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Summary

The CMMC Certified Professional (CCP) credential will verify a candidate's knowledge of the Cybersecurity Maturity Model Certification (CMMC), relevant supporting materials, and applicable legal and regulatory requirements to protect Federal Contract Information (FCI) and Controlled Unclassified Information (CUI). The CCP exam will assess the candidate's understanding of the CMMC ecosystem. A passing score on the exam is a prerequisite to CMMC Certified Assessor (CCA) and CMMC Certified Instructor certifications.

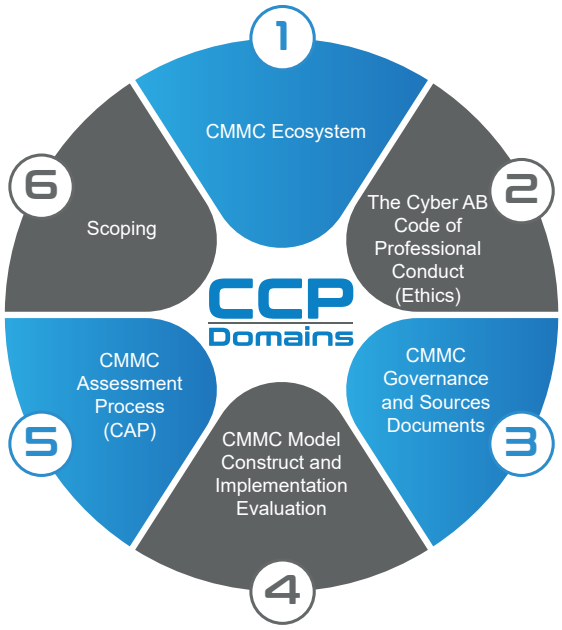
Why ecfirst for CCP Training?

- Our auditors are our trainers!
- ecfirst is all in for CMMC (RPO, APP, ATP & C3PAO).
- ecfirst's Academy Portal gives students access to all training materials, resource documents, study guides, and quizzes to solidify learning in one location.
- 25 years of privacy and security compliance training experience.
- 24 years of compliance audit/assessment experience (HIPAA, PCI DSS, HITRUST, GDPR, NIST SP 800-171, multiple state regulations).
- One of the first organizations to take the training to market!

Exam Prerequisites

- College degree in a cyber or information technical field or 2+ years of related experience or education, or 2+ years of equivalent experience (including military) in a cyber, information technology, or assessment field.
- Suggested CompTIA A+ or equivalent knowledge/experience.
- Complete CCP Class offered by a Approved Training Provider (ATP).
- Pass DoD CUI Awareness Training no earlier than three (3) months prior to the exam.
  - A https://securityhub.usalearning.gov/index.html

CMMC Certified Professional (CCP)



CCP Exam Specifications

- Number of Questions: 170
- Types of Questions: Multiple Choice
- Length: 3.5 Hours
- Passing Score: 500 points
- This is not an open book exam

Domain Exam Weight

#	Domain	Exam Weight	CCP Program	35.5 Hours
1	CCP Pre Program Prep			2 Hours
2	CMMC Ecosystem	5%	Domain 1, 2 & 3 Tuesday, Day 1 8:30 am - 4:30 pm Offline Prep: 2 Hours	10 Hours
3	Cyber-AB Code of Professional Conduct (Ethics)	5%		
4	CMMC Governance and Sources Documents	15%		
5	CMMC Model Construct and Implementation Evaluation	35%	Domain 4 Wednesday, Day 2 8:30 am - 4:30 pm Offline Prep: 2 Hours	10 Hours
6	CMMC Assessment Process (CAP)	25%	Domain 5 Thursday, Day 3 8:30 am - 4:30 pm Offline Prep: 2 Hours	10 Hours
7	Scoping	15%	Domain 6 & Review Friday, Day 4 8:30 am - 12:00 pm	3.5 Hours
8	Practice Exam & Review			

Intended Audience

- Employees of Organizations Seeking CMMC Certification (OSC)
  - IT and Cybersecurity Professionals
  - Regulatory Compliance Officers
  - Legal and Contract Compliance Professionals
  - Management Professionals
- Cybersecurity and Technology Consultants
- Federal Employees
- CMMC Assessment Team Members

FCI Federal Contract Information

CUI Controlled Unclassified Information

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Detailed Course Description

Domain 1

CMMC Ecosystem

Task 1 Identify and compare roles/responsibilities/requirements of authorities across the CMMC Ecosystem.

