

Pathway Assessment Blueprint

Emergency and Fire Management Services



Test Code: 1135/ Version: 01

General Assessment Information

Blueprint Contents

General Assessment Information
Written Assessment Information

Sample Written Items
Specific Competencies Covered in the Test

Test Type: The Emergency and Fire Management Services industry-based credential is included in NOCTI's Pathway assessment battery. Pathway assessments assess knowledge and skills at a broader level than the Job Ready assessments and focus on the Pathways established as part of the national career cluster model. Pathway assessments are delivered entirely online which allows NOCTI to include engaging interactive items.

Revision Team: The assessment content is based on input from secondary, post-secondary, and business/industry representatives from the states of Florida, Georgia, Kentucky, Michigan, New Jersey, North Carolina, Pennsylvania, and Virginia.



43.0299-Fire Protection, Other



Career Cluster 12-Law, Public Safety,
Corrections and Security



The Association for Career and Technical Education (ACTE), the leading professional organization for career and technical educators, commends all students who participate in career and technical education programs and choose to validate their educational attainment through rigorous technical assessments. In taking this assessment you demonstrate to your school, your parents and guardians, your future employers and yourself that you understand the concepts and knowledge needed to succeed in the workplace. Good Luck!



NATIONAL COLLEGE CREDIT RECOMMENDATION SERVICE
University of the State of New York - Regents Research Fund

In the lower division
baccalaureate/associate degree
category, 3 semester hours in
Emergency and Fire
Management Services

Written Assessment

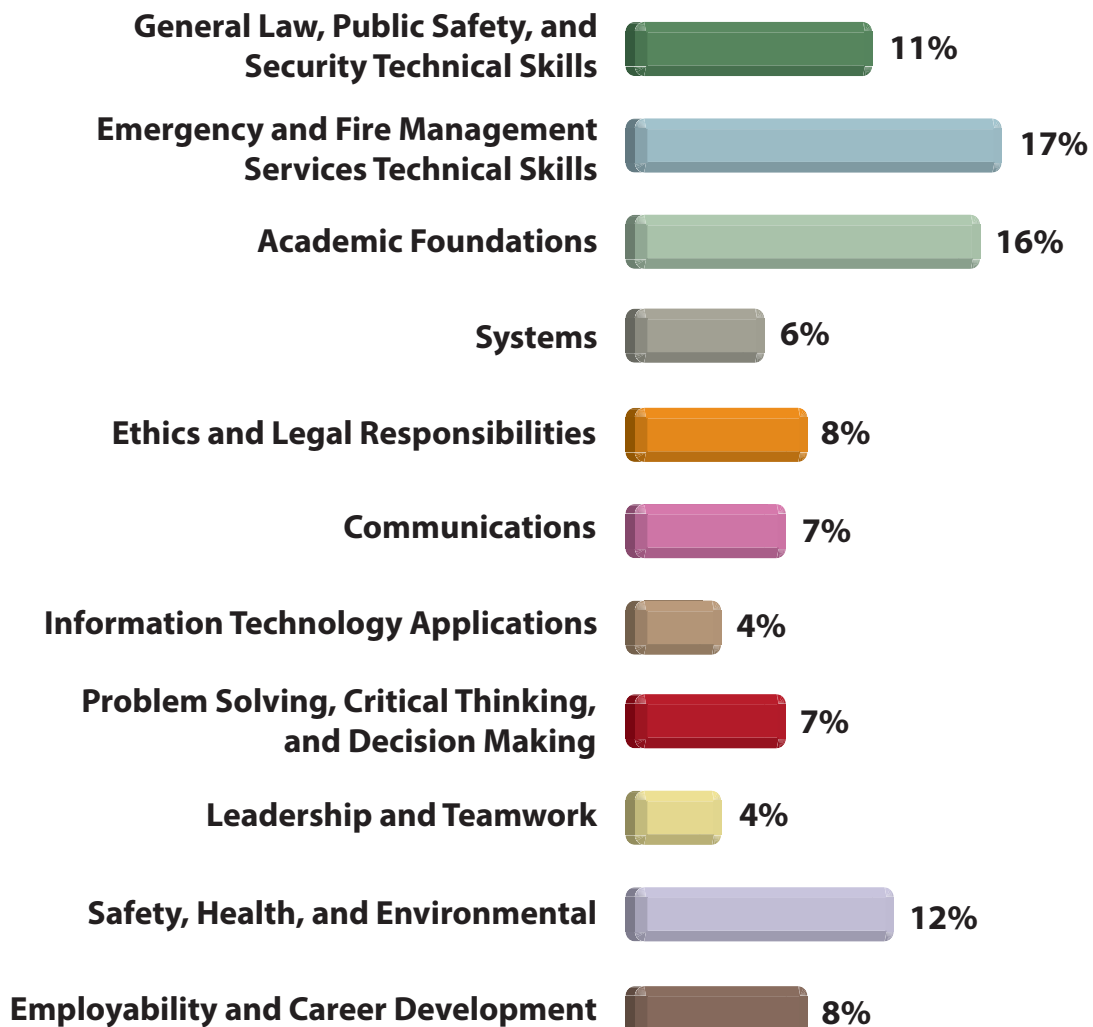
NOCTI written assessments consist of questions to measure an individual's factual theoretical knowledge.

