dictate that well trained and skilled firefighters be available to rescue one of their own. This new book serves as a ‘one stop’ reference for all aspects of rapid intervention operations, outfitting fire service personnel with the techniques and procedures they need to effectively take charge of rescue situations. Unique coverage presents more than one viewpoint or technique for critical skills, effectively arming readers with an awareness to try alternative techniques when a first attempt might not work. Safety is discussed at length and integrated throughout all rapid intervention topics.

KEY FEATURES
• Techniques have been developed as a result of real incidents, and have been tested, reviewed, proven, and accepted by top instructors nationwide
• Concise explanations and step-by-step photo sequences clearly exemplify essential life saving procedures
• Reality-based checklists and model guidelines can be put to immediate use within any rapid intervention company operation
• Thought provoking “Case Studies” at the beginning of each chapter introduce valuable lessons to be learned while promoting critical thinking

SUPPLEMENT
Instructor Resources ISBN: 978-1-4018-9504-4

ABOUT THE AUTHORS
Michael R. Mason is a 23-year veteran of the fire service and is a Certified Instructor III and Fire Officer II, as well as a staff instructor for the Downers Grove Fire Academy. Jeffrey S. Pindelski is currently a Battalion Chief with the Downers Grove Fire Department in Illinois.
Promote good health and safe practices in your fire department with the simple fitness program outlined in Firefighter’s Fitness Handbook. Beneficial to both the individual firefighter as well as the entire department, this book provides a total health evaluation and fitness program designed specifically for firefighters. This book focuses on the special needs of the firefighter and is built around the joint labor management Wellness-Fitness Initiative (WFI). It’s compatible with both the NFPA standard 1583, and the 16 Firefighter Life Safety Initiatives.

The book covers the stress levels and physical risks inherent to the job itself, and identifies the principles of successful fitness program design to help firefighters evaluate their own health, fitness levels and program goals. Proper nutrition, the importance of mental training and a look at common firefighter injuries illustrates the critical role that physical fitness plays in the success and well-being of our nation’s firefighters.

**KEY FEATURES**

- Develop a wellness culture within your department to promote health and safety among firefighters and minimize injury and death on the fireground
- Determine health status and starting points for exercises with health evaluation and biometric screening guides
- Find information on selection and purchase of fitness equipment for the specific needs of your fire department
- Record and track progress with health and fitness tracking charts

**CONTENTS**


**SUPPLEMENT**


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**ABOUT THE AUTHORS**

**Al Wasser** received his M.S. degree from Colorado State University. He is a certified Strength and Conditioning Specialist and is an American Council on Exercise Gold Certified Personal Trainer. A member of the National Strength & Conditioning Association, Al Wasser is also a Fitness Coordinator for Red Rocks Community College.

**Andrea Walter** is a firefighter/technician with the Metropolitan Washington Airports Authority and a life member and former officer of the Sterling Volunteer Rescue Squad. She has been active in the fire and emergency services community for over twenty years and has served as the Manager of the Commission on Fire Accreditation International for the International Association of Fire Chiefs. She has assisted in a variety of projects with the National Volunteer Fire Council, Women in the Fire Service, and the United States Fire Administration.
Practice safe procedures when responding to highway incidents with *Highway Scene Safety*. A valuable learning tool for emergency response safety courses or as a handy reference manual for the field, this book focuses on operational guidelines necessary to conducting effective highway management while on the scene of the incident. Emphasizing the need to reduce line of duty deaths for all emergency responders, this book covers pre-planning, the national incident command system, governing laws, interagency communications, personal protective clothing, roadway considerations and other topics required for a safe response.

**KEY FEATURES**

- An entire chapter is devoted to how, when, and where flagging operations should be conducted
- Discusses current laws regarding highway incidents, including D.O.T., Vehicle and Traffic, and the Manual on Uniform Traffic Control Device (MUTCD) Laws
- Addresses the National Incident Command System, and stresses the importance of working and planning with other agencies
- Addresses some of the challenges of conducting operations on the highway, such as helicopter landings, maintaining needs of stopped traffic, placement of signage and more
- Provides practical guidelines for outlining the traffic management scene on each type of roadway and situation

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**SUPPLEMENT**

Now in a striking four-color format, *Introduction to Fire Protection, 4th Edition* reflects the latest FESHE outlines and NFPA fire codes and ordinances as it covers the entire process of becoming a firefighter. Emphasizing the vital skills needed by successful firefighters, the text includes up-to-the-minute coverage of incident effectiveness, customer service, physical fitness, training, and fire prevention. It provides thoroughly updated statistics and covers such cutting-edge issues as homeland security, goal setting, life safety initiatives, recent laws affecting firefighters, fire fighter emergency decision making, and other developments from the field. Written by a widely respected firefighter instructor and authority, this comprehensive resource provides all the necessary tools for individuals seeking a career in the fire service.

**NEW TO THE EDITION**

- Now in a vibrant 4-color format, the cutting-edge new Fourth Edition includes the most current statistics available and reflects the latest practices from the field. It replaces black and white illustrations with full-color photos and graphics
- Offers expanded sections on such key topics as Firefighter Life Safety Initiatives and the Courage to be Safe program. It also includes an expanded review of ICS 100
- NIMS terminology is used throughout
- A new section offers valuable insight on firefighter emergency decision making, a critical element of firefighter effectiveness and safety
- References to Fire Prevention Inspection have been changed to Fire Prevention Surveys to be consistent with NFPA terminology
- The Online Instructor Companion Site includes video clips from the new Firefighter’s Handbook Firefighter Skills DVD Series to enhance the PowerPoint presentation
- Covers the new core course developed on Firefighter Safety and Survival and also adds the Sixteen Initiatives with additional information

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**SUPPLEMENTS**

Instructor Resources ISBN: 978-1-4390-5841-1
WebTUTOR™ Advantage for Blackboard ISBN: 978-1-4390-5839-8
WebTUTOR™ Advantage for Angel ISBN: 978-1-4390-5840-4
FIREFIGHTER SAFETY AND SURVIVAL
Don Zimmerman
Firefighter Safety and Survival introduces and explains the history and principles of the 16 Firefighter Life Safety Initiatives. This text was developed using the Fire and Emergency Services Higher Education (FESHE) outcomes and outlines from the Firefighter Safety and Survival model curriculum. Firefighter Safety and Survival provides examples of situations from the fire service, as well as other high-risk industries, describes the incident, and then explains how it is applicable to the specific Initiative and what can be done to stay safe in similar situations.

SUPPLEMENTS
Instructor Resources ISBN: 978-1-111-30661-8

WILDLAND FIREFIGHTING PRACTICES
Joseph D. Lowe
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SUPPLEMENT

PRINCIPLES OF FIRE BEHAVIOR
James G. Quintiere
CONTENTS

SUPPLEMENT

GENERAL AVIATION FIREFIGHTING FOR STRUCTURAL FIREFIGHTERS
William R. Tackett
CONTENTS

SUPPLEMENT
Instructor’s Manual ISBN: 978-0-7668-0407-4
FIRE BEHAVIOR
AND COMBUSTION PROCESSES
Ray Shackelford, Andrea Walter

Achieve a clear understanding of fire and combustion processes as they relate to the firefighter in this reader-friendly and concise book. Fire Behavior and Combustion Processes applies the theory of fire behavior to the tasks involved in firefighting. Rather than an engineering level text, this resource offers basic need to know information and examples to teach firefighters and students how the theories relate to their jobs and safety, whether they are working in a burning building or on a vehicle extrication. Based on the National Fire Academy FESHE course Fire Behavior and Combustion Processes, this book is essential to fire programs in colleges, academies and departments.

CONTENTS

SUPPLEMENTS

ABOUT THE AUTHORS
Ray Shackelford is a professor at California State University at Los Angeles and a retired fire chief with over 35 years of experience.

AIRCRAFT ACCIDENTS:
A PRACTICAL GUIDE FOR RESPONDERS
Jim Anderson, Robert Gill, & Jeff Hawkins

This straightforward guidebook prepares emergency responders for the successful response & management of aircraft accidents in their communities. Readers will learn about airplane anatomy in simplified terms, enabling them to communicate & work effectively with the various agencies involved in a fire, crash, and post-fire environment. Topics include establishing a National Defense Area at military plane crashes, controlling large fuel fires, and creating safe landing zones for helicopter operations, with valuable refresher information on such safety issues as blood borne pathogens. Vivid, real-life case histories give accounts of aircraft accidents in easy-to-understand terms that are relevant to an array of emergency and disaster responders, including non-airport firefighters.

CONTENTS

SUPPLEMENT

ABOUT THE AUTHORS
Jim Anderson is with the University of Utah.
Robert Gill is fire chief of the Central Calvares Fire Protection District in CA. He has over 25 years of experience in Air Force fire protection and was California Firefighter of the Year in 2001.
Jeff Hawkins served in Iraq at the WSI Fire Dept.
Welcome to the world of firefighting – the camaraderie, the challenges, the defeats, and the triumphs. Within these pages walk alongside firefighters and fire officers as they fight fires, face career-altering decisions, and learn critical lessons that forever change their perception on what it means to be a firefighter. Chicago Battalion Chief and 28-year service member Steve Chikerotis shares stories drawn from some of the most respected firefighters in the nation to convey valuable lessons on safety, risk management, education and awareness. Over 45 exciting short stories unfold each heart-pounding incident, promoting the development of crucial life-saving instincts and leadership skills as well as inviting readers to develop a sense of appreciation for the life of a firefighter.

