Federal Risk Management Framework (RMF) DoD/IC Implementation v2025

Days: 4

Prerequisites: There are no specific prerequisites for this course. However, general computer user knowledge is assumed. Any additional experience having worked with forms and/or databases will be helpful.

Audience: It is intended to support risk management framework (RMF) assessment and accreditation.

Description: Risk Management Framework (RMF) for DoD/IC Implementation 2025 focuses on the Risk Management Framework prescribed by NIST Standards and prescribed by DoD CIO Office. This course is current as of August 2025. It was revised due to NIST producing new and updated publications over the preceding five years, including NIST Special Publication (SP) 800-37 R2; SP-800-53 R5; SP 800-53A R5, SP 800-53B, SP 800-160, versions 1 and 2; and DODI 8500.01, DODI 8510.01, CNSSI-1253 (among others).

CHAPTER 1: RMF, CYBERSECURITY POLICY REGULATIONS, AND ROLES AND RESPONSIBILITIES
- Module A: Introduction to RMF
- Module B: Cybersecurity policy regulations and framework
- Module C: RMF roles and responsibilities

CHAPTER 1: INTRODUCTION TO RMF
- Module A: RMF overview
- Module B: Cybersecurity policy regulations and framework
- Module C: RMF roles and responsibilities

CHAPTER 2: RISK ANALYSIS
- Module A: Risk management
- Module B: Risk assessment and the RMF process

CHAPTER 3: THE RMF PROCESS
- Module A: Step 0—Prepare
- Module B: Step 1—Categorize
- Module C: Step 2—Select
- Module D: Step 3—Implement
- Module E: Step 4—Assess
- Module F: Step 5—Authorize
- Module G: Step 6—Monitor

CHAPTER 4: DOD RMF–SPECIFIC AREAS
- Module A: eMASS
- Module B: DoD CYBER.MIL site and resources
- Module C: Continuous Monitoring and Risk Scoring (CMRS)

- Module D: RMF Knowledge Service (RMFKS)
- Module E: Joint SAP Implementation Guide (JSIG) for RMF
- Module F: ICD-503
- Module G: Service updates and adjustments to RMF for DoD IT

APPENDICES
- Appendix A: Supplemental Reference
- Appendix B: RMF Review and Steps Checklists
- Appendix C: Acronym Reference
- Appendix D: Answer Key—Chapter 3 Lab Exercises