

Course Objectives:

In this course, you will learn about the CMMC Model, framework, context, and application within the DoD, as well as the expectations and requirements imposed upon organizations that do business with the DoD. It will also help students to identify threats to cybersecurity and privacy within an IoT ecosystem and implement appropriate countermeasures.

You will:

- Identify the threats to the Defense Supply Chain and the established regulations and standards for managing the risk.
- Identify the sensitive information that needs to be protected within the Defense Supply Chain and how to manage it.
- Describe how the CMMC Model ensures compliance with federal acquisitions regulations.
- Identify responsibilities of the Certified CMMC Professional, including appropriate ethical behavior.
- Establish the Certification and Assessment scope boundaries for evaluating the systems that protect regulated information.
- Prepare the OSC for an Assessment by evaluating readiness.
- Use the CMMC Assessment Guides to determine and assess the Evidence for practices.
- Implement and evaluate practices required to meet CMMC Level 1.
- Identify the practices required to meet CMMC Level 2.
- As a CCP, work through the CMMC Assessment process.

Target Student:

This course is a prerequisite for the Certified CMMC Professional program, and it prepares students for the Certified CMMC Professional (CCP) certification exam. Students might consider taking this course to learn how to perform CMMC certification readiness checks within their own organization, or as a consultant to other Organizations Seeking Certification (OSC). The CCP certification is also a required step toward becoming a Certified CMMC Assessor (CCA), so students might take this course to begin down the path toward CCA certification.

Prerequisites:

To ensure your success in this course, you should have some foundational education or experience in cybersecurity. The Cyber AB has established prerequisites for those who wish to apply for CCP certification, such as:

- College degree in a cyber or information technical field with 2+ years of experience; or
- 2+ years of equivalent experience (including military) in a cyber, information technology, or assessment field.

Course Content

Lesson 1: Managing Risk within the Defense Supply Chain

Topic A: Identify Threats to the Defense Supply Chain

Topic B: Identify Regulatory Responses against Threats

Lesson 2: Handling Sensitive Information

Topic A: Identify Sensitive Information

Topic B: Manage the Sensitive Information

Lesson 3: Ensuring Compliance through CMMC

Topic A: Describe the CMMC Model Architecture

Topic B: Define the CMMC Program and Its Ecosystem

Topic C: Define Self-Assessments

Lesson 4: Performing CCP Responsibilities

Topic A: Identify Responsibilities of the CCP

Topic B: Demonstrate Appropriate Ethics and Behavior

Lesson 5: Scoping Certification and Assessment Boundaries

Topic A: Use the CMMC Assessment Scope Documentation

Topic B: Get Oriented to the OSC Environment

Topic C: Determine How Sensitive Information Moves

Topic D: Identify Systems in Scope

Topic E: Limit Scope

Lesson 6: Preparing the OSC

Topic A: Foster a Mature Cybersecurity Culture

Topic B: Evaluate Readiness

Lesson 7: Determining and Assessing Evidence

Topic A: Determine Evidence

Topic B: Assess the Practices Using the CMMC Assessment Guides

Lesson 8: Implementing and Evaluating Level 1

Topic A: Identify CMMC Level 1 Domains and Practices

Topic B: Perform a CMMC Level 1 Gap Analysis

Topic C: Assess CMMC Level 1 Practices

Lesson 9: Identifying Level 2 Practices

Topic A: Identify CMMC Level 2 Practices

Lesson 10: Working through an Assessment

Topic A: Identify Assessment Roles and Responsibilities

Topic B: Plan and Prepare the Assessment

Topic C: Conduct the Assessment

Topic D: Report the Assessment Results

Topic E: Conduct the CMMC POA&M Close-Out Assessment

Appendix A: Evidence Collection Approach for CMMC Level 1 Practices

Appendix B: Additional Documentation for CCPs

Appendix C: Mapping Course Content to the CCP Exam