Administration Time: 2 hours

Number of Questions: 102

Number of Sessions: This assessment may be administered in one, two, or three sessions.

Areas Covered



Specific Standards and Competencies Included in this Assessment

General Law, Public Safety, and Security Technical Skills

- Demonstrate knowledge, skills, and abilities (KSAs) in the law and public safety fields
- Identify and use appropriate terminology for the law and public safety fields
- Describe risk management practices that minimize liability

Emergency and Fire Management Services Technical Skills

- Identify and apply National Incident Management Systems (NIMS) protocols
- Identify and apply the principles of fire science
- Identify types of and procedures for entrapment and extrication
- Recognize and respond appropriately to hazardous materials incidents
- Identify appropriate emergency vehicle procedures

Academic Foundations

- Apply reading skills in a law and public safety environment
- Apply writing skills in a law and public safety environment
- Apply mathematical skills in a law and public safety environment
- Apply science skills in a law and public safety environment

Systems

- Describe the relationships, roles, and responsibilities among law and public safety professionals
- Analyze the impact on law and public safety based on technological advances

Ethics and Legal Responsibilities

- Apply appropriate laws, regulations, and industry standards in law and public safety situations
- Identify ethical issues and demonstrate ethical behavior in law and public safety situations

(Continued on the following page)

Specific Standards and Competencies (continued)

Communications

- Communicate using appropriate language and level, including using appropriate techniques for communicating with special needs individuals (e.g., hard of hearing)
- Apply listening skills and interpret verbal and nonverbal behaviors to enhance communication with coworkers and the public
- Interpret and use tables, charts, and figures to support written and oral communication

Information Technology Applications

- Use word processing, presentation software, and email applications to prepare communications
- Use spreadsheet and database applications to manage and communicate data and information

Problem Solving, Critical Thinking, and Decision Making

- Use problem solving and critical thinking skills to locate credible sources of information about problems and determine appropriate methods for investigating causes
- Use problem solving and critical thinking skills to determine root causes of problems and to suggest and evaluate solutions



(Continued on the following page)

Specific Standards and Competencies (continued)

Leadership and Teamwork

- Apply leadership qualities to improve the quality of work and the work environment
- Work effectively in a team environment to improve the quality of work and the work environment

Safety, Health, and Environmental

- Identify and practice appropriate safety and health procedures for law and public safety occupations
- Demonstrate appropriate emergency and first aid knowledge and procedures for law and public safety occupations
- Identify and practice appropriate environmental procedures for law and public safety occupations

Employability and Career Development

- Demonstrate appropriate workplace behaviors related to a career in law and public safety
- Pursue career development skills to advance in law and public safety careers



Sample Questions

The most widely abused drug (a depressant) in the United States is

- A. marijuana
- B. cocaine
- C. LSD
- D. alcohol

A police report is

- A. a legal document
- B. not available to the public
- C. published in the newspaper
- D. a confidential document

The written log used to track the possession and location of evidence is known as

- A. chain of custody
- B. book of evidence
- C. property sheet
- D. rap sheet

Touching or treating a patient without consent is

- A. slander
- B. libel
- C. assault
- D. battery

The National Joint Terrorism Task Force (JTTF) was created by the

- A. ATF
- B. FBI
- C. Secret Service
- D. State Department

(Continued on the following page)

Sample Questions (continued)

Public safety personnel should write reports using

- A. wordiness or jargon
- B. personal opinions
- C. first person and active voice
- D. present tense only

What are the three components of the fire triangle?

- A. hydrogen, nitrogen, and oxygen
- B. stop, drop, and roll
- C. gas, kerosene, and diesel
- D. oxygen, heat, and fuel

When composing a formal business email, avoid the use of

- A. abbreviations like "LOL"
- B. descriptive phrases
- C. exclamation points
- D. acronyms like "OSHA"

The _____ division in a public safety department investigates allegations that an officer might have committed a wrongdoing.

- A. officer supervision
- B. internal affairs
- C. strategic investigations
- D. internal intelligence

DNA analysis focuses on the _____ organizational structure in the body.

- A. molecular
- B. atomic
- C. hematologic
- D. tissue

Notes