KEY FEATURES
• Stories are true depictions of actual events that seek to teach the importance of learning from past and current events to prevent accidents and fatalities in the future
• Each short story is accompanied by a summary of the lessons learned to allow readers to focus on the decisions and attitudes that influence the outcome of an incident – great for promotional lists
• Discussion questions encourage aspiring and experienced firefighters to develop critical problem-solving skills in order to promote safety, professionalism, and leadership on the job
• Photos and diagrams from the actual events accompany the stories, providing a sense of realism as each firefighter tells his or her story
• A list of “firefighter lingo” and accompanying definitions is provided as a reference to readers who may not be familiar with the fire service but wish to fully appreciate and understand the stories

CONTENTS

ABOUT THE AUTHOR
Steve Chikerotis is a Battalion Chief and a 28-year member of the Chicago Fire Department & Local 2 International Firefighters Union Teacher in Fire Science Program at Harold Washington College. He has been a Fire Service Instructor for 17 years. Mr. Chikerotis was a former Chief of Fire Academy Operations and Assistant Director of Training/Chicago Fire Department. He has been a safety Officer and Technical Advisor for several Motion Pictures & Television shows.
KNOWING YOUR BUILDINGS:
A FIREFIGHTER’S REFERENCE GUIDE
Craig Schwinge


Stay focused on firefighter safety with Building Construction: Knowing Your Buildings. An illustrative guide to building construction terms and concepts, this book is a valuable companion for students as well as a handy reference for practicing fire service professionals. The book opens with a chapter dedicated to risk management at structure fires and an overview of building construction basics to emphasize the importance of firefighter safety in incident response. In the following A-Z chapters, terms and definitions are organized alphabetically and include photos, diagrams, drawings and charts to clearly explain and provide visual examples of building construction materials and techniques. Safety points are also highlighted throughout the book to explain the connection between building construction materials, fire growth and ultimately the safety of responding firefighters and fire officers.

KEY FEATURES
• Emphasis On Safety: Includes an opening chapter on Risk Management, as well as highlights important safety points throughout the book to emphasize the connection between building construction materials and techniques, fire growth, and firefighter safety.
• Alphabetically Structured: The alphabetical organization makes this book a quick an easy reference for students and practicing professionals.
• Cross-References: Cross-referencing directs students to additional information by providing links between related terms and concepts.
• Flexible & Lifelong Resource: This is an excellent resource for any building construction class or seminar, and also a resource tool that can be used throughout one’s fire service career.
• Additional Resources: Included as an Appendix, this list of organizations, websites books, periodicals and other media helps readers find additional information on related topics.

CONTENTS

SUPPLEMENT

ABOUT THE AUTHOR
Craig Schwinge has served the San Jose California Fire Department for 25 years and currently holds the rank of Captain and is assigned as Public Information Officer. In addition, he is an instructor with Cabrillo College, which is involved with training new recruits from the surrounding areas.

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CASE STUDIES FOR EMERGENCY RESPONDERS: THE PSYCHOSOCIAL, ETHICAL, AND LEADERSHIP DIMENSIONS

S. Joseph Woodall, Pd.D., Jeffrey A. Thomas, Psy.D.

192 pp, 5-1/2”x8-1/2”, SC, 1-Color ©2011

Case Studies For The Emergency Responder: Psychosocial, Ethical and Leadership Dimensions, 1E is designed to demonstrate how interpersonal challenges of emergency medical response personnel and the people they serve can be proactively addressed and effectively conquered.

Appropriate for practicing professionals and students alike, this book features case studies spanning a variety of topics. Case Studies throughout the book encourage readers to problem solve by providing examples that show how certain decisions can either positively or negatively affect the final outcome of a variety of emergency situations.

This book is designed so readers can learn from both positive and negative decisions. It shows the affects of short-sighted, mundane and unprofessional interactions with patients, between team members and with other public safety agencies – and the impact they may have. Case studies provided allow the reader to build knowledge and reflect, leading to meaningful discussions and dialogue in a variety of environments.

KEY FEATURES
• Problem Solving” sections provide a decision making formula to assist the reader in evaluating situations and making appropriate decisions
• “Rest of the Story” sections help readers work their way through the ‘problem solving’ portion by providing them with the ‘rest of the story’ to give them more perspective for the next section
• “Discussion” sections aid readers in exploring different outcomes and observations for each case study, and ask probing questions designed to draw out critical discussion
• “Skill Building” sections carefully work through a series of tips and insights that provide readers with new skills
• Case Studies provide multiple suggestions on how to handle an emergency situation, encouraging readers to think by providing examples that show how decisions can positively or negatively affect the outcome and impact their job

CONTENTS

Available Digitally at www.cengage.com/community/fire
MASTERING THE CPAT: A COMPREHENSIVE GUIDE
Al Wasser, Donna Kimble


This exceptional resource provides aspiring firefighters with the information needed to pass the Candidate Physical Ability Test. It begins by exploring the background and development of the test, including the role the CPAT plays in the Wellness Fitness Initiative. Principles of designing and implementing an effective training program are outlined, followed by the roles that physical testing, nutrition, fitness concepts, and mental focusing techniques play in successful CPAT preparation. Finally, each CPAT event is discussed, including approaches and strategies designed to meet challenges.

KEY FEATURES
• Each event is broken down into a separate module allowing candidates to focus on learning, practicing, and excelling on the individual techniques that will lead to success on the final test
• Coverage of the important concept of periodization shows candidates how to plan their training so that they are in peak condition for the test
• Comparative methods of practicing and training programs varying in length are outlined for candidates who may not have access to traditional exercise equipment or may face time constraints, allowing each candidate the opportunity to excel on the test
• Each chapter contains a “Performance Planning Chart” that enables candidates to develop step-by-step, customized training plans to suit their needs
• “Performance Points” & “Case Studies” highlight expert advice on training and provide tips for success
• An Instructor Resources CD is available to instructors, and includes Answers to Review Questions, presentations created in PowerPoint®, a Testbank, Image Library, and electronic versions of the planning charts

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SUPPLEMENT

“[The book] is very complete… it is a tool to be successful and not just pass the CPAT event, but obtain the objective of the program by being physically fit enough for the position of Firefighter.”

– Ben Andrews, Assistant Chief, Clallam County Fire District, Operations & Training

ABOUT THE AUTHORS
Al Wasser is the fitness coordinator at Red Rocks Community College. He has more than fourteen years of training experience, and developed Red Rocks’ course on CPAT Preparation in conjunction with a local fire department. He is an ACE gold-certified personal trainer and holds the ACE clinical exercise specialist certification as well.

Donna Kimble is an eighteen-year veteran of Westminster Fire Department in Colorado; she is currently a Fire Lieutenant and active in their department fitness program. Donna is a certified Personal Trainer and a certified Peer Fitness Trainer. She also holds a Bachelor of Science in Recreation Administration, and is a certified Paramedic.

TO ORDER CALL (800) 354-9706 | ORDER ONLINE AND MORE INFO AT www.cengage.com/community/fire
STUDY GUIDE FOR THE FIREFIGHTER INTERVIEW
Shawn Cooligan, Keith Manser


The goal of this insightful book is to prepare aspiring and current firefighters for effective and professional fire department entrance interviews. Practical topics such as recommended attire, language choice, and appropriate responses prepare you for presenting in an interview, while topics such as formulating an answer, developing alternatives and options, and avoiding common interview errors help you face the challenges of the question and answer session. The book describes the importance of interview preparation and outlines several areas that require background knowledge and research. It also provides a framework to structure your overall preparation in order to avoid canned answers and emphasize your unique qualifications, leading to success in acquiring the job.

CONTENTS
Introduction, Chapter One – Understanding the Fire Department Interview The Steps to Success: Understanding the Hiring Process, Interview Trends and Practices, Expectations of the Panel, Types of Interview Questions, Analyzing the Four Types of Interview Questions, Chapter Two – Preparing for the Interview, Preparing for the 4 Types of Interview Questions, Know Your Fire Department and City, Projecting a Professional Image, Guidance to Answering an Assortment of Interview Questions, Avoiding Interview Pitfalls, Ten Steps of Interview Preparation, Mock Interview, Chapter Three – Work Exercises Desirable Firefighter Character Traits, Demonstration of Firefighter Character Traits, Competency Category Questions, Developing the Situational Question, Know the Fire Department – Work Sheet, Know the City Work Sheet, 100 Interview Questions, Mock Interview – Work Sheet, Appendix A – Interview Question Worksheets; Appendix B – Post Interview Notes.

SUPPLEMENT

ABOUT THE AUTHORS
Acting Captain Shawn Cooligan is a certified Trainer Facilitator with the Fire Marshal’s Office and has been teaching at the fire academy for 3 years.

Captain Keith Manser has over 21 years on the job, and experience with hiring, promotional and upgrading boards, he brings both knowledge of interview mechanics and presentation skills to the table.

FIRE DEPARTMENT INTERVIEW TACTICS
Gene Mahoney


Actively participate in each phase of the interview process outlined in this book and you’ll be on your way to achieving success on your fire department interview! Focused on both the entrance, as well as the promotional interview, this training manual features a thorough explanation of the fire department oral interview process — from the examination announcement and eligibility list to resume guidelines and post-interview procedures. Helpful methods for fielding firefighting questions and developing problem-solving skills are also highlighted. A valuable practice section at the end of the book arms readers with the “do’s” and “don’ts” they need to make a good first impression while avoiding common pitfalls during the interview process.

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SUPPLEMENT
Instructor Resources ISBN: 978-1-4180-3005-6

ABOUT THE AUTHOR
Gene Mahoney is retired from duty at several California fire departments, including Los Angeles, Arcadia and others as he moved on to successive promotions and the rank of chief.
GALE’S CUSTOM JOURNALS DATABASE
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Customized portions of the world-renowned Gale journal database can now be bundled with Delmar, Cengage Learning Fire books. Intended to be a 24/7 online library reference of the latest information and research in this topic area, this Custom Journals Database is a tool for learners who desire additional resources and research beyond the scope of their textbooks.

