Syllabus for CYB760 Cybersecurity Leadership and Team Dynamics

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

Course Description

Focuses on leadership best practices and the interpersonal processes and structural characteristics that influence the effectiveness of teams. Emphasis will be placed on leadership models, principles of team building, group dynamics, problem-solving, and crisis management in cybersecurity issues. The course will include case studies of modern security incidents.

Prerequisite(s)

None

Program Outcomes

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

- Program Outcome 12: Engage in ethical decision-making and apply ethical principles to cybersecurity
- Program Outcome 13: Engage in professional collaboration and communication with technical and nontechnical stakeholders on issues related to security

Course Outcomes

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

- Apply interpersonal, intrapersonal, and organizational communication theory and concepts to real-life scenarios
- Incorporate leadership best practices to work-team settings based on challenges or obstacles found in relevant case studies
- Implement problem-solving strategies to address crisis situations
- Determine the pros and cons of various leadership models as they pertain to industry
- Develop a comprehensive and multifaceted leadership development plan

Course Requirements/Components

Discussions

The purpose of lesson discussions is to engage in critical reflection and dialogue with classmates regarding course content. There are five discussions in the course, and they are varied in nature, from self-reflection to short case studies regarding several aspects of leadership. For each discussion, you are required to post

responses to the discussion board (worth 15 points) and reply to two classmate posts (worth five points each). Guidance is provided for both posts and responses.

Content Assignments

As a cybersecurity leader, you will encounter many distinct types of situations that will affect how your followers react to you and the messages you are sending. As such, you need to be aware of leadership styles, communication, and the effects of leadership communication. The purpose of content assignments is to demonstrate mastery of course content. A variety of assignment types are employed in this course applying to several different ways of knowing course materials.

Personal Leadership Development Journal Entries

Throughout this course, you will engage in an ongoing effort to learn about your unique leadership style. The purpose of these journal entries is to reflect on course content and what you learn about yourself through personal assessments. These assessments lend insight into your leadership style and orientation, comfort with employing power, and ability to influence followers and stakeholders. Ultimately, your journal entries will build the foundation for your unique approach to communicating leadership which will eventually be expanded on in your leadership development plan.

Leadership Development Plan

Developing leadership communication skills is an ongoing process or journey, not a single event. Like other journeys, leadership development unfolds step by step. To become an effective leader, you will need to be proactive, taking responsibility for your development. In the leadership development plan assignment, you are guided through a process to produce an ongoing plan, including an ongoing commitment to leadership learning, building developmental relationships, and taking advantage of developmental experiences.

Individual and Group Case Study Projects

Case studies are an exceptional way to practice leadership without experiencing the costs associated with being responsible for an organizational intervention. Case studies require you to consider an actual organizational event, investigate the causes and consequences of that event, consider the unique interpersonal and organizational variables that influence the efficacy of the prescribed solution, choose and justify a solution for the organizational event, and plan for an implementation plan. In this course, you will engage in individual and group/team case analysis, solution proposing, and implementation planning in actual cybersecurity crisis situations.

Course Outline

Unit 1: What type of leader are you?
- Lesson 1: Defining Leadership
- Lesson 2: Strengths, Leadership Models, and You
- Lesson 3: Transformational Leadership
- Lesson 4: Power Strategies
- Lesson 5: Influence Strategies
- Lesson 6: Acting Ethically as a Leader
- Lesson 7: Leadership Development Plan

Unit 2: How do leaders develop functional teams?
- Lesson 8: Team and Group Dynamics/Diversity in Organizations
- Lesson 9: Leadership in Organizations and Team Development

Unit 3: How do leaders guide teams through difficult problems?

- Lesson 10: Problem-Solving and Crisis Management

Grading

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

Grade	Percentage Range	Points
A	94% - 100%	1,147-1,220
A-	90% - < 94%	1,098-1,146
B+	87% - < 90%	1,061-1,097
B	84% - < 87%	1,025-1,060
B-	80% - < 84%	976-1,024
C+	77% - < 80%	939-975
C	74% - < 77%	903-938
C-	70% - < 74%	854-902
F	0 - < 70%	0-853

Assignment	Points
Discussions	125
Content Assignments	450
Leadership Development Journal Entries	120
Leadership Development Plan	100
Individual Case Analysis	100
Milestone Reports	100
Individual SWOT Reports	75
Board of Directors Report	150
Total Points	**1,220**