1. Authorities:
    a. Office of the Undersecretary of Defense (OUSD)
        (1) Cybersecurity standards and best practices and knowledge of how to map these controls and processes across several levels that range from basic to advanced cyber hygiene
        (2) Regulation (DFARS 252.204-7012) that is based on trust by adding a verification component with respect to cybersecurity requirements
    b. CMMC Ecosystem and the different types of entities participating in it
        (1) The Cyber AB
            (a) Organizations:
                1. Organizations Seeking CMMC Certification (OSC)
                    (1) Purpose, Requirements, and benefits of OSC involvement in the ecosystem
                2. CMMC Third-Party Assessment Organizations (C3PAO)
                3. Registered Provider Organizations (RPO)
                    (1) Requirements and Benefits of RPO
            (b) Individuals:
                1. Registered Practitioner (RP)
                    (1) RPs in the CMMC ecosystem provide advice, consulting, and recommendations to their clients. They are the "implementers" and consultants, but do not participate in CMMC Certified Assessments.
        (2) CMMC Assessors and Instructors Certification Organization (CAICO)
            (a) Organizations:
                1. Approved Partner Publishers (APP)
                    (1) Purpose, Requirements, and benefits of APPs
                2. Approved Training Providers (ATP)
                    (1) Purpose, Requirements, and benefits of ATPs
            (b) Individuals:
                1. Provisional Instructors (PI)
                    (1) Purpose, Requirements, and benefits of PIs
                    (2) Timeline for sunsetting
                2. CMMC Certified Professional (CCP)
                    (1) Purpose, Requirements, and benefits of CCP's active involvement in the ecosystem
                    (2) Timeline for CCP certification and assessments
                3. CMMC Certified Assessor (CCA)
                    (1) Purpose, Requirements, and benefits of CCA's active involvement in the ecosystem
                    (2) Timeline for CCA certification and assessments
                4. CMMC Certified Instructor (CCI)
                    (1) Purpose, Requirements, and benefits of CCI's active involvement in the ecosystem
                    (2) Timeline for CCI certification and assessments
                5. Assessment Team Member (ATM)
                    (1) CCP and CCA roles on the Assessment Team
                6. CMMC Lead Assessor
                    (1) Lead Assessor role on the Assessment Team
                    (2) Timeline for Lead Assessor certification

Domain 2

The Cyber AB Code of Professional Conduct (Ethics)

Task 1 Identify and apply your knowledge of the Guiding Principles and Practices of the The Cyber AB Code of Professional Conduct (CoPC)/ISO/IEC/DOD requirements.

1. General ethics topics
2. The Cyber AB Code of Professional Conduct (CoPC)
3. ISO/IEC
4. Department of Defense (DoD) requirements
5. Professionalism
6. Objectivity
7. Confidentiality

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Domain 2

The Cyber AB Code of Professional Conduct (Ethics)

8. Proper use of methods
9. Information integrity
10. Conflicts of interest
11. Respect for intellectual property
12. Lawful and ethical practices
13. Contracts and non-disclosure agreements assessments

Domain 3

CMMC Governance and Sources Documents

Task 1 Demonstrate your understanding of FCI and CUI in non-federal unclassified networks.