KEY FEATURES
• Material is drawn from magazines, academic journals, books, news, and multimedia
• Digital access allows easy-to-use, powerful search capabilities for an excellent reference tool
• Current articles help learners prepare for careers by way of industry journal information
• Additional tools including citation tools, downloads, and even translation features help students use the material in their research

ABOUT THE AUTHOR
Gale®, Cengage Learning is best known for its accurate and authoritative reference content. The company creates and maintains hundreds of databases that are published online and in print.
This revised edition of *Hydraulics for Firefighting* effectively teaches hydraulics by addressing the underlying science in a basic, understandable way. Each chapter builds on the last in the author’s logical, systematic approach. The book is ideal for college level courses correlating with the course objectives of the Fire and Emergency Services in Higher Education (FESHE) model curriculum, but is also an excellent solution for fire departments and fire academies training new pump operators. The simplification of this complex subject, including the updating of formulae, makes the text usable for both rookie and veteran firefighters, and those preparing for promotional examinations. New features of this edition include: steps of pump operation, testing fire pumps, calculating hose lengths for foam eductors, and an expanded rural water supply section.

**KEY FEATURES**
- Updated to 2003 Edition of NFPA Standard 1002 for Driver/Operators
- Designed to present a thorough study of the subject providing the learner a complete understanding of hydraulics
- Theories and examples are based on real-life situations making them come to life for the reader
- Plentiful review questions and problems for reader’s self testing and practice

**CONTENTS**

**SUPPLEMENT**
Instructor Resources ISBN: 978-1-4180-6403-7
FIRE APPARATUS OPERATOR: PUMPER,
THIRD EDITION
Tom Sturtevant, Howard Sykes

Practical and straight-forward, including all new step-by-step skills, Fire Apparatus Operator: Pumper, 3E meets the intent of Chapter 5 of the NFPA 1002, 2009 Edition. Boasting a full-color design with enhanced photos and graphics, the third edition steps the reader through the basics of driving, pump operations and maintenance before moving on to the specifics of hydraulics and the calculations required for on scene operations. With expanded coverage on safe driving practices and driver requirements as well as a special section on rural pump operations, this book is a necessary training manual for aspiring driver/operators as well as a handy resource for practicing pump operators.

NEW TO THE EDITION
• Compliance with Chapter 5 of the NFPA Standard 1002,2009 Edition with all new validated learning objectives. A correlation Grid can be found at the front of the book highlighting chapters and pages where content meets each of the job performance requirements for driver/operator
• Full-color design with enhanced photos and graphics highlight a new practical, skills-based approach to facilitate learning
• All new Skills with step by step photos and graphics accompanied by detailed explanations illustrate the tasks required for driver/operator certification
• Driver safety, including an all-new section on emergency vehicle driving operations, emphasizes the National Fallen Firefighters Foundation initiatives to reduce firefighter fatalities

CONTENTS

SUPPLEMENT

ABOUT THE AUTHORS
Dr. Thomas B. Sturtevant is an Associate Division Director with the Texas Engineering Extension Service’s Urban Search and Rescue Program and is a member of Texas Task Force 1. He has written textbooks, assessed foreign emergency response training programs, managed training and educational programs, and served on several national Boards. He is a certified Fire Protection Specialist and has an Education Doctorate in Leadership for Teaching & Learning, as well as a Masters in Public Administration from the University of Tennessee. His research/consulting efforts focus on program evaluation and emergency service professional development.

Howard Sykes is the paid full-time chief of the Lebanon Volunteer Fire Department, a combination department with full-time, part-time and volunteer members which serves a suburban community in northern Durham County North Carolina. Chief Sykes started his fire service career as a volunteer member of the Pelham Fire Department, a combination department just north of New York City, and was a member of the Pompano Highlands Fire Department in Florida before joining Lebanon. Howard teaches various firefighter I & II class, emergency vehicle driver and driver/operator pumps classes through the North Carolina Community College system. Howard Sykes has a BS in Computer Science with an unofficial minor in electrical engineering from the State University of New York at Stony Brook and a Masters in Project Management from George Washington University. Howard has lectured worldwide, worked in an executive briefing center and has been responsible for resolving critical customer problems.
Exam Preparation for Fire Pump Operations provides the necessary review of the 2003 Edition NFPA Standard 1002 requirements. Based on Bloom’s Taxonomy, and a complementary companion to the Introduction to Fire Pump Operations, 2nd Edition text, the book guides the learner through various phases of testing, beginning with comprehension questions, application and analysis, and then following up with evaluation questions. Each phase includes three, 100 question exams to allow learners to practice answering questions at each level, as well as target areas needed for further study. The answers are provided following each exam, and each question is accompanied by references to the Introduction to Fire Pump Operations, 2nd Edition, the NFPA Standard 1002, 2003 Edition, as well as insightful rationale that encourages self-study. A final exam consisting of 200 questions of the various types is also included at the end of the book, once learners have mastered the previous levels.

Key Features

• A chapter on test-taking strategies is included at the beginning of the book, providing learners with helpful hints and tips before diving into the practice exams
• Each phase builds on the previous phase, from simple to more complex questions, placing learners in an excellent position to score successfully on their certification exam
• An extensive amount of questions provides a comprehensive study guide, so that learners receive plenty of practice prior to the day of their exam
• A CD containing all exams in a computerized format, as well as a bonus final exam allows learners an additional option for self-study

About the Author

Dr. Thomas B. Sturtevant is a Program Manager for the Emergency Services Training Institute (ESTI) at Texas A&M University System. He is currently responsible for ESTI’s ProBoard accreditation/certification and curriculum development program, the Department of Defense Emergency Services Training and Education program, as well as the Emergency Management Administration online Bachelor degree program with West Texas A&M University. He is a Certified Fire Protection Specialist and has an Education Doctorate in Leadership for Teaching and Learning, as well as a Masters in Public Administration from the University of Tennessee.

isbn-13: 978-1-4180-2088-0  400 pp, 8 1/2”x11”, SC, 1-Color ©2007
ABOUT THE AUTHOR
Timothy Bradley holds a Bachelor of Science Degree in Fire and Safety Engineering Technology and an Associate Degree in Electronic Engineering Technology. He is a graduate of the National Fire Academy’s Executive Fire Officer Program. Tim is recognized as a Fellow (FiFireE) by the Institute of Fire Engineers. He has been a Certified Fire and Rescue Instructor since 1980, teaching in departments across the state and country. He holds certifications as a Firefighter; Rescue Technician; Fire Apparatus Driver/Operator; Life Safety Educator; Hazardous Materials Responder; Fire/Arson Investigator; and Fire Officer. Mr. Bradley chaired the National Fire Protection Associations Professional Qualification Committee for Fire Instructor for 15 years and served as Chairman of the Board of Governors for the International Fire Service Accreditation Congress (IFSAC) for 14 years. He is a member of the Executive Board of the National Association of State Fire Marshals; the NC Board of Examiners for Electrical Contractors; the International Accreditation Society Board; and serves on the Advisory Board of the NC Jaycee Burn Center. Mr. Bradley has been awarded numerous awards including North Carolina’s Firefighter of the Year Award, the Firehouse Magazines Heroism Award, the State Employee Award of Excellence, and the J. Faherty Casey Award.

FIRE MARSHAL’S HANDBOOK
Tim Bradley


Essential for training the new Fire Marshal or as a reference for an experienced Fire Marshal, the Fire Marshal’s Handbook is designed to meet the intent of the 2012 Edition of NFPA Standard 1037, Professional Qualifications for the Fire Marshal. Utilizing a practical approach based on experience, the author provides an overview of the various programs that a Fire Marshal might be required to manage, offers guidance for managing these programs, and provides information on various ways Fire Marshals can make a difference within their communities.

KEY FEATURES
• Directly correlates to the 2012 Edition of NFPA Standard 1037 in addition to providing practical advice for proficiency on the job
• Focuses on important leadership skills, such as personnel management, effective communication, risk management, and training, so that new Fire Marshals can hit the ground running, while more experienced Fire Marshals can sharpen their skills
• Shares realistic insight into the Fire Marshal position with the inclusion of Case Studies, enabling Fire Marshals to learn from the experiences of others
• Presents current information on special topics, including injury prevention and education, collaborating with other agencies, and responding within the framework of the National Incident Management System so that Fire Marshals remain well-informed

CONTENTS
Management And Leadership; Defining Fire Marshal Communities; Personnel Management; Communicating Effectively; Inspections And Code Enforcement; Fire Investigation And Analysis; Risk Management And Planning; Training; Injury Prevention Education And Programs; Related Program Areas.

SUPPLEMENTS
Instructor Resources ISBN: 978-1-4283-6081-5
Taking the approach that experience is the best teacher, *Large Scale Incident Management* is the first book of its kind to use a major, real-life, contemporary event to teach key incident management concepts. The book places readers in the Incident Commander seat for the EQ chemical fires that occurred in Apex, North Carolina, in October 2006: an event that lasted three days, shut down an entire city, and displaced 17,000 citizens. Using this large-scale incident as a running example of how critical components of successful incident management are actually applied in real life, it provides detailed insight into important topics in the field. Coverage begins with pre-planning and preparation, emergency plan development, and conducting community hazard assessments, and then progresses to implementation of the National Incident Management System (NIMS) as a part of daily operations, incident action plans, and complex NIMS for large catastrophic events. With this unique, real-life approach, the book is both engaging and instructional, leaving readers with a solid understanding, not only of large scale incident management concepts, but also how to apply them.

