

PUBLIC SAFETY GROUP  
**2020-2021**  
**FIRE SCIENCE**  
PRODUCT CATALOG



A DIVISION OF JONES & BARTLETT LEARNING

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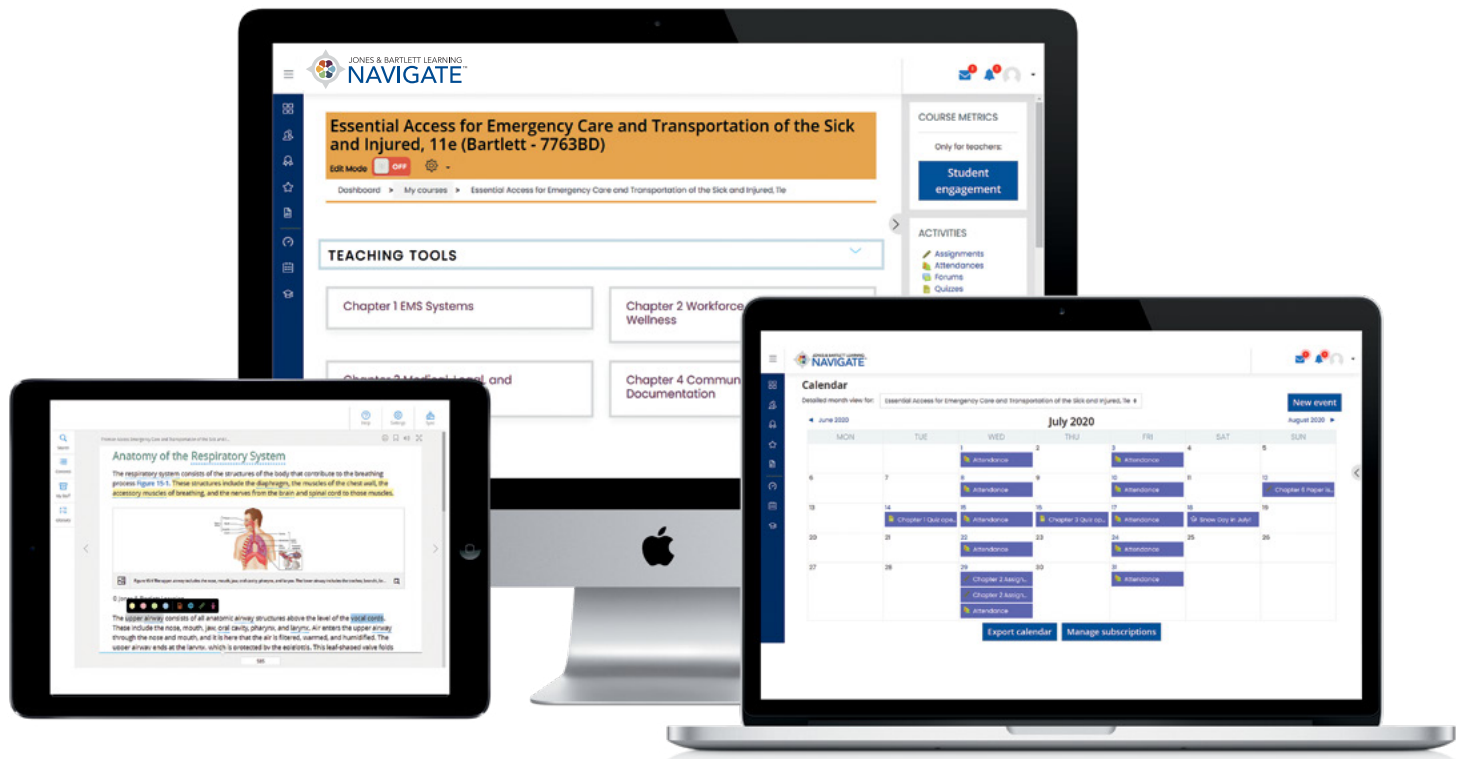


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# Introduction to Fire Protection and Emergency Services

SIXTH EDITION

Robert Klinoff

ISBN: 978-1-284-18015-2 – With Printed Text  
ISBN: 978-1-284-19338-1 – Digital Access Only  
388 pages | ©2021

<http://go.psglearning.com/introfire6e>

*Introduction to Fire Protection and Emergency Services, Sixth Edition* delivers a head start in the competitive selection process to future fire service candidates by familiarizing students with the selection and training process. The **Sixth Edition** provides a comprehensive and concise overview of the broad spectrum of the fire service, from the primary duties of the modern fire department to emergency incident management, fire prevention, and department administration.

## WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Principles of Emergency Services* model curriculum (C0273).
- In-depth discussion on Post-Traumatic Stress Disorder (PTSD) and Repeated Exposure to Trauma (RET) and their effects on firefighters.
- Expanded coverage of the possible future effects of climate change and its impact on the fire and rescue service.
- More emphasis on the broadening of the fire service's mission and the national response of fire fighters to large scale incidents.
- Organizations that support the fire service are highlighted, including Firefighter Behavioral Health Alliance, Firefighter Cancer Support Network, and Leary Firefighter Foundation.



# Brannigan's Building Construction for the Fire Service

SIXTH EDITION

Glenn P. Corbett

Francis L. Brannigan

ISBN: 978-1-284-17731-2 – With Printed Text  
ISBN: 978-1-284-19484-5 – Digital Access Only  
474 pages | ©2021

<http://go.psglearning.com/brannigan6e>

*Brannigan's Building Construction for the Fire Service, Sixth Edition* is an integral resource for fire officers, instructors, those studying for promotion, individuals taking civil service examinations, fire science students, and both current and prospective fire fighters. It is part of an integrated teaching and learning system that combines dynamic features and content to support instructors and to help prepare students for their career in firefighting.