1. Current Department of Defense (DoD) Defense Industrial Base (DIB) Cybersecurity Efforts, Regulations, and Executive Orders pertaining to the CMMC program:
   - A. Part 32 of the Code of Federal Regulations (C.F.R.)
   - B. Defense Federal Acquisition Regulation Supplement (DFARS) in Part 48 of the C.F.R.
   - C. DFARS Clause 252.204-7012
     - (1) National Institute of Standards and Technology (NIST) SP 800-171
     - (2) Technical Data (DFARS 252.227-7013)
     - (3) FedRAMP
2. CMMC Framework Tenets:
   - A. Key aspects of CMMC v2.0 program requirements
     - (1) Streamlined Model
       - (a) Focused on the most critical requirements
       - (b) Aligned with widely accepted standards
     - (2) Reliable Assessments
       - (a) Reduced assessment costs
       - (b) Higher accountability
     - (3) Flexible Implementation
       - (a) Spirit of collaboration
       - (b) Added flexibility and speed
   - B. Rulemaking and timeline for CMMC v2.0
     - (1) Incentives, Assessments, and 9-24-month rule making
   - C. Levels of CMMC assessments and requirements
     - (1) Foundational/Level 1
       - a. FAR Clause 52.204-21
         - a. Provide overview of the (17) basic safeguarding requirements and procedures that are applied within the CMMC L1/L2 practices/assessment framework
     - (2) Advanced/Level 2
       - b. NIST SP 800-171 (Requirements)
         - a. Provide overview of the 110 NIST SP 800-171 requirements and how they are applied within the CMMC L2 practices/assessment framework
   - D. Self-Assessments vs. Third-Party Assessments
     - (1) Define different criteria for various assessment types under CMMC v2.0 framework
3. Consequences of non-compliance:
   - A. Failure to receive an award of contract
   - B. Contractual liability
   - C. False Claims Act
     - (1) U.S. Department of Justice,
       - (a) Civil Cyber-Fraud Initiative

Task 2 Determine the appropriate roles/responsibilities/authority for FCI and CUI.

1. Importance of data classification, collection, and analysis
   - A. CUI Basic vs Specified
2. Contractor sensitive data categories
   - A. Federal Contract Information (FCI)
     - (1) Section 4.1901 of the Federal Acquisition Regulation (FAR)
   - B. Controlled Unclassified Information (CUI)
     - (1) Part 2002 of Title 32 CFR, 2002.4(h)
3. Government authority for identifying and marking CUI
   - A. Executive Order 13556
   - B. 32 Code of Federal Regulations, Part 2002 (Implementing Directive)
   - C. DoD Instruction 5200.48, Controlled Unclassified Information (CUI)
4. Contractor/Authorized holders' responsibilities in handling CUI
   - A. DoDI 5200.48
   - B. Part 2002 of Title 32 CFR

Task 3 Demonstrate your understanding of the CMMC Source and Supplementary documents.

1. CMMC Source Documents
   - A. CMMC Model Overview
   - B. CMMC Level 1 Assessment Guide
   - C. CMMC Level 2 Assessment Guide
   - D. CMMC Level 1 Scoping Guidance

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Domain 3

CMMC Governance and Sources Documents

E. CMMC Level 2 Scoping Guidance
F. CMMC Assessment Process (CAP)
G. CMMC Glossary
H. CMMC Artifact Hashing Tool User Guide

2. ISOO CUI Registry
   A. NARA administers the CUI Registry
      (1) Types of labeled information on documents such as:
         (a) Export Controlled (SP-EXPT)
         (b) Specified marking/labeling using NARA CUI Marking Handbook
3. DoD CUI Registry
   A. Types of labeled information on documents such as:
      (1) Naval Nuclear Propulsion Information (NNPI)
      (2) NNPI marking/labeling using DoD CUI Marking Aid

Domain 4

CMMC Model Construct and Implementation Evaluation

Task 1 Given a scenario, apply the appropriate CMMC Source Documents as an aid to evaluate the implementation/review of CMMC practices.