**KEY FEATURES**
- Pictorial of the event provides visualizations that allow readers to relate to the event
- Uses clear, easy-to-read terminology for better comprehension
- Sample documents are included to help officials guide their own communities’ plan development

**CONTENTS**

**ABOUT THE AUTHOR**
Mark Haraway holds a Bachelor of Science degree in Fire Safety Management and is the Fire Chief in the Town of Apex located in Apex, North Carolina.
Based on the 2009 Edition of NFPA 1021, Standard for Fire Officer Professional Competency, the third edition of *Company Officer* provides vital information for those who seek certification as Fire Officer I or II. Newly revised, this book clearly highlights the content for each of these two officer levels in order to enable instructors to easily separate out content based on program needs. Learning objectives in this new edition were also validated by a committee of experts from the field, to ensure that content meets the intent of the Standard for these two operational levels. To remain current in the field, content was thoroughly reviewed and updated to reflect new technology, practices and terminology, as well to focus on issues critical to the fire officer today – budgeting, labor management and legal implications of actions. In the tradition of previous editions, *Company Officer, 3E* continues to provide valuable insight and advice for aspiring and current fire officers alike.

KEY FEATURES

- Ensure NFPA Standard compliancy with the detailed guide included in this book, which correlates validated learning objectives and chapter content and corresponding page numbers to the 2009 edition of NFPA Standard 1201
- Easily identify Fire Officer I and II requirements through an all-new design that highlights the content related to each of these operational levels
- Obtain proficiency of skills required for success on the job with “Officer Advice”, “Fireground Facts” and “Ethics” boxes
- Gain a more informed view of the Fire Officer position and develop critical-thinking skills with “Street Stories” and “Case Studies” that include specific accounts from officers in the field
- Be safe by following important safety information that is emphasized in the chapters and highlighted in the “Safety” boxes throughout the book

CONTENTS


SUPPLEMENTS


“...This book provides up to date issues facing new and [experienced] officers. It provides skill sets to allow officers to excel; the material is realistic, straight forward and challenging.”

– Edward Hojnicki, Jr., Battalion Chief, Wilmington Fire Department
ABOUT THE BOOK:
COMPANY OFFICER, THIRD EDITION

NFPA 1021 Correlation Grid

Outline/Learning Objectives
Each chapter includes a list of objectives for gaining the appropriate competency for certification

Street Stories
Personal experiences contributed by fire officers from across the nation, highlighting important lessons learned

Officer Advice
Tips from experienced officers to guide successfully through the challenges of being an officer

Ethics
Emphasize relationships and practices to be an effective leader

Key Terms
Key terms and notes of particular importance provide knowledge and terminology for effective communications

Safety Tips
Offer advice on how to react and be proactive in protecting the safety of yourself and your personnel

Fireground Facts
Outline important data, safety information, and considerations when responding to incidents

Case Studies
Each chapter ends with a report on an incident experienced by fire officers from across the nation, followed by a set of questions to develop critical thinking skills

Review & Discussion Questions
Questions at the end of each chapter to review the material and analyze what was learned

Additional Resources
Each chapter includes a list of additional resources, offering additional information on the topic covered in that particular chapter. This information will help better perform duties, not just to meet the requirements of the Standard.

SUPPORT PACKAGE

Student Workbook
ISBN: 978-1-4354-9311-7

Instructor’s Curriculum CD
ISBN: 978-1-4354-2726-6
The Instructor’s Curriculum CD is designed to help instructors to run programs according to their particular needs. It includes:

• Presentations created in PowerPoint™ for each chapter, including graphics and photos
• Computerized Testbank containing hundreds of questions in certification style
• Image Library containing hundreds of graphics and photos from the book, for use in presentations or exams
• Administration: Provides an overview of the various courses, student and instructor materials, and practical advice for instructors
• Modularized Lesson Plans: Each section presents learning objectives, recommended time allotment, equipment and reading assignments for each lesson and outlines key concepts presented in each chapter of the text with coordinating slides created in PowerPoint™, textbook readings, and skill sheets
• Equipment Checklist
• Job Performance Requirement Skill: Checklist of important skills that each candidate must master to meet requirements for certification
• Progress Log Sheets: Provide a system to track the progress of individual candidates as they complete the required skills
• Answers to Review Questions and Workbook Questions
• Additional Resources: Offer supplemental resources for important information on various topics presented in the textbook

Online Companion
Visit www.delmarfire.cengage.com to access this FREE resource.

“The wide range of content resources adds a lot of credibility to the book. The book’s contributors for illustration and material content are impressive. I noticed a lot of “Who’s Who” of the fire service listed in the book. For the new Officer reading this text, or the more veteran Officers, this is something that will make them feel more comfortable with who they are getting their information from.”

— Tom Bentley, Fire Science Homeland Security Coordinator, John Wood Community College
This comprehensive text is an ideal building block for aspiring fire officers and an essential review for experienced command officers. Incident command requires background knowledge and application skills in all phases of strategy and tactics – knowing what needs to be done as well as the how it is going to be accomplished. An important element of this book is the use of case studies based on actual incidents to show the applications of the theories to real world situations. The authors’ myriad experiences in all phases of the operational fire service are included to detail the command operations from the company level to major alarms. The book uses a clear, systematic approach correlating with the course objectives of Fire and Emergency Services Higher Education enabling it to be used by all levels of fire fighters and fire officers.

**KEY FEATURES**

- Updated to new NIMS, NFPA, and OSHA materials
- Stresses firefighter safety “Everyone Goes Home”
- Detailed strategies and tactics for nine types of fire incidents
- End of chapter summaries and review questions
- Chapter activities enhance learning and prepare readers for actual incidents
- A broad scope of emergency incidents covered will assist fire departments of all sizes and geographic locations

**CONTENTS**


**SUPPLEMENT**

Instructor Resources ISBN: 978-1-4180-4894-5
LEGAL CONSIDERATIONS
FOR FIRE AND EMERGENCY SERVICES,
SECOND EDITION
J. Curtis Varone


Written by a lawyer who is also an experienced firefighter, this book examines the most challenging legal issues confronting firefighters and emergency service personnel today. Readers will explore such major legal concerns as fire service liability issues, the jurisdiction of OSHA over fire departments, the applicability of the Federal Fair Labor Standards Act, search and seizure, employment discrimination, residency requirements, sexual harassment, and more. Many of the most significant fires of the past century are also discussed, along with the cases and legal battles that ensued, so readers can make important connections between past events and the legal concepts facing firefighters today.

NEW TO THE EDITION
• Enhanced chapter and paragraph numbering system enhances navigation and quick-reference ability
• All-new chapter focused on EMS law: consent, capacity, standard of care, medical confidentiality, and HIPAA, makes this edition the most up-to-date on the market
• New cases and updated information on pressing hot topics including digital imagery, social networking, tattoo policies, discrimination, and firefighters charged with manslaughter prepare the reader for the real issues facing emergency responders
• Includes a complete review of Ricci v. DeStefano, the ground-breaking Supreme Court decision involving the New Haven Fire Department

CONTENTS

SUPPLEMENT
Instructor Resources ISBN: 978-1-111-30881-0
WebTUTOR™ for Blackboard ISBN: 978-1-111-30883-4

ABOUT THE AUTHOR
J. Curtis Varone J. Curtis Varone has been in the fire service for more than 38 years, with experience as a career, volunteer, and paid on-call firefighter. He also has twenty-six years experience as a practicing attorney representing firefighters and fire departments. Curt retired from the Providence Fire Department, Providence, RI, as Deputy Assistant Chief in 2008, served as the Director of the Public Fire Protection Division at the NFPA, and now serves as the Director of the Fire Service Division of Legal & Liability Risk Management Institute. He is also a faculty member of Providence College’s Fire Science program.

“The book is very easy to understand and read... the author explains very well the outcomes and proceedings. I actually enjoyed reading the entire text and found very little that would be difficult to teach.”

— Gail Ownby-Hughes, Assistant Professor/ Fire Science Coordinator, University of Alaska, Anchorage
FIRE OFFICER’S LEGAL HANDBOOK
J. Curtis Varone


The first of its kind in the field of firefighting, this all-inclusive book provides a comprehensive, one-stop reference for a spectrum of legal issues concerning the world of firefighting. Topics include a broad range of firefighting issues, including an explanation of the laws as they relate to firefighting, criminal offenses and procedure, civil liability, negligence, employment issues and labor relations, discrimination, harassment, public accountability, and more. Specific cases are outlined and summarized, and provide an insider’s look at proceedings that affect the decisions made in the fire service today.

CONTENTS

FIRE OFFICER I AND II DVD
Delmar


Adhering to the 2003 Edition of NFPA 1021, Standard for Fire Officer Professional Qualifications, this four-part program focuses on the ‘soft skills’ essential to Fire Officers at Levels I and II. Intended as visual reinforcement for a Fire Officer text or other classroom learning material, Fire Officer I and II DVD offers challenges that an Officer may face in relation to Human Resource Management, Community & Government, Inspection & Investigation, and Emergency Services – Delivery & Safety. Each program contains 2-4 scenarios depicting common situations through role-play and re-enactments. The DVD encourages classroom discussion through a series of follow-up questions following each scenario, and presents the necessary information to effectively train the next generation of Fire Officers.

CONTENTS

SYSTEM REQUIREMENTS
Individual Workstation:

SEE VIDEO CLIPS AT WWW.CENGAGE.COM/COMMUNITY/FIRE

ALSO AVAILABLE
GOING FOR GOLD
Ronny J. Coleman
288 pp, 6” x 9”, SC, 1-Color, ©1999

CONTENTS
The best way to reduce firefighter injuries and deaths at incidents is the appointment of a well-prepared proactive Incident Safety Officer (ISO). This book primes aspiring and current Safety Officers to meet and exceed the specific job functions outlined in the 2007 Edition of NFPA 1521: Standard for Fire Department Safety Officer, as well as to aggressively pursue the operation of a highly efficient safety program. Extensively revised, the second edition of Fire Department Incident Safety Officer incorporates topics specifically focused on further developing and improving existing safety programs. Fundamental coverage of job functions for successful handling of incidents involving hazardous materials, technical rescue, wildland fire, and other disasters is accompanied by explanations of the critical skills required to be a proficient Safety Officer, including the processes of reading smoke, anticipating risk, predicting building collapse, and improving firefighter rehabilitation.

