

Pathway Assessment Blueprint

Education and Training



Test Code: 1125 / Version: 01

## General Assessment Information

### Blueprint Contents

General Assessment Information  
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**Test Type:** The Education and Training 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.

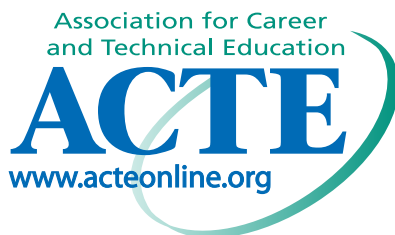
**Revision Team:** The assessment content is based on input from secondary, post-secondary, and business/industry representatives from the states of Georgia, Maine, Michigan, Missouri, and New York.



13.9999-Education, Other



Career Cluster 5-Education  
and Training



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!

## Written Assessment

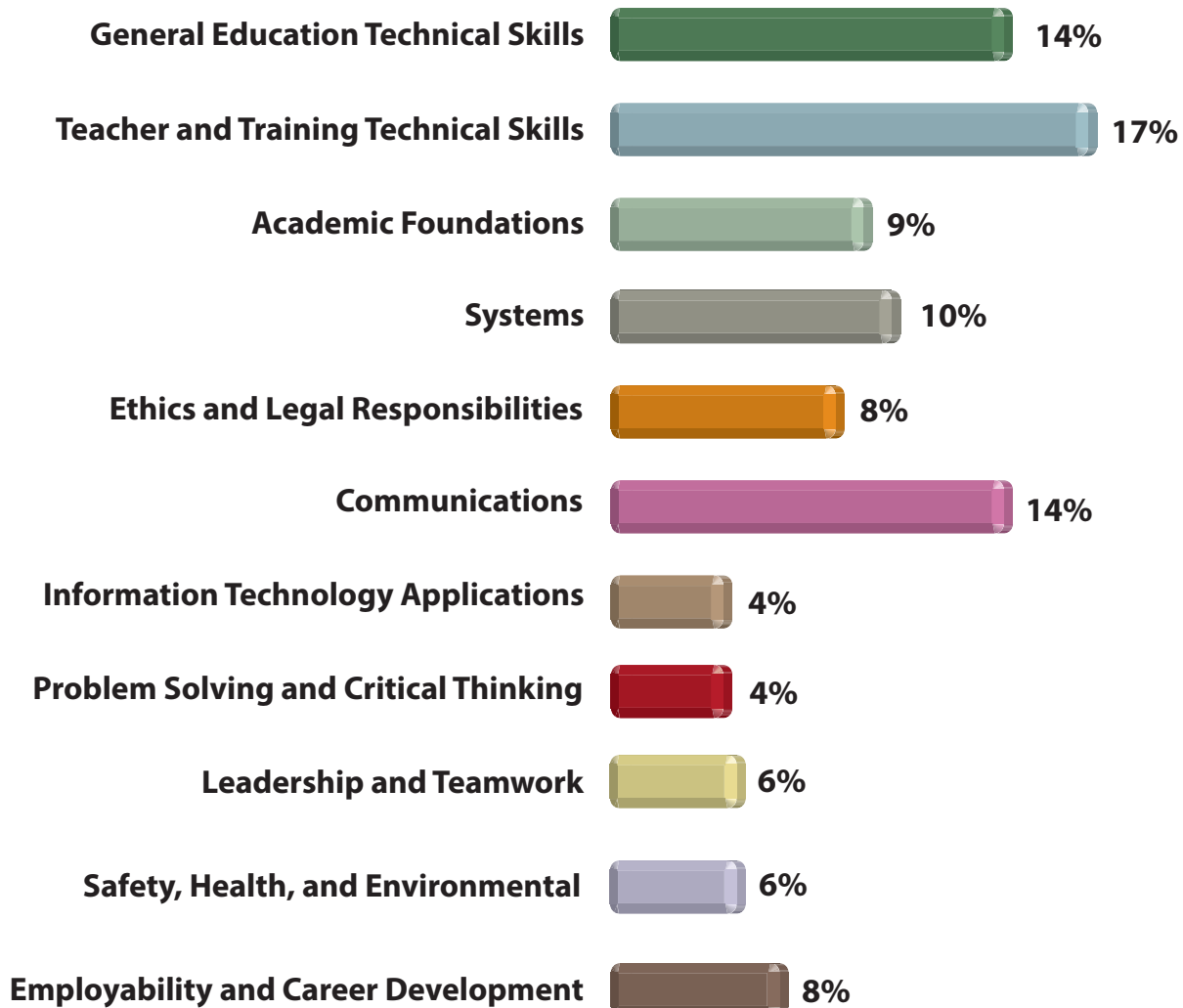
NOCTI written assessments consist of questions to measure an individual's factual theoretical knowledge.

