

## Ifsta Company Officer 4th Edition Test Questions File Type

1. General collapse information 2. Terms of construction and building design 3. Building construction: firefighting problems and structural hazards 4. Masonry wall collapse 5. Collapse dangers of parapet walls 6. Wood floor collapse 7. Sloping peak roof collapse 8. Timber truss roof collapse 9. Flat roof collapse 10. Lightweight steel roof and floor collapse 11. Lightweight wood truss collapse 12. Ceiling collapse 13. Stairway collapse 14. Fire escape dangers 15. Wood-frame building collapse 16. Collapse hazards of buildings under construction 17. Collapse caused by master stream operations 18. Search-and-rescue at a building collapse 19. Safety precautions prior to collapse 20. Why the World Trade Center Towers collapsed 21. High-rise building collapse 22. Post-fire analysis 23. Early floor collapse EPILOGUE: Are architects, engineers, and code-writing officials friends of the firefighters? This book has been revised and expanded to include new material on decentralization, further incident reporting, and post-control activities, estate homes, New Millennium multiple dwellings, storage occupancies, strategic considerations of renovation and more."--BOOK JACKET.

This study guide is an excellent tool to assist firefighters, fire officers, and chief officers in learning and absorbing the textbook *Strategic and Tactical Considerations on the Fireground*. It is designed in a question and answer format to reinforce the text in an easy to read and remember style.

*The Complete Fire Officer III and IV Training Solution!* Chief officers need to know how to make the transition from company officer to chief officer. *Chief Officer: Principles and Practice* is designed to help make the transition from company officer to chief officer a smooth evolution. Covering the entire scope of Levels III and IV from the 2009 Edition of NFPA 1021, *Standard for Fire Officer Professional Qualifications*, *Chief Officer* combines current content with dynamic features and interactive technology to better support instructors and to help prepare future chief officers to become problem-solving leaders for their organizations. *Chief Officer: Principles and Practice* has a clear focus on instilling fire fighter safety throughout an organization's culture. Reducing fire fighter injuries and deaths requires the dedicated efforts of every fire fighter, fire officer, and fire department. The entire fire community must work together to achieve one common goal: to ensure that everyone goes home. Chief officers therefore set the tone for safety in their organization, and this textbook embraces that philosophy. It is with this goal in mind that the 16 Firefighter Life Safety Initiatives, developed by the National Fallen Firefighters Foundation, are integrated throughout the text. The features in this textbook will help students take that extra step toward becoming outstanding chief officers. These features include: • *Scenario-Based Learning*. *You Are the Chief Officer* and *Chief Officer in Action* are found in each chapter to encourage and foster critical thinking skills. • *Practical Tips for the Chief Officer*. *Chief Officer Tips and Voices of Experience* essays are integrated into each chapter to provide helpful advice from experienced chief officers. • *Level IV Job Performance Requirements*. *Fire Officer Level IV* content is highlighted to discern Level III JPRs from Level IV. • *Walk the Talk*. Additional activities encourage students to take what they have learned in the chapter and apply it to their own department.

*The Fire Chief's Handbook, 7th Edition*

OCCUPATIONAL SAFETY, HEALTH AND WELLNESS 4TH EDITION.

*Fire Officer*

*ICS, Strategy Development, and Tactical Selections, Book 1, 2e*

*Management in the Fire Service*

Aims to provide the knowledge and skills base for Fire Officer III and IV candidates that is required by the NFPA 1021 job performance requirements. The text provides students with the officer's responsibility to supervise, manage, and administer fire and emergency services organizations.

By Robert Murgallis This book details the basic processes that apply to all incidents as well as some of the specific procedures necessary to make effective decisions at certain command incident scene decision-making in depth, presenting the two current and successful methodologies for making emergency decisions. The authors explain the basic ICS elements in a clear and concise manner and introduce the concepts of Unified Command, Complex Command, Area Command, and Incident Management Teams. This text adds to information given in *Command and Control* materials and new occupancy types.