FEATURES

• A completely updated section on “front-loading” provides a training model for new ISOs and can be used for recurrent proficiency training for working ISOs, making this a true desk reference, as well as a valuable training tool
• Features an “NIMS-compliant” approach to expanding the role of the ISO to be equipped to handle large-scale disasters
• Proven, “street-tested” content includes practical solutions, everyday reminders, caution notes, and key points for performing the functions of a successful ISO in the real world
• Reading smoke is covered in detail to assist learners in making safe effective on-scene decisions
• Sample checklists, standard operating procedures, and step-by-step processes for ISO duties provide an in-depth look at “how” to do the job

CONTENTS


SUPPLEMENT

Instructor Resources ISBN: 978-1-4180-0943-4
Now in its third edition, *Occupational Safety and Health in the Emergency Services* continues to offer a comprehensive program management approach to occupational safety and health issues. Designed for aspiring and practicing safety officers and fire and EMS department managers, as well as others in the fire and emergency medical services fields, this resource covers the significance and rationale for increasing the emphasis on health and safety. The third edition reflects the most current NFPA and OSHA Standards, incorporates the 16 Fire and Life Safety Initiatives, and complies with the Occupational Safety and Health for Emergency Services FESHE course outcomes. In addition, this text offers new information on risk management, fireground rules of air management, highway scene safety, and pandemic considerations in order to better prepare emergency responders for the challenges they face.

**NEW TO THE EDITION**

- Reflects the current editions of NFPA Standard 1500 series, NFPA Standard 1710 and other applicable NFPA Standards to outline the latest occupational requirements related to safety and health
- Reports out on recent statistics and new OSHA regulations to inform students of the latest concerns and required practices for emergency response
- Focuses on and correlates to the 16 Fire and Life Safety Initiatives to emphasize safety in the emergency services
- Prepares students for safe and effective response to incidents, including expanded topics on air management, highway scene safety, pandemic preparation, and more!
- Enhances learning with all-new photos to reinforce key points presented in the chapters

**CONTENTS**


**SUPPLEMENT**

A PRACTICAL GUIDE TO TEACHING IN THE FIRE SERVICE
Henry Morse


This “how-to” book is designed for the person who does not have formal teacher training or a degree in education, but who will need to teach to the service. Its no-nonsense approach covers the day-to-day information that he or she will need to know to conduct a successful class in fire service. Information on how to write a complete outline and lesson plan, how to reach different groups of people, how to handle difficult issues such as discipline and class control, and even how to dress are included in this teaching guide.

CONTENTS

ABOUT THE AUTHOR
Henry Morse, M.A., Fire Service Testing Company, Inc., President; NFPA Fire Instructor IV; Bachelor’s Degree in Science; Master’s Degree in Adult Education; Member NFPA Technical Committee on Fire Fighter Professional Qualifications.

Cengage Learning offers all the resources that instructors need to provide the BEST learning environment for their firefighters.

Visit www.cengage.com/education for general educational texts and professional development materials.

Visit www.cengage.com/community/fire for resources specifically for Emergency Services.
FIRE AND LIFE SAFETY EDUCATOR HANDBOOK
Marsha P. Giesler


Based on the 2010 Edition of NFPA Standard 1035, Fire and Life Safety Educator Handbook is a comprehensive and reader-friendly guide for those responsible for public education for the fire service. Drawing upon the vast experience of the author, this book goes beyond the basics: offering creative ideas for executing educational principles, and practical suggestions for delivering presentations to a variety of audiences. Fire and Life Safety Educator Handbook applies the most current research in the field to everyday applications and provides not only what to teach, but the how and why of successful program development and delivery.

KEY FEATURES
• Features bonus content explaining how to create and evaluate programs, for those individuals who may need to conduct FLSE II or III level activities
• Offers valuable insight into public education with each chapter, including “Case Studies” reflecting personal experiences from educators across the country, and a section titled “What This Means for the Fire and Life Safety Educator”
• Serves as a handy reference for initial training, as well as for practitioners, including practical advice and creative exercises – “Educator Tips”, “Try It, It Works” – that encourage readers to apply these tools to their own department or community
• Challenges readers to find unique methods to addressing tricky situations and address problems before they arise with a special feature “Think About It and Make It Better”

CONTENTS

SUPPLEMENT
Instructor Resources ISBN: 978-1-4283-0542-7

ABOUT THE AUTHOR
Marsha P. Giesler has served as a fire inspector and as the public education and public information officer for the Downers Grove, IL Fire Department for the past nineteen years. She wrote and has instructed the Public Education module for the state’s Fire Prevention Officer I class, teaching both firefighters and civilians. Most recently, Ms. Giesler worked with the Illinois Fire Chiefs Association to write and instruct a curriculum for the FLSE section of the Fire Officer I and Fire Officer III classes offered through the Illinois Fire Chiefs Association. Ms. Giesler continues to work as a program designer and practitioner in the field of FLSE, teaching fire safety and injury prevention to pre-school through high school students, older adults, families, and businesses in her community.
Principles of Fire Prevention, 2E addresses our nation’s efforts at fire prevention and the importance of reducing fire loss. Based on the objectives of the National Fire Academy FESHE course for Fire Prevention, this book will help your students understand the value of fire prevention, protection and associated programs. This new edition focuses on recent fire events, important lessons learned, and how a strong fire prevention program can serve to mitigate the threat of fire. Current statistics, building codes and references to the 2009 Edition of NFPA Standard 1031 are reflected in this edition to ensure your students remain up to date. In addition, the book covers the elements of public education, plan review, inspection and investigation as well as the logistics of staffing and financial management so that readers are fully prepared to lead a successful fire prevention program.

**KEY FEATURES**

- Describes how fire prevention efforts evolved and reports out on current statistics and recent fire events to offer a realistic perspective on the threats of fire
- Highlights recent fire events and the 16 Firefighter Life Safety Initiatives and explains how a strong fire prevention program can serve to mitigate fire losses—both property and loss of life
- Discusses opportunities in fire prevention education, including new information on the National Fire Academy FESHE program
- Describes public education initiatives and the necessity in communicating fire safety to the community
- Discusses the functions of a fire prevention program—plan review, inspections, investigations, and public education, as well as the logistics - record-keeping, and personnel and financial management
- Explains how to conduct residential inspections and offers information on the latest inspection software

**CONTENTS**


**SUPPLEMENT**

Instructor Resources ISBN: 978-1-4390-5747-6
The third edition of *Fire Prevention: Inspection and Code Enforcement* is updated to reflect the 2006 ICC and Uniform Fire Codes and meets the NFPA 1031 Edition. This book features step-by-step explanations and practical examples of the use of model building and fire prevention codes, including detailed information on the legal, economic, and political aspects of the fire inspection process. A comprehensive guide to the “nuts and bolts” of actually inspecting and enforcing code, topics addressed include: right of entry, enforcement authority, the permit system, building limits and types of construction, and fire protection systems and their maintenance. Its convenient, 3-part format enables readers to progress logically from the study of code administration, inspection, and enforcement procedures. Ideal for use as a key component of any professional fire-inspector training program, this book also serves as an excellent reference for building and property maintenance inspectors.

**KEY FEATURES**

- All information is up-to-date and based on current model building and fire codes, including: 2006 International Building and Fire Codes, 2006 Uniform Fire Code, and Life Safety Code/NFPA 5000 codes
- Coverage of recent events, as well as new construction materials and technology bring readers up to date with the latest fire prevention concerns
- A new section on organization and use of the IBC enables readers to navigate easily through this code
- Coverage of NFPA 1031 Job Performance Requirements (JPRs) including a correlation to the content in the text, providing readers with all of the information they need to prepare successfully for professional certification
- The history and organization of building and fire codes is reviewed, and offer valuable insights into the evolution of modern codes and their role in fire prevention today

**CONTENTS**


**SUPPLEMENT**

Instructor Resources ISBN: 978-1-4180-0945-8

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“...The revision is current, explicit, easy to read… the technical accuracy is superb...you have a true winner in Dave Diamantes.”

– W.G. Shelton, Jr., Executive Director, VA Department of Fire Programs
Design of Special Hazards and Fire Alarm Systems, Second Edition is an essential resource for inspecting, designing, installing, using, and understanding a wide variety of simple and complex special hazard and fire alarm systems. Updated to reflect eight of the most current NFPA standards for optimum code-compliant performance, including the 2007 Edition of NFPA 72, the book also uses real-world applications and covers the latest technologies so readers can easily transfer the information they learn to their daily work experiences. Ideal for architects, engineers, layout technicians, fire service personnel, plumbers, mechanical contractors, and sprinkler firms, it is a valuable reference tool for anyone who interacts with these important and intricate systems.

CONTENTS

SUPPLEMENT

ABOUT THE AUTHOR
Robert M. Gagnon, PE, SET, FSFPE is the President of Gagnon Engineering and a lecturer at the University of Maryland’s Department of Fire Protection Engineering.

FIRE PROTECTION SYSTEMS
A. Maurice Jones, Jr.

A practical understanding of fire protection systems is essential to effective management of a fire scene. Fire Protection Systems focuses on the operational characteristics and abilities of different types of systems and equipment that are used during fire department operations to access a water source, apply a suppression agent to control a particular type of fire, provide information concerning the location of a fire, and more. Systematic, easy-to-understand coverage thoroughly explores various types of active fire protection systems and components, how they operate, and the requirements for installation, making this a valuable learning tool for firefighters and a handy resource for design professionals.

