**Enterprise Cybersecurity Management**

MET CS 684

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Office hours: by appointment

**Course Description**

This course covers important topics that students need to understand in order to effectively manage a successful cybersecurity and privacy program, including governance, risk management, asset classification and incidence response. Students are first introduced to cybersecurity & privacy policy frameworks, governance, standards, and strategy. Risk tolerance is critical when building a cybersecurity and privacy program that supports business goals and strategies. Risk management fundamentals and assessment processes will be reviewed in depth including the methodology for identifying, quantifying, mitigating and controlling risks. Asset classification and the importance of protecting Intellectual Property (IP) will prepare students to understand and identify protection mechanisms needed to defend against malicious actors, including industry competitors and nation states. Incident Response programs will cover preparation and responses necessary to triage incidents and respond quickly to limit damage from malicious actors.

**Course Material**

All course materials will be provided on the course blackboard site.

**Class Policies**

1. **Attendance & Absences** – This course emphasized participation as reflected in the grading structure. Attendance is a major component of this and will be reflected in final grades.
2. **Assignment Completion & Late Work** – All assignments are to be completed and uploaded to blackboard by the posted due date. Late work will not be accepted.
3. **Academic Conduct Code** –Cheating and plagiarism will not be tolerated in any Metropolitan College course. They will result in no credit for the assignment or examination and may lead to disciplinary actions. Please take the time to review the [Student Academic Conduct Code](http://www.bu.edu/met/metropolitan_college_people/student/resources/conduct/code.html.).

**Grading Criteria**

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| **Assignments:** Periodic assignments are scheduled throughout the semester that are connected to the lecture material. | 30% |
| **Participation & Discussions:** This covers all other elements of the course including but not limited to: participation & discussion (live and virtual), attendance, professionalism, resource sharing, ability to incorporate feedback, critical thinking, etc. | 30% |
| **Final Project:** The term project will be introduced on the first day of class and will include periodic submissions (e.g. proposal, outline, etc.) as well as a final report and presentations. All of these elements will continue to the overall project grade. | 40% |

**Class Meetings, Lectures & Assignments**

All assignments and project milestones are due prior to the start of class on the posted date. The blackboard portal will be configured to stop accepting submissions at 6pm on these dates.

*Lectures and Assignments subject to change, and will be announced in class as applicable within a reasonable time frame.*

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| **Date** | **Topic** | **Assignments Due** | **Project Milestone** |
| January 26 | Begin Module 1 |  |  |
| February 2 |  |  |  |
| February 9 | Begin Module 2 | Assignment 1 due |  |
| February 16 |  |  | Proposal |
| February 23 | Begin Module 3 | Assignment 2 due |  |
| March 2 |  |  |  |
| March 9 | NO CLASS – spring break |
| March 16 | Begin Module 4 | Assignment 3 due |  |
| March 23 |  |  | Report Outline |
| March 30 | Begin Module 5 | Assignment 4 due |  |
| April 6 |  |  |  |
| April 13 | Begin Module 6 | Assignment 5 due |  |
| April 20 |  |  | Final Report |
| April 27 | NO CLASS – substitute for Monday class |
| May 4 | Project presentation | Assignment 6 due |  |

**BU Community COVID-19 Public Health Policies**

All students returning to campus will be required to be [vaccinated against COVID-19](https://www.bu.edu/back2bu/campus-life-graduates/bu-community-health-safety/covid-19-vaccination-information/), and upload information about their status (including applications for a medical or religious exemption or an extension) to the [Patient Connect](https://patientconnect.bu.edu/) portal. In addition to the vaccine requirement, students must follow all other safety protocols, including the [face covering policy](https://www.bu.edu/back2bu/campus-life-graduates/bu-community-health-safety/face-coverings/), and [screening](https://www.bu.edu/back2bu/campus-life-graduates/bu-community-health-safety/covid-19-screening-testing-contact-tracing/screening/), [contact tracing](https://www.bu.edu/back2bu/campus-life-graduates/bu-community-health-safety/covid-19-screening-testing-contact-tracing/contact-tracing/), and [testing](https://www.bu.edu/back2bu/campus-life-graduates/bu-community-health-safety/covid-19-screening-testing-contact-tracing/testing/) requirements. At the beginning of each class you will be asked to show a green [Healthway](https://www.bu.edu/healthway/) compliance badge on your mobile device to the instructor, and wear your face mask over your mouth and nose at all times.