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Course Information: FIN 6329 – Cyber Risk Management  
Term Spring 2026  
Days & Times Wednesday @ 10:00 a.m. to 12:45 p.m.

### **Professor Contact Information**

Professor Dr. Steven Haynes, PhD, ARM, CBCP, CC  
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Office Location JSOM 1.117  
Office Hours By appointment: [Book with Me on Teams](#)  
Other Information Please email from your UTD email address due to FERPA requirements. I am available to meet in person or online via MS Teams.

### **Course Pre-requisites, Co-requisites, and/or Other Restrictions**

Pre-requisite: None

### **Course Description**

This graduate-level course is designed to provide students with a comprehensive understanding of cyber risk management and the importance of information security practices within organizational contexts. The curriculum commences with a foundational introduction to risk analysis, progressing to an exhaustive exploration of qualitative and quantitative cyber risk assessment methodologies.

Subsequently, the course delves into the intricate realm of security standards and their application in effectively managing cyber risks. Students will gain the analytical tools necessary to address complex issues ranging from enhancing cyber resilience to navigating challenges posed by third-party and internal cyber security risks.

The course encompasses the strategic management of risks, including risk communication, privacy rights, mitigation strategies, and the complete risk lifecycle. By studying these dimensions, students will be equipped to devise comprehensive risk management plans to address the dynamic and evolving landscape of cyber threats within organizations.

### **Student Learning Objectives/Outcomes**

**Overarching Goal:** Able to perform cyber security analysis under different contexts.

**Sub-Objectives:** Student will learn to:

1. Describe components of and approaches to effective risk management in an organization.
2. Describe techniques for identifying, analyzing, and mitigating relevant threats, vulnerabilities, and exploits.
3. Identify compliance laws, standards, best practices, and policies of risk management.
4. Describe components of and approaches to effective risk assessments in an organization.
5. Identify assets and activities to protect within an organization.
6. Identify risk mitigation security controls and develop a risk mitigation plan.
7. Perform a business impact analysis.
8. Perform business continuity, disaster, and incident response planning.

### **Required Textbooks and Materials**

None

### **Suggested Course Materials**

Rohmeyer, P. & Bayuk, J. L. (2018) *Financial Cybersecurity Risk Management: Leadership Perspectives and Guidance for Systems and Institutions (1<sup>st</sup> ed.)* ISBN: 978-148241936

### **Assignments & Academic Calendar**

Cyber Risk Project will be discussed in class. You will assemble teams in class by the third week of the semester (no more than four students per team). A rubric will be provided on Blackboard. The presentation will be conducted on the last day of class.

### **Grading Policy**

The course will be graded as follows:

Assignment	20%
Google Cybersecurity Certificate	40%
Cyber Risk Project	30%
Participation	10%

Mid-term grades are provided as guidance only to indicate a student's progress. These grades are based on early coursework, so the student's overall Course Grade may change.

All grades will be posted on eLearning. UTD's grading policies may be found online via the UTD Graduate Catalog. This course will follow this scale:

All grades will be posted on eLearning. UTD's grading policies may be found online at <https://catalog.utdallas.edu/2015/graduate/policies/grades>. This course will follow the same scale:

97.1 – 100     A+

93.33 - 97	A
93.32 - 90.0	A-
89.9 - 86.67	B+
86.66 - 83.3	B
83.2 - 80.0	B-
79.9 - 76.67	C+
76.66 - 73.3	C
73.2 - 70.0	C-
69.9 - 67.67	D+
67.66 - 63.3	D
63.2 - 60.0	D-
Below 60.0	F

APPEALS: If there are apparent math errors on the instructor's part, let me know after class. All other appeals must be in writing within one week of the assignment grade posting, stating why your answer was correct. You must be able to support your argument with specific citations from the text or other material.

**Grades will not be "rounded up". For example, if you earn a 76.65, your grade is C. The grades you earn are what are posted. I will not make exceptions to this rule.**

Professor reserves the right to make extra credit opportunities available to the whole class.