CONTENTS

SUPPLEMENT
Instructor Resources ISBN: 978-1-4018-6263-3

ABOUT THE AUTHOR
A. Maurice Jones, Jr. previously worked in the Virginia Fire Marshall’s office.
MANAGING FIREWORKS DISPLAYS
Ronald E. Kanterman


From planning and pre-event activities to post-operations procedures Managing Fireworks Displays covers the entire process of safely and effectively executing display operations. This innovative book expands upon the basics of the 2006 edition of NFPA 1123 Code for Fireworks Displays with a step-by-step approach including clear explanations, practical examples, and coverage that includes the chemistry of pyrotechnics, approaching and interacting with regulatory agencies, completing permits and other code requirements, conducting site inspections, site set-ups, transportation, display operations, and post-display operations. With a special emphasis on safety, this handy guide is valuable to firefighters, fire officers, and officials responsible for the planning, regulation, and staffing of a fireworks event.

CONTENTS

SUPPLEMENT
Instructor Resources ISBN: 978-1-4180-7285-8

ABOUT THE AUTHOR
Ronald E. Kanterman commanded the FDNY Fireworks Unit and the Manhattan Suppression Systems Unit for 6 years, and he is currently the Chief of Emergency Services for a Fortune 100 pharmaceutical company.

ALSO AVAILABLE
DESIGN OF WATER-BASED FIRE PROTECTION SYSTEMS
Robert M. Gagnon
406 pp, 8” x 9-1/4”, SC, 1-Color, ©1997

SUPPLEMENT
2009 INTERNATIONAL FIRE CODE®
International Code Council


Get up-to-date on the critical regulations governing the safeguarding of life and property from all types of fire and explosion hazards with the 2009 International Fire Code®. This newly updated resource is the ultimate reference guide for addressing fire safety in both new and existing buildings. Using prescriptive- and performance-based approaches, this guide includes coverage of general precautions against fire, emergency planning and preparedness, fire department access, fire hydrants, automatic sprinkler systems, fire alarm systems, and hazardous materials storage and use. This material is available in both soft cover and loose-leaf formats, allowing readers to use it as a standalone resource or to incorporate it into other code reference material.

ABOUT THE AUTHOR
ICC is a leading organization dedicated to developing a single set of comprehensive and coordinated national model construction codes. 48 states have adopted various International Codes from ICC.

2009 INTERNATIONAL BUILDING CODE®
International Code Council


Featuring time-tested safety concepts and the very latest industry standards in material design, the 2009 International Building Code® offers up-to-date, comprehensive insight into the regulations surrounding the design and installation of building systems. It provides valuable structural-, fire-, and life- safety provisions that cover means of egress, interior finish requirements, roofs, seismic engineering, innovative construction technology, and occupancy classifications. This content is developed in the context of the broad-based principles that facilitate the use of new materials and building designs, making this an indispensable reference guide for anyone seeking a strong working knowledge of building systems. This material is available in both soft cover and loose-leaf formats, allowing readers to use it as a standalone resource or to incorporate it into other code reference material.

ABOUT THE AUTHOR
ICC is a leading organization dedicated to developing a single set of comprehensive and coordinated national model construction codes. 48 states have adopted various International Codes from ICC.

ALSO AVAILABLE
THE FIRE INSPECTOR’S GUIDE TO CODES, FORMS, AND COMPLAINTS, 1ST EDITION
Linda Pieczynski
328 pp, 8-1/2” x 11”, SC, 4-Color, ©2008
Based on the 2009 NFPA Standard 1033 and 2008 NFPA Guide 921, both novice and future fire investigators will appreciate the straightforward yet comprehensive approach to fire investigation that this book offers. Speaking with a voice of experience, the author walks learners through the process of fire investigation step by step, explaining the critical points and essential tasks in a reader-friendly manner. Included are discussions of the types of fire patterns and clues a fire investigator may encounter on scene, how to keep correct, actionable documentation, and advice on how to accurately interview witnesses and potential arsons. Practical and necessary, this book considers a scene broadly, from investigation to successful fire cause determination, and includes just the right depth of information for those new to fire investigation.

KEY FEATURES

- Check NFPA compliance with a NFPA Standard 1033 and NFPA Guide 921 Correlation Grids at the beginning of the book that highlights content supporting these requirements
- Gain an inside look at actual cases and the unique challenges of fire investigation with current Case Studies at the beginning of each chapter and additional case examples integrated throughout the book
- Focus on safety with critical Safety notes that highlight potential hazards on scene – even after the fire is extinguished
- Develop critical-thinking skills essential to the job of fire investigator with Discussion Questions
- Practice skills associated with fire scene investigation and fire cause determination with Activities at the end of each chapter
- Find all need to know information based on the National Fire Academy Fire Investigation courses in this resource

CONTENTS


SUPPLEMENT

Instructor Resources ISBN 978-1-4180-0961-8
HAZARDOUS MATERIALS HANDBOOK: AWARENESS & OPERATIONS LEVELS
Delmar


The latest addition to our Firefighter’s Handbook series, this book contains all the information from the hazardous materials response chapters in the full version of the Firefighter's Handbook, Third Edition. An ideal option for fire departments, academies, and schools in which hazardous materials topics are taught in a separate course, Hazardous Materials Handbook: Awareness & Operations Levels meets the requirements set forth by the 2008 edition of NFPA Standard 472. Written with a straightforward approach and utilizing numerous real-world examples, this book concentrates on providing the most current information on the hazardous materials field, including the latest in chemicals and drug labs, as well as new safety concerns when responding to such incidents. Practical and user-friendly, this valuable resource provides the necessary information for effective response to hazardous materials incidents.

KEY FEATURES
• New information on NIMS and implementation during incident response
• Up-to-date information on personal protective equipment
• Reports on the latest hazardous materials crimes, including expanded information on biological terrorism prepare readers for terrorist activity
• New sections on both radiation related incidents and air monitoring technology
• New case studies cover recent events and concerns in the field

CONTENTS

SUPPLEMENT
See pages 9 for details

ALSO AVAILABLE
HAZARDOUS MATERIALS: AWARENESS AND OPERATIONS SKILLS DVD
ISBN: 978-1-4283-1089-6
HAZARDOUS MATERIALS FIELD GUIDE, SECOND EDITION
Armando Bevelacqua, Richard Stilp


New information on NIMS, the movement to an international placard system and coverage of bioterrorism materials keeps this second edition current with the considerations facing emergency responders today. This book provides critical information for emergency responders on the scene of an incident. This user-friendly resource includes information that is consistent with the mission of all agencies. Flow charts verify critical procedure considerations that must be managed immediately, then set the stage for support response when an incident requires interagency cooperation. Easy to reference, this guide allows rapid identification of placards, labels, silhouettes, and common commodities that move on roadways and railways. Medical considerations are described throughout the text.

CONTENTS

ABOUT THE AUTHOR
Armando Bevelacqua. See page 52 for author’s bio.

Richard Stilp is the Director of the Central Florida Fire Academy. He holds the rank of district chief, is a certified paramedic and a licensed RN. Mr. Stilp has a B.A. in Business and an M.A. in Management. He is a hazardous materials technician and certified hazardous materials instructor.

HAZARDOUS MATERIALS FIELD GUIDE

ABOUT THE AUTHOR
LTC. Stanley E. Toy is former Commander of Weapons of Mass Destruction Civil Support Team and a certified HazMat Technician.

ALSO AVAILABLE
DECONTAMINATION FOR HAZARDOUS MATERIALS EMERGENCIES
Timothy V. Henry
96 pp, 6” x 9”, SC, 1-Color, ©1999

HOTZONE LOG: PERSONAL HAZMAT RECORD
Stanley E. Toy


This pocket-sized personal log enables individuals to maintain a historical record of personal performance following the completion of training events, while also providing opportunities to document experiences gained in response to actual HazMat incidents. It is ideal for HazMat technicians and trained personnel who respond to and operate in contaminated environments, especially where Level-A or Level-B Personal Protective Equipment (PPE) with SCBA is required. ‘Personal Data Sheets,’ a cornerstone of this unique resource, allow individuals to quickly record important information regarding their actions while operating in the hot zone. For the first time, HazMat responders have a book that will effectively track exposure to hot zones by recording medical monitoring of vital signs, as well as time ‘on air’ and other duties assigned in the hot zone.

CONTENTS
Keeping hazardous materials responders up to date with national concerns and emerging technologies, *Hazardous Materials Incidents, Third Edition* continues to provide practical knowledge of how to effectively and safely respond to hazardous materials incidents. This book has been updated to cover the competencies of the 2008 Edition of NFPA 472 Standard including comprehensive coverage at both Awareness and Operations levels. Practical “need to know” information combined with current information makes this the most current tool for risk based response training.

**KEY FEATURES**
- Conforms to the 2008 Edition of NFPA 472 and current Occupational Safety and Health Association (OSHA) standards
- Includes a NFPA Correlation Grid at the front of the book matching content to the book
- Coverage of air monitoring and terrorism have been updated and expanded to reflect recent events and the subsequent increased awareness required in these areas
- Complicated technical information is presented in a reader-friendly, straight-forward approach that is easy to understand and relate to incident response
- Content is suitable for fire service, law enforcement, disaster management and terrorism training courses, as well as any HazMat courses at the Awareness and Operations training levels

**CONTENTS**

**SUPPLEMENT**
Instructor Resources ISBN: 978-1-4283-1797-0

**ABOUT THE AUTHOR**
Chris Hawley is a project manager for Computer Sciences Corporation (CSC) and is responsible for several WMD courses with the DOD/FBI/DHS International Counter Proliferation program, providing threat assessment HazMat and anti-terrorism training worldwide. A retired Fire Specialist and Special Operations Coordinator with the Baltimore County Fire Department, Chris has also served on development teams for local, state, and federal projects, including the National Fire Academy, FBI, and U.S. Secret Service.
BIOTERRORISM: A FIELD GUIDE FOR FIRST RESPONDERS, SECOND EDITION
Imaginatics


An effective pocket guide specifically designed to help first responders deal with the unique nature of a biological terrorist attack. From personal protection to emergency actions to the guidelines for the 12 most probable biological agents, this book allows all responders to be on the same page, even when communications fail. Because of its ease of use and durability, this book is ideal for field use. It provides quick access to life saving information faster than any emergency response guidebook currently available. The second edition contains an additional ten pages of emergency actions and general preparedness, and gives users quick access to potential signs and symptoms produced by biological agents through a global signs and symptoms matrix chart.

