Integrating CMMC into University Cybersecurity Curriculum

AGENDA

- 1. CMMC: What?
- 2. CMMC; Why?
- 3. CMMC: How?

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CMMC: What?

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- CMMC = Cybersecurity Maturity Model Certification
- CMMC Features:
  - Identify critical Information
  - Design and Implement security controls
  - Assess security control effectiveness

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CMMC: What?

The Cybersecurity Maturity Model:

- Implements NIST SP 800-171
- Mandatory for DIB companies
- Highly recommended for all others

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CMMC: Why?

CMMC: Why?

What is your Critical Information?

- Personally Identifiable Information?
- Merger and Acquisition Activities?
- Trade Secrets?
- Other Proprietary Information?

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CMMC: Why?

How can Critical Information be protected?

- • Technical Means?
- • Policies and Procedures?
- • Physical Controls?

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CMMC: Why?

CMMC May Be the Answer
- Identify Critical Information
- Design Appropriate Protections
- Deploy and Assess Defenses

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CMMC: How?

CMMC: How?

When Should CMMC Be Introduced?

- Lower/upper division/graduate?
- Auditing experience?
- Technical/non-technical security classes?

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CMMC: How?

- WSU will introduce CMMC in a 3000-level cybersecurity policy class
  - Policy class also discusses RMF, so a natural fit
- WSU will also discuss CMMC in cybersecurity management classes
  - Classes focus on risk management, which CMMC manages

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