The fourth edition of *Structural Firefighting: Strategy and Tactics* meets and exceeds the course objectives and outcomes for the National Fire Academy's Fire and Emergency Services (FESHE) non-core course, *Strategy and Tactics (CO279)*. *Structural Firefighting: Strategy and Tactics* prepares the fire officer to take command at structure fires, effectively using the tools of this text is to explain proven tactics and strategies used at structure fires. It is designed to be used by all fire officers, from company officer to chief of department. The Fourth Edition provides the tools to achieve maximum productivity under adverse fireground conditions. It references NFPA fire investigations, applicable NFPA statistics and standards, the NIOSH Firefighter Fatality 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. The Fourth Edition contains new content on integration of initial rapid intervention crews, updated content on vent-enter-isolate tactics, while continuing to emphasize the role of preincident planning and command decisions that maximize life safety, extinguishment, and property conservation. A multitude of case studies

extensive end-of-chapter activities promote application of chapter content and critical thinking skills. This text allows a company officer or incident commander to learn fireground pace, thus reducing the cost in lives and property associated with learning by experience only. The Fourth Edition also includes: New and significantly expanded, in-depth Suggested reader to apply the strategies and tactics presented in each chapter Incident Summaries that summarize real fireground events and lessons learned Fallacy/Fact boxes that defuse Updated statistics on significant fires in various occupancy types Safety and strategy tips throughout each chapter

This new IFSTA manual details the training required of Company Officers according to NFPA® 1021, Standard for Fire Officer Professional Qualifications, 2014 Edition. The manual is sections to make a clear distinction between the information needed for Fire Officer Level I and Fire Officer Level II. Both print and eBook formats are available. There is no shortage officer might face in the everyday operation of a fire company or unit. This manual addresses the wide range of topics and issues encountered by a company officer, from leadership safety issues. Great attention was given to focus on the job performance requirements of NFPA® 1021. The fifth edition of Fire and Emergency Services Company Officer builds on manual while presenting the material in a more concise manner to make it easier for students to read and instructors to teach. By merging related topics, the number of chapters fourth edition to 17 in the new manual while preserving the material related to the NFPA® standard. The number of appendices was reduced from 20 to 4 by removing information media. Along with reducing the volume of material from the fourth edition, the fifth edition of Fire and Emergency Services Company Officer offers several new features. The manual IFSTA's single-column format and upgraded and updated curriculum components. Learning activities are included to help instructors present the material to their students. Case Histories illustrate important lessons learned in the real world. Photographs, illustrations, and tables are included throughout the manual to illustrate key points and improve the overall instructional material.

Fire Detection and Suppression Systems

Vehicle Extrication

Essentials of Fire Fighting and Fire Department Operations

Fundamentals of Fire Fighter Skills

Firefighter's Handbook on Wildland Firefighting

The third edition of Legal Considerations for Fire & Emergency Services is a reader-friendly guide to the challenging legal issues that firefighters and emergency service personnel encounter. Written by Varone, a practicing attorney as well as an experienced firefighter, this book explores such key topics as fire department liability, search and seizure, sovereign immunity, overtime laws, collective bargaining compliance, workers' compensation, physical abilities testing, medical examinations, drug testing, discrimination, and sexual harassment. It is a perfect textbook for any course on fire service law and an indispensable desk reference for day-to-day fire department administration. Features of the new 3rd Edition: • Updated cases on several topics including residency requirements, employment discrimination, and more • Expanded treatment of hot topics such as digital imagery, social media, and electronic surveillance • Meets the latest requirements for FESHE's Legal Aspects of the Fire Service curriculum • Includes photos and graphics to help connect cases to day-to-day issues in the fire service • Coverage of recent changes to search and seizure law, use of digital photos and social media by emergency personnel • Fire department liability