KEY FEATURES
• Compact size is ideal for pockets or a glove compartment
• Spiral binding, heavy gauge plastic tab pages, and content listing on the front cover, allow users to quickly access sections under any conditions
• Accurate, up-to-date books provide first responders with practical, life-saving information
• Distinct grouping and color-coding of sections helps users find critical information faster than with any other emergency response guidebook
• Only the most critical information necessary for on-scene use is provided

CONTENTS

ALSO AVAILABLE
ON-SCENE MEDICAL TREATMENT FACILITY POSTER
ISBN: 978-1-4283-2356-8
TRIAGE PROCEDURE CHART
WMD BIOLOGICAL AGENTS SIGNS & SYMPTOMS MATRIX CHART
BIOTERRORISM SYMPTOM MAGNET

ABOUT IMAGINATICS
Delmar is now the exclusive distributor of emergency services products from Imaginatics Publishing LLC. Imaginatics is a service-based multimedia company focused on building technically accurate, usable, yet affordable training and educational products.
CHEMICAL / NUCLEAR TERRORISM:  
A FIELD GUIDE FOR FIRST RESPONDERS, SECOND EDITION  
Imaginatics


An ideal pocket guide for first responders during the aftermath of a chemical or nuclear terrorist attack. From evacuation distances to emergency actions to the guidelines for nerve, blister and choking agents, this book allows all responders to be on the same page, even when communications fail. Because of its ease of use and durability, this book is ideal for field use. It provides quick access to life saving information faster than any emergency response guidebook currently available. The second edition provides essential, up-to-date information on terrorism preparedness, and gives users quick access to potential signs and symptoms produced by chemical agents through a global signs and symptoms matrix chart.

KEY FEATURES
- Compact size is ideal for pockets or a glove compartment
- Spiral binding, heavy gauge plastic tab pages, and content listing on the front cover, allow users to quickly access sections under any conditions
- Accurate, up-to-date books provide first responders with practical, life-saving information
- Distinct grouping and color-coding of sections helps users find critical information faster than with any other emergency response guidebook
- Only the most critical information necessary for on-scene use is provided

CONTENTS

ALSO AVAILABLE
MASS DECONTAMINATION: LADDER SYSTEM POSTER  
ISBN: 978-1-4283-2355-1

WMD CHEMICAL AGENTS SIGNS & SYMPTOMS MATRIX CHART  
ISBN: 978-1-4283-2359-9

CHEMICAL TERRORISM SYMPTOM MAGNET  

ABOUT IMAGINATICS
Delmar is now the exclusive distributor of emergency services products from Imaginatics Publishing LLC. Imaginatics is a service-based multimedia company focused on building technically accurate, usable, yet affordable training and educational products.
HAZARDOUS MATERIALS AIR MONITORING & DETECTION DEVICES, SECOND EDITION
Chris Hawley


Updated to the latest edition of NFPA standard 472, Hazardous Materials Air Monitoring & Detection Devices explains technical information in an easy to understand manner, and provides HazMat teams with a thorough guide to effective air monitoring in emergency response situations. The key component to safely responding to hazardous materials is the use of a variety of detection devices for effective air monitoring. In this book, each type of air monitoring device available for emergency services is described in detail, including operating guidelines and sampling strategies. The most up-to-date information is provided along with discussion of the future trends and technology shaping this business, keeping the user at the forefront of this rapidly changing field. In addition, a special section on terrorism discusses the latest needs in HazMat – the detection and monitoring of hazardous agents.

CONTENTS

SUPPLEMENT

ABOUT THE AUTHOR
Chris Hawley. See Page 48 for author’s bio.

HAZARDOUS MATERIALS: REGULATIONS, RESPONSE & SITE OPERATIONS, SECOND EDITION
Paul Gantt


All the regulatory requirements associated with the handling, clean-up and storage of hazardous materials (HAZWOPER) are brought together in this reader friendly book. Revisions to this edition include expanded regulations for dealing with an intentional release of a hazardous material in a terrorist incident, as well as pre-emergency plans for hazardous materials operations and response programs needed to effectively deal with natural disasters. Considered by many as an authoritative, comprehensive guide to Hazmat operations, this book examines OSHA regulations, risk evaluation, incident management, hazardous site operations, and more in order to effectively train hazmat responders.

CONTENTS

SUPPLEMENT

ABOUT THE AUTHOR
Paul Gantt is BPA President of Safety Compliance Management.

TO ORDER CALL (800) 354-9706 | ORDER ONLINE AND MORE INFO AT www.cengage.com/community/fire
HAZARDOUS MATERIALS CHEMISTRY,
SECOND EDITION
Armando Bevelacqua


The second edition of Hazardous Materials Chemistry explores basic principles of chemistry and toxicology so that first responders can efficiently identify a chemical hazard, make safe and informed decisions, and anticipate potential outcomes. Step-by-step coverage of the names of chemical families and their general categorical hazards and incompatibilities enable readers to not only grasp the science behind the chemicals and reactions but also apply principles to actual incidents. An all new chapter on infrared spectroscopy brings the book up to date with the latest detection technology used in fire departments today.

KEY FEATURES
• Designed to follow the National Fire Academy FESHE course outcomes for Hazardous Materials Chemistry
• Offers a straight-forward approach to the science so that readers can more readily understand technical concepts
• Basic chemistry and toxicology concepts are combined with practical, hands-on exercises, preparing practitioners for the real world
• A new chapter on infrared spectroscopy contains actual spectrographs that allow students to visualize and understand printouts in order to learn how to make informed decisions in HazMat response.
• An Instructor’s Manual on CD is also available, offering PPT, lecture outlines, chapter quizzes as well as answers to question and problems from the book

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SUPPLEMENT

BUNDLE & SAVE!

ABOUT IMAGINATICS
Armando Bevelacqua is a Lieutenant for the Orlando Fire Department and has been a HazMat Team Leader and Paramedic for 23 years. He holds a BS in Fire Safety Engineering. He is also a member of the Adjunct Faculty of the National Fire Academy, International Association of Fire Fighters Instructor, and a Local Emergency Planning Committee Member. He lectures widely on Hazmat topics.

ALSO AVAILABLE
HAZARDOUS MATERIALS CHEMISTRY FIELD OPERATIONS GUIDE
Armando Bevelacqua
102 pp, 6” x 9”, SC, 1-Color, ©2006
PREPARING FOR TERRORISM:
THE PUBLIC SAFETY COMMUNICATOR’S GUIDE
George Buck, Ph.D., Lori Buck, Barry Mogil


CONTENTS

PREPARING FOR BIOLOGICAL TERRORISM:
AN EMERGENCY SERVICES GUIDE
George Buck, Ph.D.


CONTENTS

CITIZEN’S GUIDE TO TERRORISM PREPAREDNESS
Richard Stilp, Armando Bevelacqua


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EXPLOSIVES IDENTIFICATION GUIDE, SECOND EDITION
Mike Pickett


Explosives Identification Guide, Second Edition, is an excellent quick reference for emergency responders – providing the necessary information to effectively identify explosives by type, and how each should be treated. Written with a straight-forward, non-technical approach, this book covers both commercial type and military ordnance explosives, and explains bomb search procedures in a manner that is easy to understand for even the most inexperienced in explosives identification. Keeping up to date, this edition also includes an all-new chapter on Weapons of Mass Destruction, and features brand new photos depicting the explosives available today.

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The author’s approach is easy to follow and read. The illustrations are good and the color really helps in the identification of explosives. I have always looked to this book as one of the best explosive references available.”
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– Bill Hand, HazMat Technician, Houston Fire Department, Hazardous Materials Response Team

ABOUT THE AUTHOR
Mike Pickett has over 37 years experience as a firefighter including ten years as an EMT. He was the Director of the San Antonio Regional Fire Academy and Fire Science Program for 25 years. He is currently an Associate Professor Emeritus and teaches explosive identification and counter-terrorism to audiences across the country.

SUPPLEMENT
“Going green” with new construction or adding green features to existing structures is excellent for the environment but it can pose challenges to the fire service. Written from the unique perspective of a fire chief, Sustainable Green Design and Firefighting delivers cutting-edge coverage to help fire and rescue workers develop strategies and tactics to deal with the challenges that arise from buildings constructed of energy-saving materials. This comprehensive book familiarizes responders with sustainable and integrated design concepts and how they relate to the fire service, including topics on sustainable sites, water efficiency, alternative energy, natural refrigerants, light weight construction materials, and indoor environmental quality. An excellent training tool for new firefighters to fire chiefs, this text also features information on new technology such as microturbines, photovoltaic arrays, green roofs, and heliostats, ensuring that responders of all levels are fully prepared to engage in an incident involving a green structure.

**FEATURES**

- Describes effective strategies and tactics related to various sustainable green design features to enhance operational effectiveness and safety
- Explains concepts in a non-technical manner to improve comprehension of sustainability and how it affects firefighting and emergency operations.
- Reviews potential hazards to firefighters and presents important lessons learned from actual events in the Case Studies
- Chief Concerns featured throughout the chapters offer valuable advice from firefighter experience
- Enhances learning with vivid photos and graphics that provide examples of various green building structures, materials and practices
- Educates members of the integrated construction design team so they may understand how building construction affects the fire service- including stakeholders, owners, architects, engineers, general contractors, tradesmen, code officials, consultants, insurance carriers, interior designers, landscapers
- Includes a comprehensive set of Appendices that provides for further reading, including a review of the origins of international green building and design, the green building rating systems utilized throughout the world, and the U.S. Green Building Council’s Leadership in Energy and Environmental Design (LEED) rating system – plus more!