(At a minimum CCP candidate must be evaluated on CMMC L1 Practices during CCP exam)

1. Model Architecture
2. Model Levels:
   A. Cumulative Nature
   B. Characteristics
   C. Levels required for specific contracts
      (1) Level 1
      (2) Level 2
3. Practices:
   A. Practice Descriptions
      (1) Practice Numbering Scheme
      (2) Objectives
      (3) Assessment Methods and Objects
4. Domains:
   A. Access Control (AC)
      (1) AC.L1-3.1.1 - Authorized Access Control
      (2) AC.L1-3.1.2 - Transaction & Function Control
      (3) AC.L1-3.1.20 - External Connections
      (4) AC.L1-3.1.22 - Control Public Information
   B. Audit & Accountability (AU)
   C. Awareness & Training (AT)
   D. Configuration Management (CM)
   E. Identification & Authentication (IA)
      (1) IA.L1-3.5.1 - Identification
      (2) IA.L1-3.5.2 - Authentication
   F. Incident Response (IR)
   G. Maintenance (MA)
   H. Media Protection (MP)
      (1) MP.L1-3.8.3 - Media Disposal
   I. Personnel Security (PS)
   J. Physical Protection (PE)
      (1) PE.L1-3.10.1 - Limit Physical Access
      (2) PE.L1-3.10.3 - Escort Visitors
      (3) PE.L1-3.10.4 - Physical Access Logs
      (4) PE.L1-3.10.5 - Manage Physical Access
   K. Risk Assessment (RA)
   L. Security Assessment (CA)
   M. System & Communications Protection (SC)
      (1) SC.L1-3.13.1 - Boundary Protection
      (2) SC.L1-3.13.5 - Public-Access System Separation
   N. System & Information Integrity (SI)
      (1) SI.L1-3.14.1 - Flaw Remediation
      (2) SI.L1-3.14.2 - Malicious Code Protection
      (3) SI.L1-3.14.4 - Update Malicious Code Protection
      (4) SI.L1-3.14.5 - System & File Scanning

Task 2 Apply your knowledge of the CMMC Assessment Criteria and Methodology to the appropriate CMMC practices.

1. The definition of each practice
2. The Assessment Objectives
3. The Assessment Methods (Examine, Interview, and Test)
4. What information to look for in practice discussion
5. The Key References and their applicability to the practice skills in:
   a. Navigating and using the CMMC Assessment Guide(s) content
   b. Determining the assessment method(s) that would be best for gathering sufficient and accurate evidence

Task 3 Analyze the adequacy/sufficiency around the location/collection/quality/usage of evidence.

1. Appraised Evidence is adequate
2. Measure if the Evidence is sufficient

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Domain 5

CMMC Assessment Process (Cont'd.)

Task 1 Choose the appropriate roles of the CCP in the CMMC Assessment Process when developing the assessment plan (Phase 1- Plan and Prepare Assessment).

1. Validation of criteria of OSC's assessment evidence
2. Analysis of the CMMC practice requirements
3. Determine what needs to be included in a CMMC Assessment Plan
4. The CMMC Readiness Review Process

Task 2 CMMC Assessment Process requirements pertaining to the role of the CCP as an assessment team member while conducting a CMMC assessment (Phase 2 - Conduct Assessment)

1. How to assist/support the Assessment Team during an assessment
2. The three possible assessment methods (Examine, Interview, and Test) and scoring evidence successfully for each practice
3. Communication skills to interview or observe tests/demonstrations for assessment practices
4. How Assessment Team Members rate practices and validate preliminary results
5. How Assessment Team Members assist in the preparation of final findings
6. How to score practices that are on a Plan of Action and Milestone (POA&M)

Task 3 Demonstrate your comprehension of the CCP role in the preparation of assessment report (Phase 3 - Report Assessment Results)

1. Review the evidence presented for each practice
2. How Assessment Team Members score practices, validate, and deliver assessment preliminary results
3. How Assessment Lead drafts and scores the final findings
4. How the final findings and associated information is incorporated into the Assessment Report
5. How the Lead Assessor submits the assessment report, including the review process, submitting to the C3PAO and the OSC.
6. How to package and archive the assessment results for record to support any future questions that may be asked.

