



Syllabus for CYB 720

Cybersecurity Ethics and Communication

NOTE: This syllabus document contains the basic information of this course. The most current syllabus is available in the full course.

Course Description

This course is a study of the ways that communication, ethics, and cybersecurity intersect in relation to employment. In addition to ethical frameworks, students will learn to present technical information to audiences with varying goals and technical needs. Presentations and projects will emulate professional scenarios in cybersecurity.

Prerequisite(s)

None

Program Outcomes

This course addresses the following competencies and program outcomes of the Master of Science in Cybersecurity:

- Program Outcome 4: Policy/Legal/Ethics/Compliance – Explain the role of policy, law, and ethics in cybersecurity and ensure compliance with relevant organizational policies and regulatory frameworks.

Course Outcomes

Upon completing this course, you will be able to do the following:

- Apply an ethical decision-making process when confronted with ethical dilemmas.
- Describing the role of cybersecurity in utilizing, supporting, and encouraging ethical cybersecurity practices.
- Analyze audience and context to adjust communication to be optimally effective, appropriate, and ethical
- Critically evaluate and provide feedback to messages.

Course Requirements/Components

Discussions

Most real learning comes not from mere reading or listening to a lecture, but from a true exchange of ideas and questions. In a traditional classroom, discussions are easy and natural. In the online environment, we will attempt to simulate these discussions through prompting questions and a space for responses. While there is a longer description of discussion expectations elsewhere in the course material, fundamentally you are expected to participate in those discussions fully—not only for your education, but for the expanded education of your classmates.



Assignments

You will engage in a variety of assignments covering different aspects of communication and ethics such as planning for communication, conducting an audience analysis, engaging in active listening, critiquing messages, and applying ethical frameworks to various case studies.

Technical and Non-Technical Communication

Being able to communicate technical information to a variety of stakeholders is an essential skill in the field of cybersecurity. In this course there are two assignments that specifically focus on this. You will develop and deliver both an informative and a persuasive presentation meant to convey technical information to a non-technical audience.

Grading

The following grading scale will be used to evaluate all course requirements and to determine your final grade:

Grade	Percentage Range
A	93-100%
A/B	89-92.99%
B	83-88.99%
B/C	78-82.99%
C	70-77.99%
D	60-69.99%
F	0-59.99%

Assignments	Percentage
Discussions	20%
Assignments	40%
Informative Presentation	20%
Persuasive Presentation	20%
Total	100%