Brannigan's Building Construction for the Fire Service, Fourth Edition is a must read for fire fighters, prospective fire fighters, and fire science students. This edition continues the Brannigan tradition of using plain language to describe technical information about different building types and their unique hazards. This text ensures that critical fire fighting information is easy-to-understand and gives valuable information to fire fighters before stepping onto the fireground. The first edition of Building Construction for the Fire Service was published in 1971. Frank Brannigan was compelled to write the most comprehensive building construction text for the fire service so that he could save fire fighters' lives. His passion for detail and extensive practical experience helped him to develop the most popular text on the market. "Your buildings," informs every aspect of this new edition of the text. Listen to a Podcast with Brannigan's Building Construction for the Fire Service, Fourth Edition co-author Glenn Corbett to learn more about the training program! Glenn discusses his relationship with the late Frank Brannigan, the dangers of heavy construction timber, occupancy specific hazards, and other areas of emphasis within the Fourth Edition. Listen now, visit: [http://d2jw81rkebrcvk.cloudfront.net/assets.multimedia/audio/Building\\_Construction.mp3](http://d2jw81rkebrcvk.cloudfront.net/assets.multimedia/audio/Building_Construction.mp3).

This textbook matches the course outline and objectives identified by the National Fire Academy's Fire and Emergency Services Higher Education (FESHE) committee for the Building Construction for Fire Protection core course. This new 3rd edition provides the reader with basic instruction about how buildings are designed and constructed and how this relates to emergency operations. In addition to building construction principles, a new emphasis is placed on firefighter safety, newer types of construction that may be difficult to identify, and green construction principles. This edition is illustrated with photos, case histories that emphasize real-life safety principles, key terms, and review questions. Fire inspectors, preincident planners, fireground commanders, investigators, and firefighters will all find valuable information in this new edition.

Each new print copy of Occupational Safety and Health in the Emergency Services, Fourth Edition also includes Navigate 2 Advantage Access that unlocks a complete eBook, Study Center, homework management system, Assessment Center, and a dashboard that reports actionable data. Experience Navigate 2 today at [www.jblnavigate.com/2](http://www.jblnavigate.com/2). Designed for use within courses based on the Fire and Emergency Services Higher Education (FESHE) Occupational Safety and Health for Emergency Services model curriculum, Occupational Safety and Health in the Emergency Services, Fourth Edition provides a comprehensive overview of 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, providing a safer work environment that reduces first responder deaths and injuries. Occupational Safety and Health in the Emergency Services features a laser-like focus on fire fighter health and safety and how to stay safe and healthy in a high-risk environment.

Fire Investigator: Principles and Practice to NFPA 921 and 1033

Fire Officer's Handbook of Tactics

Fireground Strategies

Legal Considerations for Fire and Emergency Services, 3rd Edition

Strategic and Tactical Considerations on the Fireground Study Guide

*The third edition of Fire Department Incident Safety Officer has been thoroughly updated to cover the latest trends, information, and best-practices needed by current and aspiring Incident Safety Officers (ISO's). Developed in partnership with the Fire Department Safety Officer's Association and based on the 2015 Edition of NFPA 1521, Standard for Fire Department Safety Officer Professional Qualifications, this authoritative resource focuses uniquely on the roles, responsibilities, and duties for fire service officers assigned to the incident command staff position of safety officer. From smoke reading to alternative energy sources to green construction buildings, Fire Department Incident Safety Officer, Third Edition is loaded with up-to-date information needed to keep fire department members safe, including: A new chapter dedicated to the Incident Safety Officer at Training Drills and Special Events Entire chapters devoted to important topics like reading smoke, reading buildings,*

*By Burton Phelps and Robert Murgallis This book covers incident scene decision-making in depth; provides techniques to enhance a firefighter's ability to make rapid, correct decisions based on knowledge of various types of occupancies; and addresses the development of strategy and tactics and the size-up process. This book presents the Incident Command System (ICS) from the perspective of day-to-day application. While branch operations, complex command, and area command are discussed in the book, the ICS presented in this book principally addresses those functions needed to handle the majority of incidents to which firefighters respond. Specific information common to types or groups of occupancies is presented with examples, and reader activities are included in each chapter. Occupancy specific cues, cue-based decision-making, incident management cues, and strategy and tactics are provided for each occupancy type covered in the text.*

