

# **CS 290 SP 2023 Capstone Project Instructions**

This project is to be completed in the scope that you were hired as a consultant to complete a Cybersecurity analysis and subsequent plan for the organization your class or you individually are assigned to. Your goal is to identify what exists in each category and make recommendations as to what needs to be changed. In the topic section on the Populi page, you will find several documents to use as examples to assist you in developing the plan. Additionally, you have both textbooks and all the readings from the course.

## **Topics:**

The topics to be included are listed in detail in the VFMC ISS Cyber Security Plan Template are:

- Risk Management
- People & Policy Risks
  - Organizational Policy
  - Legal and regulatory compliance
  - Personnel and Training
- Process Risks
  - Operational Risks
  - Physical security
- Technology Risks
  - Network Risks
  - Platform Risks
  - Application/Software Risks

## **Format:**

I am leaving the format of the plan up to you. There is no right or wrong format. What is important is what is included in the plan. Additionally, the plan is comprehensible and usable as a tool for the organization to improve its Cybersecurity posture.

## **Length:**

This is subjective as well. I do not want a ridiculously lengthy document, but I do not want only a single page from each student either. Typically, real-world plans are quite lengthy depending on the organization.

## **Collaboration:**

This is to be a collaborative effort of each group. The group will have to vote on a project manager whose responsibility it will be to assemble the deliverables completed by group members in to a cohesive document.

NOTE: I do not want to hear reports that someone is not carrying their weight. If everyone works as a unit this is not that burdensome of a project.

## **Due Date:**

No later than 28 April 2023