### **Course Policies**

Assignments are due on the date and time stated in class. No late assignments will be accepted, meaning once the assignment closes, I will not accept your assignment (unless you have contacted me prior to the assignment due date and made special arrangements). All homework must be **typed and double-spaced in 12 pt. font**. Your Assignments should contain the following Information in the upper portion of the paper: *name, date, course number and section, and homework title*.

#### *Class Materials*

The instructor may provide class materials that will be made available to all students registered for this class as they are intended to supplement the classroom experience. These materials may be downloaded during the course; however, these materials are for registered students' use only. Classroom materials may not be reproduced or shared with those not in class or uploaded to other online environments except to implement an approved AccessAbility Resource Center accommodation. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

#### *Class Attendance*

Though the class dates are set, each session's material remains fluid and may be updated throughout the semester. Please make every effort to attend and actively participate in each class meeting. If low attendance becomes a persistent issue, a more restrictive policy may be implemented.

### *Class Participation*

Regular class participation is expected. Students who fail to participate in class regularly are inviting scholastic difficulty. A portion of the grade for this course is directly tied to your participation in this class. It also includes engaging in group or other activities during class that solicit your feedback on homework assignments, readings, or materials covered in the lectures (and/or labs). Class participation is documented by faculty. Successful participation is defined as consistently adhering to University requirements, as presented in this syllabus. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

### *Class Recordings*

Students are expected to follow appropriate University policies and maintain the security of passwords used to access recorded lectures. Unless the AccessAbility Resource Center has approved the student to record the instruction, students are expressly prohibited from recording any part of this course. Recordings may not be published, reproduced, or shared with those not in the class or uploaded to other online environments except to implement an approved AccessAbility Resource Center accommodation. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

### *Classroom Citizenship*

UTD JSOM is a top-rated business school. The course environment is managed with the expectations, behaviors, protocols and governance of a business professional environment.

### **Comet Creed**

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

"As a Comet, I pledge honesty, integrity, and service in all that I do."

### **Academic Support Resources**

The Information contained in the following link lists the University's academic support resources for all students. Please see <http://go.utdallas.edu/academic-support-resources>.

### **UT Dallas Syllabus Policies and Procedures**

The Information contained in the following link constitutes the University's policies and procedures segment of the course syllabus. Please review the catalog sections regarding the [credit/no credit](#) or [pass/fail](#) grading option and withdrawal from class.

Please go to <http://go.utdallas.edu/syllabus-policies> for these policies.

### **Certification Bodies and Certifications**

Organization/Certification(s)	URL
Information Systems Audit and Control Association (ISACA) CGEIT, CRISC, CISA, others	<a href="https://www.isaca.org/">https://www.isaca.org/</a>
(ISC) <sup>2</sup> SSCP, CISSP, more	<a href="https://www.isc2.org/">https://www.isc2.org/</a>
Information Technology Infrastructure Library (ITIL/Axelos) Foundation, ITIL Managing Professional, ITIL Strategic Leader, Master Project Management Institute (PMI) PMI-RMP, PMP, others	<a href="https://www.axelos.com/certifications/itil-certifications.aspx">https://www.axelos.com/certifications/itil-certifications.aspx</a>  <a href="https://www.pmi.org/">https://www.pmi.org/</a>
The Risk Management Society (RIMS) RIMS-CRMP	<a href="https://www.rims.org/home">https://www.rims.org/home</a>

*Course Units:*

- Systems perspective
- What is cybersecurity?
- Technology basics and attributes
- Economics and the human factor
- Intelligence communities
- Cybersecurity theory
- Consumer protection laws
- Criminal laws
- Critical infrastructure
- Intellectual property rights
- The private sector
- Cybersecurity struggles
- Cybersecurity and the future

*The descriptions and timelines in this syllabus are subject to change at the discretion of the Professor.*

**Team Project: Worth 30-points of Your Final Grade**

These projects challenge your team's analytical, problem-solving, and communication skills while immersing yourself in a real-world cyber security and risk management scenario. Each project offers a unique perspective on how you can apply your knowledge to address complex challenges in the field.

A 15-minute presentation is required. I will also need a copy of your presentation beforehand and a 2-3 page executive summary.

Topics will be provided in class the third week of class.