*Chief officers need to know how to make the transition from company officer to chief officer. Chief Officer: Principles and Practice is designed to help make the transition from company officer to chief officer a smooth evolution. Covering the entire scope of Levels III and IV from the 2014 Edition of NFPA 1021, Standard for Fire Officer Professional Qualifications, Chief Officer: Principles and Practice is your complete Fire Officer III & IV training solution*

*This version includes all 21 chapters of Essentials of Fire Fighting, 6th Edition and adds three chapters written and validated to meet the emergency medical and hazardous materials requirements of NFPA® 1001, 2013 Edition. Chapter 22 specifically addresses the Firefighter I and Firefighter II knowledge and skills requirements for the emergency medical care competencies identified in NFPA® 1001, 2013 Edition Chapter 4. Chapters 23 and 24 meet the First Responder Awareness and Operations Levels for Responders according to NFPA® 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents, 2012 Edition and OSHA 1910.120. The chapters also provide validated content to meet Section 6.6, Mission-Specific Competencies: Product Control, of NFPA® 472. The hazardous materials information is adapted from the IFSTA Hazardous Materials for First Responders, 4th Edition.*

*Exam Prep*

*Strategy, Tactics, and Safety*

*Exam Prep: Fire Officer I & II*

*Chief Officer*

*Collapse of Burning Buildings, 2nd Edition*

***Modern firefighting is a continually evolving science with new technologies constantly being applied to the fire service. In the latest edition of this perennial favorite, Norman examines these new technologies and how they affect fire ground tactics. He also details the new role firefighters play in homeland security.***

***This new revised edition of the 2002 best-selling text and training book, covers all the nuts and bolts of organizing and deploying resources, including organizational structure, fire station location planning, fiscal management, maintenance and replacement of vehicles and equipment, and personnel practices. The coverage of human resource management includes recruitment and selection, promotion, diversity, labor relations, and the impact of external mandates. The section on leadership explores best management practices, employee empowerment, and implementing change. Coverage also includes: fire prevention and life safety education, technology and information management, terrorism and disaster preparedness, intergovernmental cooperation, risk management, legal, liability, and regulatory issues, plus health and wellness. (Replace ISBN 978-0-87326-128-9)***

***Sharpen Your Leadership Skills And Improve Departmental Performance! This Revised Edition Of Management In The Fire Service Is The Best Source For Proven Strategies On Handling The Managerial Challenges Unique To Your Field. You'll Find The Latest On Vital Topics Such As Pre-Fire Planning, Incident Command, Public Fire And Life Safety Education, Management Of Financial Resources, And Training. New Chapters On Fire Prevention, Code Enforcement, And Labor Relations In The Fire Service Are Also Included. Boost Your Effectiveness In Motivating, Supervising, And Evaluating Personnel, And Apply Management Theory Principles To Actual Service Situations. From Chief And Company Officers To Fiscal, Personnel, And Administrative Managers, If You're In A Management Position, This Book Will Boost Your***

## **Performance!**

**The 4th edition of Fire and Emergency Services Company Officer provides emergency services personnel with information necessary to meet the JPRs of NFPA 1021, Standard for Fire Officer Professional Qualifications for level I and II fire officers. The manual presents information specific to the duties of first-line supervisors and midlevel managers. The information in this manual provides officer candidates and current officers with supervisory and managerial knowledge for developing successful leadership and administrative skills.**