## WHAT'S NEW AND NOTABLE

- Affiliated Partner Organization: National Fire Protection Association (NFPA)
- Meets and exceeds the FESHE course objectives and outcomes for the *Building Construction for Fire Protection* model curriculum (C0275).
- New Chapter 7 (Non-Fire Building Systems) describes several categories of non-fire systems in buildings, including electrical systems, plumbing systems, conveyances, refrigeration systems, and heating, cooling, and ventilation (HVAC) systems, in addition to the hazards the systems pose to fire fighters.
- Additional new or expanded content includes sections on aluminum-clad polyethylene panels, scaffolding, cranes and their use, fire escapes and stair design, and more.





# Principles of Fire Behavior and Combustion

## FOURTH EDITION

Richard G. Gann

Raymond Friedman, PhD

ISBN: 978-1-284-13611-1 – With Printed Text

ISBN: 978-1-284-13601-2 – Digital Access Only

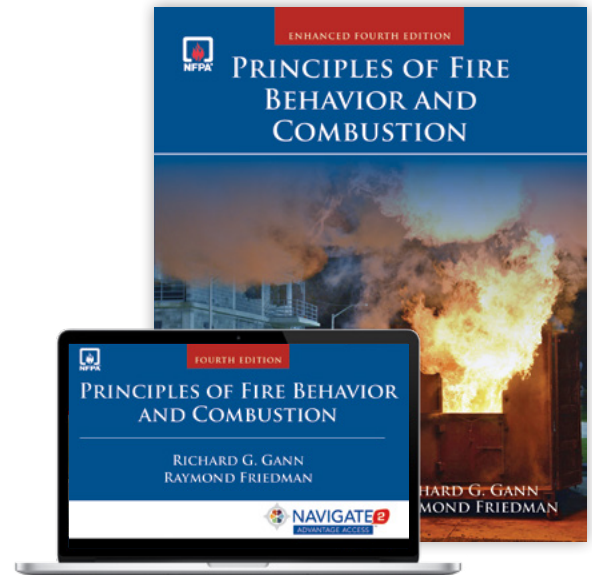
298 pages | ©2015

<http://go.psglearning.com/behaviorcombustion4e>

Without a comprehensive grasp of how fires start and spread, informed decisions on how to best control and extinguish fires cannot be made. ***Principles of Fire Behavior and Combustion, Fourth Edition*** will provide readers with a thorough understanding of the chemical and physical properties of flammable materials and fire, the combustion process, and the latest in suppression and extinguishment. The ***Fourth Edition*** of this time-tested resource is the most current and accurate source of fire behavior information available to fire science students and on-the-job fire fighters today.

### WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Fire Behavior and Combustion* model curriculum (C0276).
- Updated with a clearer, reader-friendly style to help simplify even the most challenging subject matter.
- New practice problems are incorporated throughout the text to help bridge the gap between theory and application on the fireground and to test students' retention of learning material.



# Fire Fighter Safety and Survival

## THIRD EDITION

Don Zimmerman

ISBN: 978-1-284-18017-6 – With Printed Text

ISBN: 978-1-284-26788-4 – Digital Access Only

376 pages | ©2021

<http://go.psglearning.com/firesafetysurvival3e>

Whether you are on the job or in training, ***Fire Fighter Safety and Survival, Third Edition*** is a must-have resource for fire fighters, EMS providers, and other safety professionals. Focused on improving the statistics for line-of-duty injuries and fatalities, this book details the 16 Fire Fighter Life Safety Initiatives supported by the National Fallen Firefighters Foundation (NFF) and describes a fire fighter life safety program, as well as methods for implementation. Actual scenarios from the fire service put you in the center of life-threatening situations and give you the skills and knowledge it takes to create positive outcomes from incidents, while promoting a safety culture in your department.

### WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Principles of Fire and Emergency Services Safety and Survival* model curriculum (C0281).
- Correlates directly with the 16 Fire Fighter Life Safety Initiatives supported by the National Fallen Firefighters Foundation (NFF).
- New topics include NFPA 3000™, Standard for an Active Shooter/Hostile Event Response (ASHER) Program, NFF Vulnerability Assessment Program, (VAP), and USFA Risk Management Practices.
- Additional new topics involve discussions around new cancer prevention strategies monitoring polycyclic aromatic hydrocarbons (PAHs), use of drones by emergency responders with new FAA requirements, and emotional support aligned with NFPA and the American Psychological Association (APA) Diagnostic and Statistical Manual of Mental Disorders



# Principles of Fire Prevention

FOURTH EDITION

David Diamantes

A. Maurice Jones, Jr.

ISBN: 978-1-284-18023-7 – With Printed Text

ISBN: 978-1-284-19353-4 – Digital Access Only

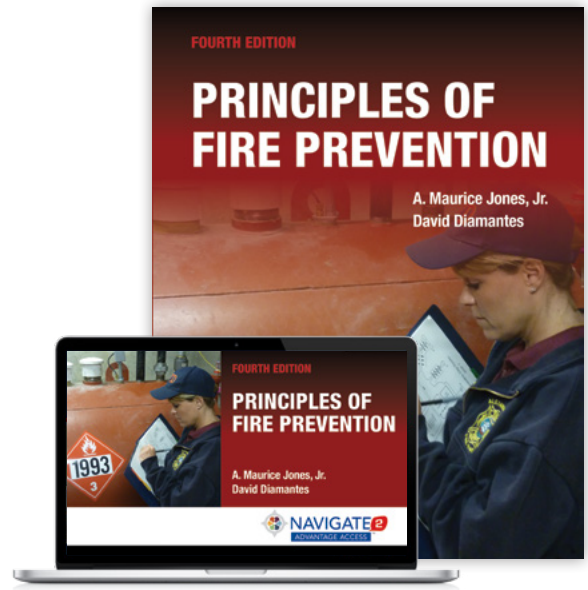
352 pages | ©2022

<http://go.psglearning.com/fireprevention4e>

*Principles of Fire Prevention, Fourth Edition* provides readers with a thorough understanding of how fire prevention and protection programs can greatly reduce fire loss, deaths, and injuries. The **Fourth Edition** features current statistics, codes, standards and references from the United States Fire Administration, National Interagency Fire Center, National Fire Protection Association, Underwriters Laboratories, FM Global, Insurance Service Office, and the International Code Council. Additionally, the textbook covers the elements of public education, plan review, inspection, fire investigation, community risk reduction, as well as the logistics of staffing and financial management, so that readers are fully prepared to lead successful fire prevention programs.

## WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Fire Prevention* model curriculum (C0286).
- Maurice Jones Jr. brought on as co-author. He is the author of *Fire Protection Systems, Third Edition*, and contributes his knowledge of fire protection and prevention systems to strengthen the knowledge within this textbook.



# Fire Protection Systems

THIRD EDITION

A. Maurice Jones, Jr.

ISBN: 978-1-284-18013-8 – With Printed Text

ISBN: 978-1284-18460-0 – Digital Access Only

314 pages | ©2021

<http://go.psglearning.com/firesystems3e>

*Fire Protection Systems, Third Edition* provides a comprehensive and concise overview of the design and operation of various types of fire protection systems, including fire alarm and detection systems, automatic fire sprinkler systems, special hazard fire protection systems, smoke control and management systems, and security and emergency response systems.

## WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Fire Protection Systems* model curriculum (C0288).
- An emphasis on testing and inspection, with reinforcement through discussions of design and installation standards, testing and inspection processes and requirements, and common system impairments.
- An overview of the model code development process is presented to assist students in understanding the origin and ongoing significance of building, fire, and life safety issues and requirements.
- Each chapter begins with a case study that highlights actual events and the valuable lessons learned to emphasize the importance of designing, installing, inspecting, and maintaining fire protection systems to effectively fight fires. Additional case studies close each chapter and provide students a means to test their knowledge of the chapter concepts in the context of a fictional case.





# Legal Aspects of Emergency Services

Gregory West, JD, EdD, BS

ISBN: 978-1-284-06827-6 – With Printed Text

ISBN: 978-1-284-21269-3 – Digital Access Only

456 pages | ©2018

<http://go.psglearning.com/legalaes>

Understanding the law as it applies in different situations allows the prudent fire fighter, EMT, supervisor, manager or officer to manage legal exposure. There are times when it may be necessary to assume greater legal risk because it is the right thing to do. There are other times when a legal risk is not worth any potential benefit. As a result, it is important for those in fire and EMS disciplines to have a passing knowledge of the law and how it affects them in their profession.

*Legal Aspects of Emergency Services* introduces members of fire and emergency medical services to the legal system in the United States, showing them how various types of laws affect their work in emergency services. After studying this book, students will be able to identify situations in their work environment—whether at incident scenes or at the station—that reflect federal, state, and local laws, or may require the assistance of an attorney. The knowledge gained through this text can influence emergency responders' words and actions in legally sensitive situations.

## WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Legal Aspects of Emergency Services* model curriculum (C0270).
- Designed to provide responders with some basic legal knowledge so that, when faced with a legal quandary, they can recognize the need to seek qualified legal advice.
- Includes decisions from influential court cases and fictional case studies to help apply knowledge to real life situations.
- **New edition coming 2021.**



# Management in the Fire Service

FIFTH EDITION

Harry R. Carter, Erwin Rausch

National Fire Protection Association

ISBN: 978-1-4496-9078-6 – With Printed Text

ISBN: 978-1-284-09589-0 – Digital Access Only

418 pages | ©2021

<http://go.psglearning.com/management5e>

*Management in the Fire Service, Fifth Edition* provides a comprehensive and concise overview of the common functions and related concerns that must be considered by the fire officer. Specific consideration is given to incident command, fire prevention, fire and life safety education, preincident planning, management of physical and financial resources, personnel management, employee relations, training, and additional services beyond firefighting.

The **Fifth Edition** also thoroughly covers a set of fire service-specific and leadership guidelines for the fire officer to employ when making critical decisions relating to these functions, so that readers are fully prepared to manage and lead when faced with the challenges that present themselves within the fire and emergency services.

## WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Principles of Fire and Emergency Services Administration* model curriculum (C0272).
- New content on fire prevention strategies and efforts, funding alternatives, labor laws pertaining to personal issues, harassment in the workplace, social media, and issues of morality.
- Statistics and references have been updated to the latest codes and standards.
- Additional and updated scenarios and scenario analyses that emphasize the importance of using the guidelines during decision-making.



# Principles of Fire and Emergency Service Administration

SECOND EDITION

Randy R. Bruegman

ISBN: 9781-284-22008-7 – With Printed Text

ISBN: 9781-284-24444-1 – Digital Access Only

617 pages | ©2022

<http://go.psglearning.com/pfesadmin2e>

*The Principles of Fire and Emergency Service Administration, Second Edition* provides in-depth information needed to be a successful company officer, battalion, commander, deputy chief or chief executive officer, providing the necessary base curriculum to meet the FESHE requirements. With experience in leading various departments and national organizations, Chief Bruegman brings a real-world focus on the principles of leadership and management in a changing environment. This text will help you to understand your personal style and tendencies so you can develop your leadership abilities and capacity, with a focus on preparing you to be successful in the future. This text brings a focus on leadership ethics, team building, analytical approaches to the fire and emergency services, continuous quality improvement, community risk reduction, and looks at future trends that will impact the profession.

## WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Principles of Fire and Emergency Services Administration* model curriculum (C0272).