**CONTENTS**


**SUPPLEMENT**

Instructor Resources ISBN: 978-1-111-12735-0
Delmar, Cengage Learning is pleased to introduce the newest series in our Emergency Services list – the Technical Rescuer Series! Encompassing six titles, each book steps the reader through the corresponding applicable content in the 2008 Edition of NFPA Standard 1006, Standard for Technical Rescuer Professional Qualifications. Combining the knowledge and practical skills necessary to meet the Operations Level of the Standard, each book in the series trains emergency responders to take the appropriate actions to prepare, respond to, and mitigate an incident involving technical rescue.

SERIES FEATURES
• Ensure compliance with the 2008 Edition of the NFPA Standard with correlation grids that highlight the Standard requirements, and identify the pages in the books where each requirement is met
• Follow the ASTART™ system explaining team development from planning to implementation and contributing to efficient incident response
• Remain up to date with photos and illustrations that focus in on the most current equipment, tools and procedures
• Gain real-world insight and sharpen rescue skills with a Lessons Learned at the beginning of each chapter and corresponding Lessons Learned Revisited at the end of the chapter containing follow-up critical-thinking questions
• Work smart and safe on the job with critical information highlighted in Note and Safety boxes throughout the books
• Learn the requirements of the job with step-by-step skills that provide photo sequences and clear instructions for various procedures
• Practice rescue techniques effectively with sample job performance requirement forms and training logs that help track individual progress

TECHNICAL RESCUE SERIES

TECHNICAL RESCUER: WATER LEVELS I AND II
Steve Treinish

ABOUT THE AUTHOR
Steve Treinish is the lead instructor for the Dive and Rescue Team at the Columbus (OH) Fire Dept. and leads the Dive Unit for Fairfield County Special Operations team. Steve is an Instructor Trainer with the Public Safety Divers Association, an Ohio certified Fire Instructor, and a Lead Swiftwater Instructor for the Ohio Fire Academy. Steve also owns Blackwater Water Rescue Systems.


Finally, a book that covers all 5 of the sub-disciplines of water rescue – in a single resource! Technical Rescuer: Water Levels I and II is based on the NFPA 1006 Technical Rescuer Standards, and covers everything from surface water rescue and ice rescue to swiftwater rescue, surf rescue, and more. Perhaps most importantly, the author recognizes that different agencies have different processes, and incorporates that by discussing all of the various types of equipment and how it can be used. A bonus chapter on watercraft rounds out the book’s comprehensive coverage, making this an ideal book for first responders, firefighters, rescue technicians, and anyone seeking in-depth knowledge of water rescue techniques and standards.

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SUPPLEMENT

TECHNICAL RESCUER: ROPE LEVELS I AND II
Jeff Matthews

ABOUT THE AUTHOR
Jeff Matthews is the Owner of Technical Rescue Consultants, a nationwide organization for rescue training. Jeff received an Associate’s degree in Fire Science and a Bachelor’s degree in Business Administration, both from Mountain State University.


Practical, thorough, and current, this guide to rope rescue offers detailed instructions for numerous rope rescue techniques, as well as industry insight on how to apply these techniques effectively on scene. Based on the 2008 NFPA Standard 1006 and 2009 NFPA Standard 1670 Technical Rescuer: Rope Levels I and II provides expansive coverage, including commonly used knots, practical rigging methods, incident and scene management, lowering systems, tensioned rope systems, and more. With a comprehensive yet simplified approach to a wide variety of techniques, the book breaks down some of the barriers that have traditionally divided urban rope rescue teams and rural or wilderness rescue teams.

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SUPPLEMENT
Technical Rescuer: Confined Space Levels I and II meets the core requirements for confined space rescue technicians. This book drives the reader to become proactive in rescue by recognizing the hazards of a confined space, identifying which of those hazards can be managed and then taking the steps to manage the hazard. It also covers the basic information that provides the foundation for rescue operations. Methods covered include preplanning a rescue, providing built in rescue equipment and managing the hazards of a confined space, as well as a critical discussion about accident prevention.

Contents

Supplement

About the Author
George J. Browne retired as a Chief with North Hudson Regional Fire and Rescue in NJ. George is a certified instructor for Confined Space Rescue, and works for Global Risk Consultants.

Gus S. Crist retired as the Safety Officer for the Ocean County Utilities Authority in NJ. He instructs for the NJ State Police for HazMat Technician and Confined Space Rescue.

Technical Rescuer: Trench Levels I and II meets the requirements for Chapter 8 of the 2008 Edition of NFPA Standard 1006 and focuses on the key topics of trench rescue, from exploring the characteristics of trench collapse to the necessary steps for developing an efficient trench rescue team. Offering comprehensive coverage of key concepts, including illustrating the breakdown of the trench, developing a response plan, implementing rescue operations and the necessary skills for successful leadership and management, this book helps the rescuer both prepare for the incident as well as understand how these skills contribute to a successful response.

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Supplement

About the Author
Scott Richardson is a Lieutenant for South Metro Fire Rescue and the Logistics Manager for the South Metro Regional Technical Rescue Team. He founded On the Job Emergency Services Training, and teaches at C.C. of Aurora (CO) and Metro (Denver) Regional Technical Rescue Team.
**FIRST RESPONDER HANDBOOK: FIRE SERVICE EDITION**
Andrea A. Walter, Marty L. Rutledge, Christopher N. Edgar

400 pp, 8-1/2” x 11”, SC, 1-Color, ©2003

First Responder Handbook: Fire Service Edition is an information-packed guide providing first responder education for fire service professionals. Written by emergency response experts and specifically designed for firefighters, this book presents information in a way that will feel familiar to anyone in the fire service. It covers safety for first responders, patient care principles, emergency response tactics, and even first responder actions for incidents involving terrorism. This street-smart book fulfills the Department of Transportation’s requirements for first responder certification while offering firefighters valuable emergency medical training.

**SUPPLEMENTS**
- Workbook ISBN: 978-0-7668-3923-6

**ALSO AVAILABLE**
**FIRST RESPONDER POCKET GUIDE: FIRE SERVICE AND LAW ENFORCEMENT**
Andrea A. Walter & Marty L. Rutledge
56 pp, 6” x 9”, SP, 2-Color, ©2003

For books and materials with a **FRESH PERSPECTIVE** on EMS education, visit [www.cengage.com/community/ems](http://www.cengage.com/community/ems) or contact your Cengage Learning sales representative.
Delmar, Cengage Learning is pleased to offer validated certification test banks for various certification topics, through the dedication of our test item writers and validation committees. Delmar’s goals are to meet the accreditation criteria for IFSAC and Pro Board accredited entities, while creating test banks large enough so that multiple forms of the test can be generated.

Test Item Validation
We have gathered a committee of fire service professionals consisting of instructors, certification testing entity representatives, fire department training officers, and others, who offer their expertise and insight into certification testing. Through our development process, each test item is:

• referenced to various publishers’ texts
• carefully reviewed for accurate page and NFPA component referencing
• correlated to the appropriate NFPA Standard
• content validated by subject-matter expert committees

Key Features
• For use in certification testing only
• Designed to operate using LXR+TEST™ software
• Two versions available: Referenced to all major publishers; and Referenced to Delmar texts only
• Correlated to the NFPA JPR Requisite Knowledge Components

Secure Testbanks
These test banks are sold for use in firefighter certification testing processes only. To keep the test banks secure, only the following organizations are allowed to purchase the test banks:

• International Fire Service (IFSAC) and National Board on Fire Service Professional Qualifications (Pro Board) Members (accredited and non-accredited)
• Certification empowered entities that are neither IFSAC nor Pro Board
• Metros and other jurisdictions that are neither IFSAC nor Pro Board but who conduct certification through the entities listed above

Note: If you are not with an organization listed above, but are interested in having your jurisdiction utilize the Delmar certification testbanks, please forward this information on to the appropriate individuals in the organization described above for your jurisdiction. Or, you may be interested in the promotional test banks described on page 59 of this catalog.

AVAILABLE TEST BANKS:

• Firefighter I
• Firefighter II
• Hazardous Materials Awareness
• Hazardous Materials Operations
• Fire Officer I
• Fire Officer II
FIRE PROMOTIONAL TESTBANKS

Delmar

CD-ROM, ©2007

Designed to enable training officers and other officers of any Authority Having Jurisdiction to create promotional exams with ease, Delmar, Cengage Learning is proud to offer a complete set of newly developed questions for some of the most significant positions in the fire service. Written by experts with extensive experience writing test questions for the emergency services, each test question bank contains 300 questions referenced to the corresponding Delmar Learning textbook, as well as NFPA Standard where applicable. These testbanks are written specifically as promotional tests, and provide a set of secure exams containing a wide variety of content-related questions. Available on CD individually, or as a complete set of 10 banks, these promotional exam questions are a must for fire departments and the local AHJ.

KEY FEATURES
• Secure exam questions created specifically for promotional use
• References for each question allow training officers to validate answers
• Word document format allows for ease of use and customization
• Flexible format is compatible with most jurisdictions’ testing programs, including LXR
• Allows more time for training officers to focus on writing the questions that are specific to their locality

SYSTEM REQUIREMENTS
Windows 2000, XP, or Vista

AVAILABLE TESTBANKS

Firefighter’s Handbook Promotional Testbank (to accompany 2nd edition of text)

Rapid Intervention Company Operations Promotional Testbank

Fire Pump Operations Promotional Testbank

Hydraulics for Firefighting Promotional Testbank

Company Officer Promotional Testbank

Firefighting Strategies and Tactics Promotional Testbank

Fire Department Incident Safety Officer Promotional Testbank

Occupational Health and Safety Promotional Testbank

Fire Prevention: Inspection and Code Enforcement Promotional Testbank

Hazardous Materials Chemistry Promotional Testbank

Fire Investigator Certification Test Bank

Driver/Operator Pumper Certification Test Bank