### **Firefighting Strategies and Tactics**

#### **Fire Department Incident Safety Officer**

#### **Managing Fire and Emergency Services**

#### **Introduction to Fire Origin and Cause**

#### **Chief Officer: Principles and Practice**

"Fire and emergency services personnel provide more than just fire protection. Quite often they are called upon to extricate patients from vehicles (automobiles, trucks, buses, trains, etc.) that have been involved in accidents. Occasionally, these extrication incidents involve uncommon locations or situations where the vehicles involved may have entered the water or structures, or are hanging from overpasses or bridges. Rescue personnel may also have to extricate patients who have become entrapped in machinery or amusement park rides. The 3rd edition of Principles of Vehicle Extrication addresses Sections 6.4.1 and 6.4.2 of NFPA® 1001 (2008); Chapter 4, Chapter 5 (Sections 5.1, through 5.5), and Chapter 10 of NFPA® 1006 (2008); and Chapters 4, 8, and 12 of NFPA® 1670 (2009). The 3rd edition of Principles of Vehicle Extrication contains updated information on the hazards presented by extrication operations, vehicle extrication incident management, vehicle anatomy, passenger restraint systems, vehicle extrication tools and equipment, hybrid-powered vehicles, machinery extrication situations and procedures, and emergency medical system considerations at extrication operations."--Publisher.

The Fire Chief's Handbook, 7th Edition continues Fire Engineering's 82-year tradition of publishing the definitive resource for advanced fire service training. The text has been completely updated to meet the changing environment and added responsibilities of the fire service. Returning authors have rewritten their chapter to address today's leadership and administrative concerns, while new authors are also introduced to offer new perspectives. This comprehensive guidebook is designed for firefighters, company officers, and chief officers of all ranks and department types who want the latest information on the fundamentals of leadership in the fire service, as well as managing the day-to-day operations of a fire department.

#### Fire and Emergency Services Company Officer

This textbook was developed as a joint project between the National Fallen Firefighters Foundation (NFFF) and Fire Protection Publications. It provides a detailed overview and implementation strategies for the 16 Fire Fighter Life Safety Initiatives that were developed by the NFFF at their landmark summit in 2004. Each of the chapters was written by a different highly-respected fire service subject matter expert on that topic. This text provides the information necessary to meet the FESHE courses Principles of Fire and Emergency Services Safety and Survival (associate degree level) and Advanced Principles in Fire and Emergency Services Safety and Survival (bachelor degree level).

#### A Guide to Fireground Safety

#### Fire and Emergency Services Company Officer

#### Command and Control

#### Building Construction Related to the Fire Service

#### ICS, Strategy Development, and Tactical Selections

At head of title: International Association of Fire Chiefs.

The National Fire Protection Association (NFPA) And The International Association Of Fire Chiefs (IAFC) Are Pleased To Bring You The Second Edition Of Fire Officer: Principles And Practice, A Modern Integrated Teaching And Learning System For The Fire Officer I And II Levels. Fire Officers Need To Know How To Make The Transition From Fire Fighter To Leader. Fire Officer: Principles And Practice, Second Edition Is Designed To Help Fire Fighters Make A Smooth Transition To Fire Officer. Covering The Entire Scope Of NFPA 1021, Standard For Fire Officer Professional Qualifications, 2009 Edition, Fire Officer Combines Current Content With Dynamic Features And Interactive Technology To Better Support Instructors And Help Prepare Future Fire Officers For Any Situation That May Arise. Safety Is Principle! The Second Edition Features A Laser-Like Focus On Fire Fighter Safety. Reducing Fire Fighter Injuries And Deaths Requires The Dedicated Efforts Of Every Fire Fighter, Fire Officer, Fire Department, And The Entire Fire Community Working Together. It Is With This Goal In Mind That We Have Integrated The 16 Firefighter Life Safety Initiatives Developed By The National Fallen Firefighters Foundation Into The Text. Likewise, In Each Of The Chapters, Actual National Fire Fighter Near-Miss Reporting System Cases Are Discussed To Drive Home Safety And The Lessons Learned From Those Incidents. Some Of The Guiding Principles Added To The New Edition Include: •Description Of The "Everybody Goes Home" And The National Fire Fighter Near-Miss Reporting System, Including Over A Dozen Company Officer Near-Miss Examples Throughout The Text. •Description Of The IAFC/IAFF Firefighter Safety And Deployment Study. •The Latest Fire Fighter Death And Injury Issues As Reported By The NFPA? National Fallen Firefighters Foundation, IAFC, And IAFF, Including Results Of A Thirty-Year Retrospective Study. •Changes In Fire-Ground Accountability And Rapid Intervention Practices. •Results Of National Institute Of Standards And Technology Research On Wind-Driven Fires, Thermal Imaging Cameras, And Fire Dynamics As Related To Fire Fighter Survival. •The Latest Developments In Crew Resource Management. The Second Edition Also Reflects The Latest Developments In: •Building A Personal Development Plan Through Education, Training, Self-Development, And Experience, Including A Description Of The Fire And Emergency Services Higher Education (FESHE) Program. •The Impact Of Blogs, Video Sharing, And Social Networks. •How To Budget For A Grant. •Changes In The National Response Framework And National Incident Management System. Additional Items Related To Fire Fighter Safety And Health Are Included.