# Fire Protection Hydraulics and Water Supply

THIRD EDITION

William F. Crapo

ISBN: 978-1-284-05852-9 – With Printed Text

ISBN: 978-1-284-09584-5 – Digital Access Only

320 pages | ©2017

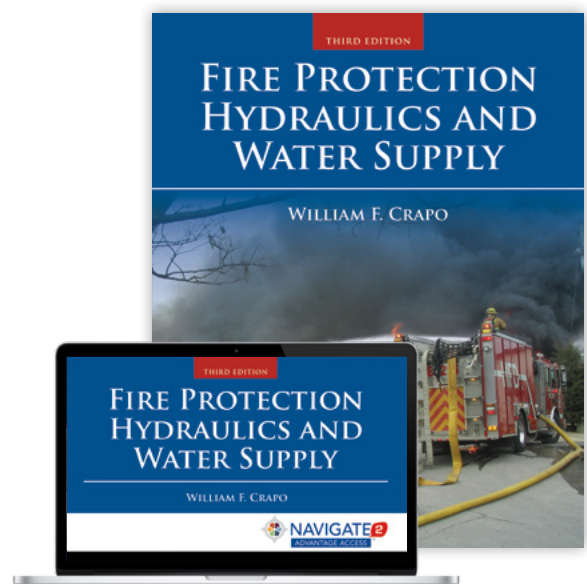
<http://go.psglearning.com/firehydraulics>

Fire service pump operators must understand the many laws of science that govern the study of hydraulics and water supply to be able to handle the complex hydraulic problems that may arise in real world scenarios. Based on the FESHE *Fire Protection Hydraulics and Water Supply* model curriculum, *Fire Protection Hydraulics and Water Supply, Third Edition* teaches hydraulics by systematically addressing the underlying science in a way that makes challenging subject matter easier to understand and retain. Readers will be introduced to the basic properties of water and laws of hydraulics and friction loss before learning to apply formulas to calculate flow, friction loss, nozzle reaction, and more.

They will also learn about complex principles of pump operation, various laws of physics, and new and improved formulas for calculating gallons per minute, nozzle reaction, and more.

## WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Fire Protection Hydraulics and Water Supply* model curriculum (C0277).
- Each chapter now includes Fireground fact boxes that provide real world context or additional information on important topics, case studies that emphasize a law or principle presented in the text, and updated key terms, formulas, and end-of-chapter resources.



# Occupational Safety and Health in the Emergency Services

## FOURTH EDITION

James S. Angle

ISBN: 978-1-284-03591-9 – With Printed Text

ISBN: 978-1-284-05722-5 – Digital Access Only

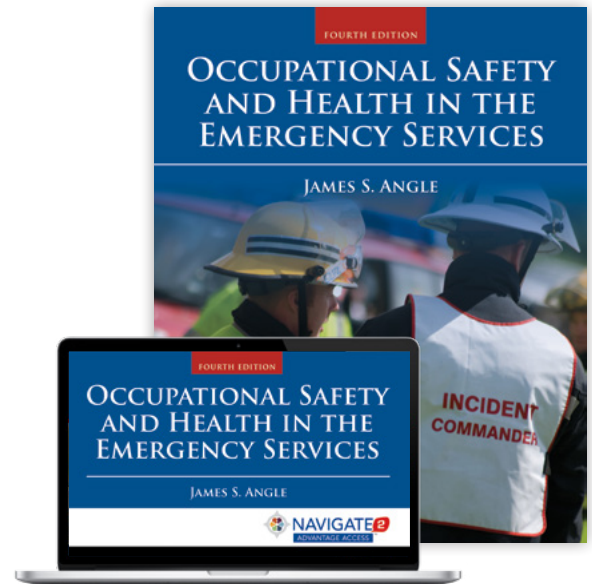
260 pages | ©2016

<http://go.psglearning.com/occsafetyes4e>

*Occupational Safety and Health in the Emergency Services, Fourth Edition* provides a comprehensive overview of the many components of occupational safety and health for the emergency services. This textbook provides a historical look at industrial safety and health and how history has impacted the emergency services by providing a safer work environment that reduces first responder deaths and injuries. The textbook also features a laser-like focus on fire fighter health and safety and details how to stay safe and healthy in a high-risk environment.

### WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Occupational Safety and Health for Emergency Services* model curriculum (C0278).
- Thorough coverage of the "16 Fire Fighter Life Safety Initiatives" with emphasis on the positive impact these Initiatives can have when implemented.
- Case studies, review and discussion questions, and additional resources for each chapter to improve information understanding.
- **New edition coming 2021.**



# Structural Firefighting Strategy and Tactics

## FOURTH EDITION

Bernard "Ben" J. Klaene; Thomas C. Lakamp

ISBN: 978-1-284-18029-9 – With Printed Text

ISBN: 978-1-284-20374-5 – Digital Access Only

384 pages | ©2022

<http://go.psglearning.com/structural4e>

*Structural Firefighting: Strategy and Tactics, Fourth Edition* prepares the fire officer to take command at structure fires, effectively using available resources. This text provides the necessary tools to achieve maximum productivity under adverse fireground conditions, and it's designed for use by all fire officers, from company officer to the chief of the department. It references National Fire Protection Association (NFPA) fire investigations, applicable NFPA statistics and standards, the National Institute for Occupational Safety and Health (NIOSH) Firefighter Fatality Investigation and Prevention Program, and the Technical Report Series from the U.S. Fire Administration. It has been expanded to include information from recent studies by the National Institute of Standards and Technology (NIST), Underwriters Laboratories (UL), and others.

### WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Strategy and Tactics* model curriculum (C0279).
- Features new content on integration of initial rapid intervention crews and updated content on vent-enter-isolate-search tactics.
- In-depth Suggested Activities have been significantly expanded to challenge the reader to apply the strategies and tactics presented in each chapter.
- New Incident Summaries recap real fireground events and the lessons learned to enhance practical knowledge of material.





# Firefighting Strategies and Tactics

## FOURTH EDITION

James S. Angle; Michael F. Gala, Jr.; David Harlow;  
William B. Lombardo; Craig M. Maciuba

ISBN: 978-1-284-18019-0 – With Printed Text  
ISBN: 978-1-284-21242-6 – Digital Access Only  
400 pages | © 2021

<http://go.psglearning.com/firestrategies4e>

*Firefighting Strategies and Tactics, Fourth Edition* reinforces safe and effective firefighting strategies and tactics for fire fighters and fire officers to employ during a wide spectrum of fire incidents. The chapters follow a natural progression, with each chapter building on the previous foundation to provide a broad understanding of firefighting strategy and tactics. The textbook offers in-depth coverage of potential incident hazards, strategic goals, and tactical objectives at one- and two-family dwellings, multiple-family dwellings, commercial buildings, places of assembly, high-rise buildings, vehicle fires, and wildland fires.

### WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Strategy and Tactics* model curriculum (C0279).
- Expanded and new discussions on geographic information system (GIS mapping), drone use for creating preincident plans, cancer risks in the fire service, gross decontamination of bunker gear after fires to reduce carcinogens, lookouts-communications-escape routes and safety zones (LCES), and deployment of rapid intervention crews at wildland fires.
- Additional emphasis on safety and professionalism is stressed throughout the chapters and reinforced through discussions of incident effectiveness, hazard awareness, and strategic decision-making.
- The final chapter demonstrates how the strategies and tactics throughout this resource may be applied in scenarios set at various types of occupancies. This feature offers students an opportunity to see how concepts are applied in the real world.



# Hazardous Materials Chemistry

## THIRD EDITION

Armando (Toby) Bevelacqua  
Laurie A. Norman, PhD

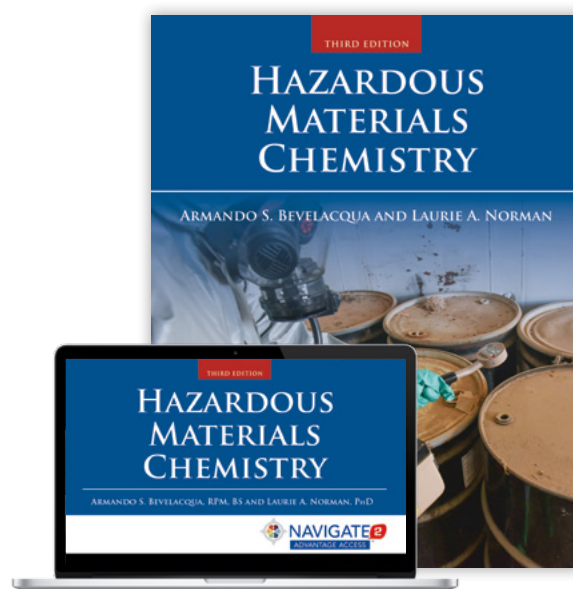
ISBN: 978-1-284-04199-6 – With Printed Text  
ISBN: 978-1-284-11608-3 – Digital Access Only  
346 pages | ©2019

<http://go.psglearning.com/hazmatchemistry>

*Hazardous Materials Chemistry, Third Edition* explores basic chemical principles, nomenclature, and toxicology so that fire fighters and first responders can effectively identify hazards associated with specific chemicals and chemical families, determine the potential dangers present at a hazardous materials incident, and make safe and informed decisions. Each chapter presents scenarios that discuss real world problems as described within the context of that chapter's content.

### WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Hazardous Materials Chemistry* model curriculum (C0282).
- Practical applications of chemical reactions are described within the framework of case studies that focus on specific hazmat incidents, the importance of understanding chemical reactions, and how that knowledge can impact the result of a hazardous materials incident is highlighted.



# Fire Investigations for First Responders

Russel K. Chandler

ISBN: 978-1-284-18027-5 – With Printed Text

ISBN: 978-1-284-19608-5 – Digital Access Only

290 pages | ©2021

<http://go.psglearning.com/fireinvestigationfr>

*Fire Investigation for Fire Responders* enables fire fighters and fire officers to assist assigned fire investigators, to the fullest extent possible, with thorough discussions of important topics such as the legal system and spoliation, as well as evidence identification, collection, documentation, and preservation. The author emphasizes the role of the fire investigator in prevention, encouraging first responders to consider themselves seekers of truth who use real-world tools such as the National Fire Incident Reporting System (NFIRS) to make their communities safer.

## WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Fire Investigator I* model curriculum (C0283).
- Valuable case studies that reinforce the first responder's role in fire investigation through actual events with lessons learned in the field.
- Optimized organization of content (Learning Objectives, Boxed Tips, Summaries, Key Terms, Discussion Questions, and more) to reinforce knowledge of key information.
- An emphasis on practical application and knowledge, including full-color photos and illustrations that illuminate critical components of investigation, such as building construction, fire protection systems, burn and smoke patterns, and vehicle fires.



# Fire Investigator Principles and Practice to NFPA 921 and NFPA 1033

FIFTH EDITION

International Association of Arson Investigators

International Association of Fire Chiefs

National Fire Protection Association

ISBN: 978-1-284-14074-3 – With Printed Text

ISBN: 978-1-284-14452-9 – Digital Access Only

528 pages | ©2019

<http://go.psglearning.com/investigatorprinciples5e>

*Fire Investigator: Principles and Practice to NFPA 921 and NFPA 1033, Fifth Edition* offers students a comprehensive introduction to the knowledge and resources needed to be an effective fire investigator. Starting with details on how to use available investigation resources and the basics of fire science and investigation methodology, this textbook then continues by discussing processes and special considerations for investigating specific types of fires and explosions.

## WHAT'S NEW AND NOTABLE

- Covers the entire spectrum of both the 2017 edition of NFPA 921: *Guide for Fire and Explosion Investigation* and the 2014 edition of NFPA 1033: *Standard for Professional Qualifications for Fire Investigator*.
- Meets and exceeds the FESHE course objectives and outcomes for the *Fire Investigation I* (C0283) and *Fire Investigation II* (C0284) model curricula.



# Applications of Fire Research and Improvement

SECOND EDITION

Mic Gunderson

Jeffrey Lindsey

ISBN: 978-1-284-20645-6 – With Printed Text

ISBN: 978-1-284-26871-3 – Digital Access Only

116 pages | ©2019

<http://go.psglearning.com/afri2e>

*Applications of Fire Research and Improvement, Second Edition* provides the basic principles of research and research-based improvement methodologies for analyzing fire-related processes research. Authors Mic Gunderson and Jeffrey Lindsey blend both academic information for the student and real world applications for the practicing fire professional.

## WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Applications of Fire Research* model curriculum (C0260).
- Covers a comprehensive approach to fire research and fire process improvement based on application of the scientific method, accessible to all fire service personnel interested in the latest and most cutting edge research and improvement methods in their field.
- Real world application and integration of case studies.



# Fire Inspector Principles and Practice

REVISED ENHANCED FIRST EDITION

International Association of Fire Chiefs

National Fire Protection Association

ISBN: 978-1-284-13774-3 – With Printed Text

ISBN: 978-1-284-13775-0 – Digital Access Only

356 pages | © 2012

<http://go.psglearning.com/fireinspector>

*Fire Inspector: Principles and Practice, Revised Enhanced First Edition* is designed to prepare fire inspectors to ensure the highest standards of fire and life safety in their communities. The textbook is built on a solid foundation of the basics: building construction, fire growth, and types of occupancies. This fundamental knowledge is presented in a concise, understandable writing style that is easy to digest and recall. The solid foundation of fire and building knowledge then branches out to show the fire inspector how abstract concepts and codes will be concretely applied on a daily basis.

## WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Fire Prevention Organization and Management* model curriculum (C0264).
- Meets and exceeds the job performance requirements for level I and II fire inspectors from Chapters 4 and 5 of NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner, 2014 Edition.
- Updated content in Chapter 12: Ensuring Proper Storage and Handling Practices to reflect changes from NFPA 55, Compressed Gases and Cryogenic Fluids.
- Added coverage of ventilation-limited fire within Chapter 4: Fire Growth.
- NFPA 1031 Correlation Guide that maps NFPA objectives to corresponding textbook chapters and pages.





# Fire and Emergency Services Administration Management and Leadership Practices

## THIRD EDITION

L. Charles Smeby Jr.

ISBN: 978-1-284-18021-3 – With Printed Text

ISBN: 978-1-284-21539-7 – Digital Access Only

288 pages | © 2022

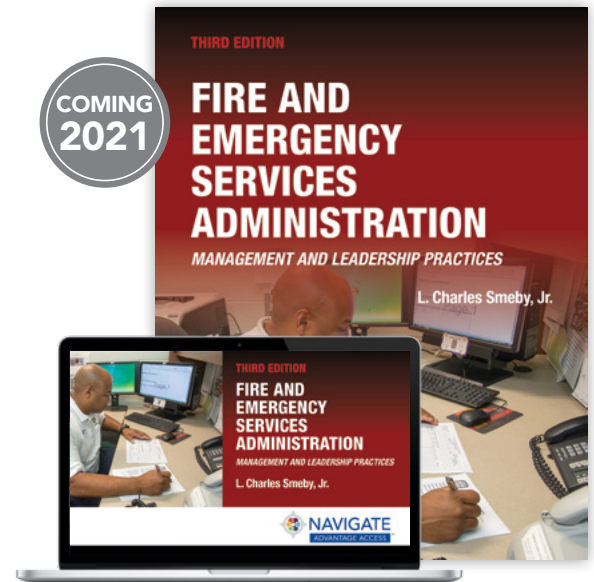
<http://go.psglearning.com/fesadmin3e>

*Fire and Emergency Services Administration: Management and Leadership Practices, Third Edition* includes educational material for fire science administrative college courses, promotional exam material, and self-study by FES Chief Officers to increase their professional and effective influence.

To effectively administer a modern public safety organization and the various components within them, individuals must possess a solid understanding of the always-changing issues that face the fire and emergency medical services. The *Third Edition* has been completely updated to deliver the very latest information needed to understand these challenges and will assist chief officers in making the proper decisions that can impact all aspects of their organization.

### WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Fire and Emergency Services Administration* model curriculum (C0271).
- Expanded emphasis on management and leadership of EMS operations.
- Updated budgeting financial strategies, including advice on how to overcome shrinking budgets and economic downturn.
- New guidance on hiring and diversity and expanded coverage on training, education, and fire fighter safety.



# Community Risk Reduction Principles and Practice

Beverly E. Walker

ISBN: 978-1-284-19505-7 – With Printed Text

ISBN: 978-1-284-23020-8 – Digital Access Only

400 pages | © 2022

<http://go.psglearning.com/crr>

The first of its kind, *Community Risk Reduction: Principles and Practice* provides a concise and comprehensive look at Community Risk Reduction for emergency services organizations. The Community Risk Reduction model is presented in an easy-to-understand format, so that emergency responders from all types of departments will be able to follow the model and be successful in their Community Risk Reduction efforts. The textbook provides a foundation for integrating CRR initiatives in all organizations by any personnel at any rank or level. The concepts of community risk assessment, causal chain analysis, intervention design, organizational and community equity, as well as program evaluation and sustainability are presented and incorporated into a Community Risk Reduction Plan. The role of the Community Risk Reduction Champion is emphasized throughout this textbook and describes how any interested individual can take on the role of Champion in their organization. The knowledgeable author has real-world experience in the field of Community Risk Reduction, having served as an officer, instructor and practitioner in the fire service, specifically for Community Risk Reduction, for over 25 years.

### WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Community Risk Reduction for Fire and Emergency Services* model curriculum (C0287).
- An emphasis on practical application and knowledge, and the step by step process of Community Risk Reduction is enhanced by actual examples and illustrations to illuminate the critical components of Community Risk Reduction model and planning process.



# Fire Service Ethics

H. Scott Walker

ISBN: 978-1-284-17165-5 – With Printed Text

ISBN: 978-1-284-18939-1 – Digital Access Only

346 pages | ©2020

<http://go.psglearning.com/fireserviceethics>

**Fire Service Ethics** is the first textbook developed specifically to help fire service personnel manage ethical dilemmas. No other profession places such a discretionary burden on its practitioners as the fire service. The military, law enforcement, medical profession, and legal profession all provide a robust set of ethical policies and guidelines to their members. **Fire Service Ethics** provides a foundation for creating ethical boundaries and will aid fire fighters and fire service leaders in dealing with complex issues.

## WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Fire Service Ethics* model curriculum (C0303).
- The author, H. Scott Walker, developed the FESHE course (*Fire Service Ethics*). He then wrote the book to meet the course objectives and outcomes..
- Divided into four sections (Foundations, Ethics on the Line, Administrative Ethics, and Applied Ethics) to create a natural flow of learning.





# Hazardous Materials Managing the Incident

REVISED FOURTH EDITION

Gregory G. Noll

Michael S. Hildebrand

Contributions by Glen Rudner and Rob Schnepf

ISBN: 978-1-284-18834-9 – With Printed Text

ISBN: 978-1-284-18835-6 – Digital Access Only

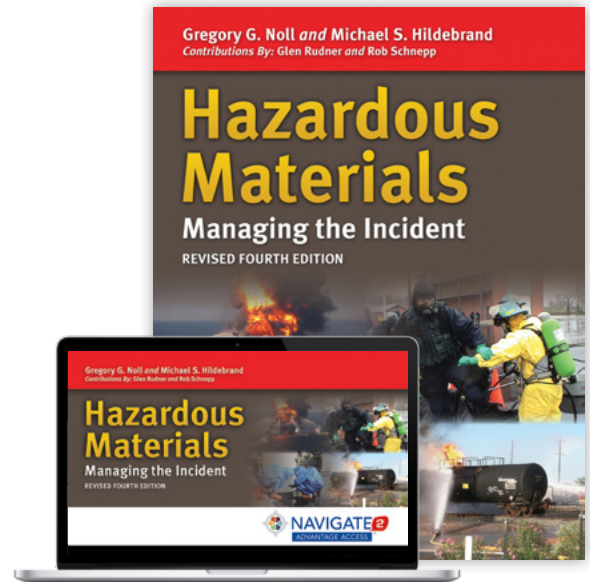
510 pages | © 2014

<http://go.psglearning.com/hazmatmti>

*Hazardous Materials: Managing the Incident, Fourth Edition* is widely used by fire fighters, hazmat teams, bomb squads, industrial emergency response teams, and other emergency responders who may manage unplanned hazardous materials incidents. The textbook contains comprehensive content covering hazard assessment and risk evaluation, identification of problems and implementation of response plans, hazardous materials properties and effects, decontamination procedures, The Eight-Step Process®, and much more. Due to changing government regulations and consensus standards, as well as the need for terrorism response training, the authors have modified and refined their process of managing hazmat incidents and added enhanced content, tips, case studies, and detailed charts and tables.

## WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Managerial Issues in Hazardous Materials* model curriculum (C0274).
- New NFPA 1072 and 472 Correlation Guide for the Hazardous Materials Technician and Hazardous Materials Incident Commander levels has been added.
- Realistic, detailed case studies and practical, step-by-step skill drills.



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## EMS Supervisor Principles and Practice

Orlando Dominguez

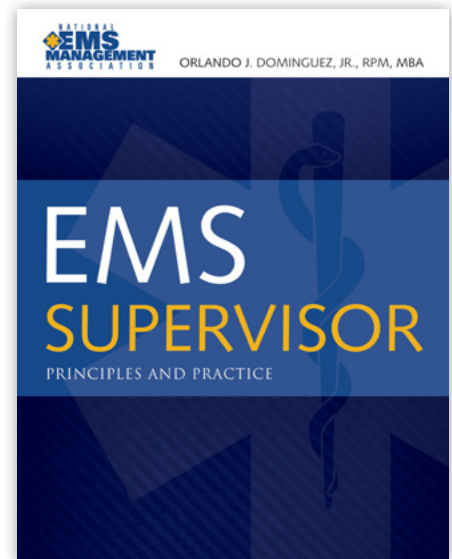
ISBN: 978-0-763-77643-5 – Printed Text Only  
310 pages | © 2016

<http://go.psglearning.com/emssupervisor>

**EMS Supervisor: Principles and Practice** offers an introduction to creating and maintaining a successful EMS organization through chapters on managerial leadership, team building, professional communications, quality improvement, customer service, strategic planning, crisis management, and budgeting. Establishing knowledge and authority in these areas is crucial to success as an EMS officer. The concept of five key business priorities (5 BPs), reinforced in each chapter, underlines the primary considerations for EMS officers taking on new responsibilities: People, strategic objectives, financial management objectives, learning objectives, and a culture of quality.

### WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Management of Emergency Medical Services* model curriculum (C0244).
- Discuss the basic philosophy, organization, and operation of injury prevention and risk-reduction programs.
- Compare and contrast management and leadership.
- Provide practical examples of the principles of customer service in EMS.
- Apply the technique for conducting an effective performance appraisal and identify strategies to optimize reimbursement for EMS services.
- Apply quality improvement techniques to various aspects of EMS operations.
- Define due process and apply the principles of a progressive disciplinary program.
- Define ethical behaviors and the decision-making strategies when faced with an ethical dilemma.



## Foundation of EMS Systems

THIRD EDITION

Bruce Walz

Jason Zigmont, PhD

ISBN: 978-1-284-04178-1 – Printed Text Only  
308 pages | © 2017

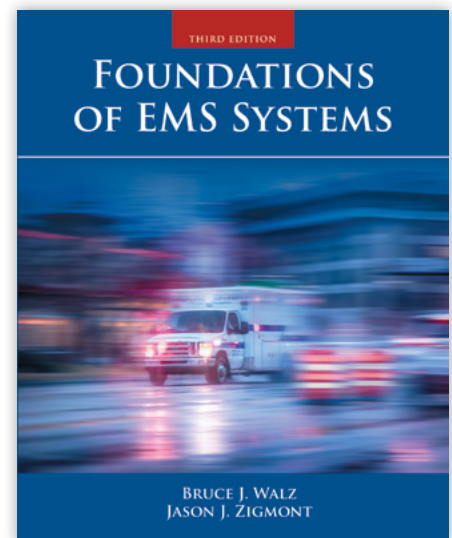
<http://go.psglearning.com/foundationems3e>

**Foundations of EMS Systems, Third Edition** is an introductory text in the emergency medical services (EMS) series. It provides an overview for students, administrators, government officials, and others who need to know about the emergency medical services system.

