



Advancing Data Center  
and IT Infrastructure  
Professionals



EDUCATIONAL PARTNER

# CE 7000: Critical Environments Auditor (CEA)



3 day instructor led  
Blended Learning

## Critical Environments Professional Development Program

Resilience.  
Education.  
Credentialing.



The International Consortium  
For Organizational Resilience

# Critical Environments Auditor (CEA)

**Audience:** Those with experience working with all areas of a critical environment at the technical, managerial, and engineering levels.

The focus of the Critical Environments Auditor is on developing a standards-based CE, learning how to conduct environmental audits, and manage risk. Course is aligned to ISO 19011, 17022, and 17050 on auditing activities.

The CE Auditor course is a unique offering as audit tools will be created during the course. Examples of tools will be given and demonstrated, but the focus of the course is to build a set of tools that can be used to conduct an audit.

As part of the course you will learn how to set up and prepare for an audit, how to identify participants, and how to determine what documents should be reviewed. In addition, you will learn how to create an audit schedule, how to collect data, how to review procedures, and how to interview personnel. Documenting the audit plan, the audit report and presentation, as well as reducing the risk of the audit itself is included in the course.

## 8 Lessons / Competency Areas

### 7000.1 Auditing Materials

1. Building an audit program
2. Methods for conducting the audit
3. Audit materials
4. Tools for a successful audit

### 7000.2 Audit Planning

1. Common audit reference materials
2. Coordination requirements
3. Referencing audit findings
4. Enhancing reference documents

### 7000.3 Essential Data

1. Identifying and accessing data
2. Identifying stakeholders and staff interaction
3. Identifying risks to the CE
4. Evaluating data completeness

### 7000.4 Identifying & Documenting Gaps

1. Creating the audit schedule
2. Notifying stakeholders and scheduling meetings
3. Determining data collection needs
4. Drafting expected deliverables

### 7000.5 Reviewing Documentation

1. Data collection methods
2. Document review
3. Tours & review of procedures
4. Conducting interviews

### 7000.6 Evaluating Reliability—Meetings

1. Types of meetings required
2. Creating meeting agendas
3. Managing staffing review meetings
4. Conducting opening and closing meetings

### 7000.7 Formulating the Results of the Audit

1. Creating an effective presentation
2. Documenting findings
3. Closing audit findings

### 7000.8 Practice Audit

There are two full audits presented in the course. One under the guidance of the instructor and one that is conducted by the students and evaluated by the instructor. 50% of the audit score is part of the final scoring used toward certification.

## Credentials

The Critical Environments Auditor (CEA) certification exam is included in CE 7000 instructor-led course. The CEA certification exam can only be challenged during the course as 50% of the exam score is determined by the practice audit score.



# Auditing Mission-Critical Environments

## Aligning Mission-Critical Environments Education & Credentialing Programs to the Workplace

Recognized globally for its vendor-neutral, standards-based education programs, ICOR's certification competency areas align to specific jobs or job areas in the critical environment workplace.

**ICOR courses meet your learning style.** Take the full course or individual competency areas. Learn from an instructor or on your own via elearning or self-study course books. Interactive activity-based curriculum.



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