The Fourth Edition of Firefighting Strategies and Tactics meets and exceeds the course outcomes of the National Fire Academy's Fire and Emergency Services Higher Education (FESHE) course Strategy and

Tactics (C0279). Firefighting Strategies and Tactics, Fourth Edition is a valuable resource for fire fighters studying for promotion or taking civil service examinations. The 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, each chapter building on the previous foundation to provide a broad understanding of firefighting strategy and tactics. Firefighting Strategies and Tactics, Fourth Edition 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 Wildland fires The Fourth Edition also includes: An Emphasis on Safety--Safety and professionalism are stressed throughout the chapters and are reinforced through discussions of incident effectiveness, hazard awareness, and strategic decision-making. Information for Today's Fire Service--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. Engaging Case Studies--Opening each chapter, case studies highlight actual events to emphasize the importance of developing sound strategies and tactics to fight fires effectively and safely. Additional case studies close out each chapter and provide students an opportunity to test their understanding in a safe environment. Knowledge in Action--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.

"This text meets the course outcomes of the National Fire Academy's Fire and Emergency Services Higher Education (FESHE) associate level strategy and tactics course. It provides an overview of common firefighting concepts from fire dynamics to extinguishing agents, to incident management, to fire fighter safety, to building construction, to preincident planning to post incident analysis"--Back cover.

Fire and Emergency Services Instructor

Principles and Practice

Fire officer's handbook of tactics

Understanding and Implementing the 16 Firefighter Life Safety Initiatives

The Second Edition of Exam Prep: Fire Officer I & II is designed to thoroughly prepare you for a Fire Officer I or II certification, promotion, or training examination by including the same type of multiple-choice questions you are likely to encounter on the actual exam. To help improve examination scores, this preparation guide follows Performance Training Systems, Inc.'s Systematic Approach to Examination Preparation. Exam Prep: Fire Officer I & II is written by fire personnel explicitly for fire personnel, and all content has been verified with the latest reference materials and by a technical review committee. Your exam performance will improve after using this system!

Fire Investigator: Principles and Practice updates the resource previously known as User's Manual for NFPA 921, 2004 Edition. Through a clear, concise presentation, Fire Investigator assists fire investigators in conducting complex fire investigations. Written by talented professional fire investigators from the International Association of Arson Investigators (IAAI), this text covers the entire span of the 2008 Edition of NFPA 921, Guide for Fire and Explosion Investigations and addresses all of the job performance requirements in the 2009 Edition of NFPA 1033, Standard for Professional Qualifications for Fire Investigator. This text is the benchmark for conducting safe and systematic investigations. Key features include: new chapter on Marine Fire Investigations; coverage of the 2009 Edition of NFPA 1033; supported by a complete teaching and learning system. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

John Norman has updated his best-selling book, a guide for the firefighter and fire officer who, having learned the basic mechanics of the trade, are looking for specific methods for handling specific situations. In this new fourth edition, readers will find a new chapter on lightweight construction, a new chapter on electrical fires and emergencies, updates to many chapters including such topics as wind-driven fires, and many new illustrations.

This text deals with the basics of wildland and forest firefighting. It has been totally revised and is now in full color.

Fire Fighter I & II

Company Officer's Handbook

Occupational Safety and Health in the Emergency Services

ICS, Strategy Development and Tactical Selections

Study guide