**Administration Time:** 2 hours

**Number of Questions:** 138

**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 Education Technical Skills

- Recognize organizational and planning skills to meet the needs of learners and schools
- Identify standard-setting and curriculum development skills to meet the needs of students, employers, and communities
- Recognize assessment skills to enhance professional practice in education and training settings
- Locate, conduct, interpret, and share research findings to enhance professional practice

### Teaching and Training Technical Skills

- Display fundamental knowledge of teaching/training subject matter to plan and/or prepare effective instruction
- Utilize instructional strategies within education and training settings to enhance learner achievement
- Establish a positive learning climate to promote learning
- Describe classroom organization and management skills to manage student activities

### Academic Foundations

- Apply reading skills in an education and training environment
- Apply written communication skills in an education and training environment
- Apply mathematical skills in an education and training environment
- Understand and apply fundamental principles of psychology and sociology to enhance learner achievement (e.g., learning theory, motivational theory, social barriers to learning)

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## Specific Standards and Competencies (continued)

### Systems

- Analyze and apply knowledge of the relationships between education and society
- Demonstrate principles of internal/external customer service
- Apply industry quality standards and practices

### Ethics and Legal Responsibilities

- Apply ethical reasoning to a variety of workplace situations in order to make ethical decisions (e.g., external regulations, systems that fund education and training)
- Identify ethical issues and demonstrate ethical behavior in an education and training environment
- Interpret and explain major laws that govern learning settings

### Communications

- Recognize verbal communication skills when obtaining and conveying information to enhance learning
- Develop and deliver formal and informal presentations using appropriate media to engage and inform audiences
- Apply listening skills and interpret verbal and non-verbal behaviors to enhance communication with coworkers and students
- Interpret and use tables, charts, and graphics to support written and oral communications



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## Specific Standards and Competencies (continued)

### **Information Technology Applications**

- Demonstrate word processing and presentation applications to prepare communications and support educational goals
- Demonstrate spreadsheet and database applications to manage and communicate data and information

### **Problem Solving and Critical Thinking**

- Apply problem solving and critical thinking skills in education and training settings to identify and address problems
- Apply problem solving and critical thinking skills in education and training settings to determine root causes of problems and suggest solutions

### **Leadership and Teamwork**

- Exhibit leadership qualities to improve the quality of work and the work environment
- Work effectively in a team environment to enhance professional practice

### **Safety, Health, and Environmental**

- Apply relevant first aid and use emergency equipment in an education and training environment
- Anticipate, evaluate, and control risks to safety and health in an education and training environment

### **Employability and Career Development**

- Demonstrate employability skills related to a career in the education or training field. (e.g., maintain a career portfolio)
- Practice career development skills to advance in the education or training field

## Sample Questions

**The ideal environment for students in a classroom should provide a climate of**

- A. fast pace
- B. free spirit
- C. collaboration
- D. social consciousness

**If a customer is unhappy and unsatisfied, the employee should always \_\_\_\_\_ the customer.**

- A. challenge
- B. agree with
- C. criticize
- D. listen to

**Presentation programs, such as Microsoft PowerPoint®, provide a variety of templates to**

- A. guide and simplify the process of designing presentation programs
- B. modify graphics and transfer file types between different software
- C. simplify the process of printing a document
- D. maintain an archival record of the presentation

**In a lock-down/red-alert emergency, teachers should follow the protocols that have been designed as a safety precaution for education settings. The protocol actions may include**

- A. continuing class without interruption, acting normally if possible
- B. unlocking all exterior doors
- C. communicating using the email system
- D. keeping all students in the classroom and taking attendance

**Portfolios, as a job interview tool for a teaching position, should include**

- A. the best English paper written with at least a C+ grade
- B. a letter of introduction that includes participation in an award-winning band
- C. evidence of research into the teaching career field
- D. highlights of the work of others that have distinguished them in teaching

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### Sample Questions (continued)

**The major reason for instructional planning is to**

- A. provide curriculum continuity
- B. prepare culturally diverse students
- C. have lesson plans available for a substitute teacher
- D. design student experiences that are concrete

**Jill was reading about education models that focus on John Dewey and progressivism, which presume that students learn best when**

- A. course content follows student interests
- B. students are in school for at least 180 days each school year
- C. teachers are strong disciplinarians
- D. parents are very involved in the educational process

**What would be appropriate to include in an ethical resumé?**

- A. fictional references
- B. inflated salary quotes
- C. unsubstantiated education background
- D. precise work history details

**Which example illustrates ergonomic adaptive learning qualities for a student with special needs?**

- A. constant room temperature
- B. uniform desk sizes
- C. adjustable classroom tables
- D. multi-tiered classroom setting

**The most important and necessary attribute of any team is**

- A. having similar backgrounds
- B. displaying trust in one another
- C. following parliamentary procedure
- D. insisting on unanimous agreement



## Notes