Because EMS is both an evolving system and a technical field, change is constantly occurring both in the clinical aspects of patient care and in the delivery of EMS services. This change has been evident in EMS over the past few years as a result of the significant changes in the scope of practice and education of EMS providers.

### WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *Foundation of EMS Systems* model curriculum (C0297).
- Updated to cover significant developments in EMS over the last decade.
- Changes in disaster response, with a special emphasis on NIMS integration.
- The expanding role of prehospital providers as an integrated part of the health care system, including the role of the community paramedic.



# Fire and Emergency Services Instructor

## Principles and Practice

THIRD EDITION

International Association of Fire Chiefs  
National Fire Protection Association  
Forest F Reeder; Alan E Joos

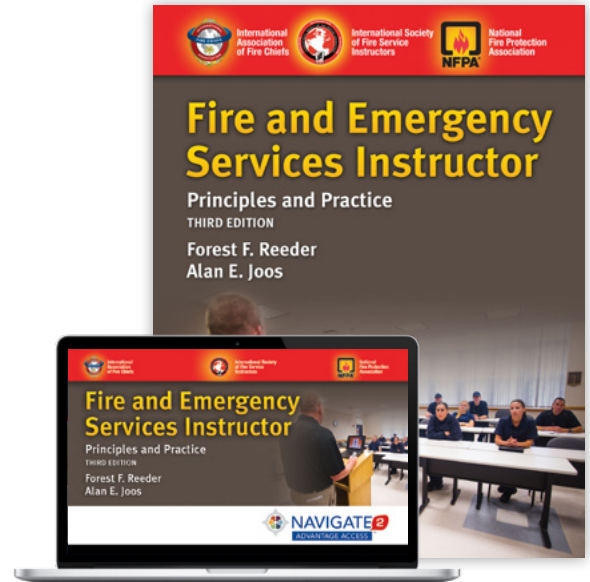
ISBN: 978-1-284-17233-1 – With Printed Text  
ISBN: 978-1-284-17597-4 – Digital Access Only  
512 pages | ©2020

<http://go.psglearning.com/fireemsinstruct3e>

With a full library of technological resources to engage candidates and assist instructors, ***Fire and Emergency Services Instructor: Principles and Practice, Third Edition*** takes training off the printed page. This text meets and exceeds all of the job performance requirements (JPRs) for Fire and Emergency Services Instructor I, II, and III, as well as two new levels for Live Fire Instructor and Live Fire Instructor-in-Charge, of the 2019 Edition of NFPA 1041, Standard for Fire and Emergency Services Instructor Professional Qualifications. Tips in the textbook are geared toward the company-level instructor, department training officer, and training program manager offering instruction techniques, test writing and evaluation pointers, and helpful notes on communication and curriculum delivery. It includes realistic instructor scenarios with questions designed to provoke critical thinking in the learning environment

### WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *EMS Education* model curriculum (C0240).
- New content that meets the live fire instructor and live fire instructor-in-charge JPRs of NFPA 1041, including Live Fire Evolution, Pre-Live Fire Evolution, and Post-Live Fire Evolution.
- Expanded explanation of learning science and evidence-based techniques for improved learning.
- Added in-depth discussion of student-centered learning and learner-centered teaching methods and strategies.



# Fire and Life Safety Educator

## Principles and Practice

SECOND EDITION

Marsha Giesler

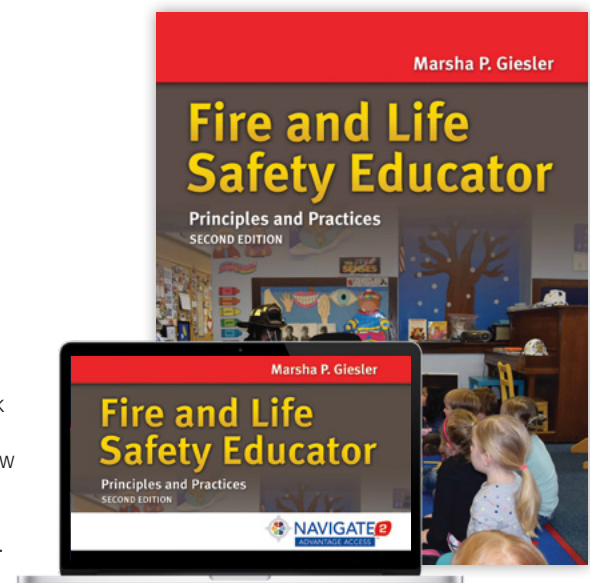
ISBN: 978-1-284-04197-2 – With Printed Text  
ISBN: 978-1-284-21274-7 – Digital Access Only  
424 pages | © 2018

<http://go.psglearning.com/lifesafety>

***Fire and Life Safety Educator: Principles and Practice, Second Edition*** is written for practitioners, managers, and supervisors, as well as for those who are new to the FLSE field, covering fire behavior and prevention, code compliance, community risk reduction, risk assessment, and working with the public. Based solidly on research and proven tactics, it describes community outreach methods, how to effectively teach fire and life safety, and how to market prevention and preparedness messages to all age groups. This ***Second Edition*** covers all aspects of designing, budgeting for, and managing a fire and life safety program; public relations and persuasion tactics; legal considerations; and best professional practices.

### WHAT'S NEW AND NOTABLE

- Meets and exceeds the FESHE course objectives and outcomes for the *EMS Public Information and Community Relations* model curriculum (C0245).
- Meets the objectives of NFPA 1035 (2015) for FLSE Levels I, II, III, Public Information Officer, Youth Firesetter Intervention Specialist, and Youth Firesetter Program Manager.
- New chapters are included to address the public information officer role and specific responsibilities, Youth Firesetter intervention strategies, and Youth Firesetter program implementation.





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