Task 5 Demonstrate your comprehension of the CCP role in the process of evaluating outstanding assessment issues on Plan of Action and Milestones (POA&M) (Phase 4 - Evaluation of Outstanding Assessment POA&M Items).

1. The evaluation of assessment POA&M items
   - A. DoD Assessment Methodology, POA&M scoring criteria
     - (1) Minimum assessment score
     - (2) Qualifying POA&M items
   - B. CA.L2-3.12.2, Plan of Action objectives and requirements

Task 6 Given a scenario, determine the appropriate phases/steps to assist in the preparation/conducting/reporting on a CMMC Level 2 Assessment.

1. Plan and Prepare Assessments:
   - A. CCP must be able to assist in analyzing requirements
   - B. CCP must be able to assist in developing assessment plan
   - C. CCP must be able to assist in verifying readiness to conduct assessment
2. Conduct Assessment:
   - A. CCP must be able to assist in collecting and examining evidence
   - B. CCP must be able to assist in scoring practices and validating preliminary results
   - C. CCP must be able to assist in generating final assessment results
3. Report Recommended Assessment Results:
   - A. CCP must be able to assist in delivering recommended assessment results
4. Remediate Outstanding Assessment Issues:
   - A. Awareness of the CCP's Role in the POA&M Process

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Domain 6

Scoping

Task 1 **Understand CMMC High-Level Scoping as described in the CMMC Assessment Process.**

1. Defining organizational scoping
   - A. Organization
   - B. Host Unit
   - C. Supporting Units

Task 2 **Given a Scenario, analyze the organization's environment to generate an appropriate scope for FCI Assets.**

1. Defining FCI data in the form of Assets that:
   - A. Process
   - B. Store
   - C. Transmit
2. Out-of-Scope Assets
3. Specialized Assets
   - A. Government Property
   - B. Internet of Things(IoT)/ Industrial Internet of Things(IIoT)
   - C. Operational Technology(OT)
   - D. Restricted Information Systems
   - E. Test Equipment
4. Scoping Activities
   - A. People
   - B. Technology
   - C. Facilities
   - D. External Service Providers (ESP)

FCI Federal Contract Information

CUI Controlled Unclassified Information

OSC Organizations Seeking CMMC Certification

CMMC Cybersecurity Maturity Model Certification

CoPC Code of Professional Conduct

ATP Approved Training Provider

CCP CMMC Certified Professional

CAP CMMC Assessment Process

POA&M Plan of Action and Milestones

The Cyber AB Source

https://dodcio.defense.gov/CMMC/

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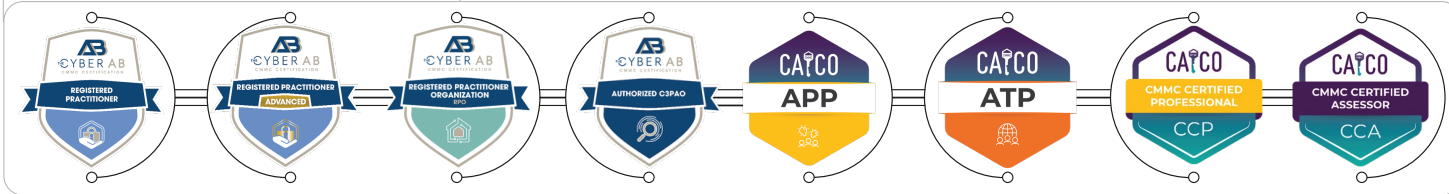
The ecfirst DoD CMMC Ecosystem



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