

ITMS 484 SYLLABUS

ITMS 484 Governance, Risk and Compliance

Hours: 3 credit hours / 45 contact hours

Instructor: Bonnie A. Goins

Textbook, title, author, and year: Online resources including COBIT, NIST, and other sources

Specific course information

- a. **Catalog description:** In-depth examination of topics in governance, risk and compliance, including security program development; development and implementation of policies, standards and procedures; risk management and assessment methodologies, practices and outcomes; compliance standards, methods, processes and practices.
- b. **Prerequisites:** None.

Specific goals for the course

- a. **Course student outcomes:**
Each successful student will demonstrate foundation knowledge of governance, risk and (GRC) concepts, practice and outcomes as they apply to an organization. Students will be able to describe and identify policy frameworks and best practices for GRC.
- b. **Course student outcomes:**
At the conclusion of this course, each student should be able to:
 - Describe governance, risk and compliance frameworks.
 - Describe governance, risk and compliance methodologies.
 - Identify and detail program components for governance, risk management and compliance programs
 - Apply GRC concepts in the build of a Data Governance model and corresponding deliverables.
 - Evaluate and categorize risk 1) with respect to technology; 2) with respect to individuals, and 3) in the enterprise, and recommend appropriate responses.
 - Compare advantages and disadvantages of various risk assessment methodologies.
 - Select the optimal methodology based on needs, advantages and disadvantages.
 - Describe the impact of legal/regulatory standards on a given system.
 - Describe how audits are conducted using the SOC 2.
 - Describe the difference between auditing and assessment.

Topics to be covered

- a. Introduction to GRC
- b. Governance Introduction and Methodology
- c. Governance Implementation-Data Governance
- d. Governance Design
- e. Risk Management Introduction and Framework
- f. Risk Assessment Method
- g. Risk Assessment Threat and Vulnerability Considerations
- h. Risk Assessment Outcomes
- i. Compliance Introduction
- j. Compliance Audit and Assurance

