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OJT Cyber Security RMF

Course Number:	#MDTS-800
Course Length:	15 days plus 1 Week Bootcamp
Number of Exams:	1
Certifications:	Security+ or CASP
Class Price:	RMF Training Quote

Overview

The Risk Management Framework Trainer will provide an in-depth and relatable form of Job instruction training that is solely based on the Risk Management Framework (RMF). The training will include in-class hands-on exercises and take-home assignments that will demonstrate the process for identifying, implementing, assessing and authorizing information systems.

Training will be requirement, and industry driven, meaning, training will **only** cover process steps as identified in the RMF, and an employers' expectation of a compliance professional.

Upon completing the training, trainees will be able to:
- Understand the basics of Network Security and System Environment.
- Understand FISMA/FedRAMP
- Explain the RMF steps and processes
- Perform ISSO/Assessor responsibilities.

Training Outline and Schedule
- Week 1:
    - Introduction to Network Security (OSI Model, CIA triad)
    - System Environment (On Premise vs Cloud)
    - IT Compliance (FISMA, FedRAMP)
    - Risk Management Framework Overview (NIST 800-37)

- Key Roles and Responsibilities within an Organization
- System Development Life Cycle (SDLC)
- Definition of Risk (NIST 800-30)

➤ Week 2 (ISSO):
- Planning
- Information System Categorization (NIST 800-60, FIPS -199)
- Security Control Selection (FIPS -200, NIST 800-53, NIST 800-137)
- Security Control Implementation (NIST 800-18)
- (ASSESSOR):
- Assess Security Controls (NIST 800-53A)
- Authorize (NIST 800-37)
- Monitoring (NIST 800-137)

➤ Week 3
- Interview Preparation
- On the job tips and Information Sharing session
- Exam