CSIT 241: CYBERSECURITY LEGAL AND REGULATORY OVERVIEW

1. Course Information

Subject
CSIT - Computer Science/ Information Technology

Course Number
241

School
Science, Technology, Engineering, Mathematics

Course Title
Cybersecurity Legal and Regulatory Overview

2. Hours

Semester Hours
3

Lecture
3

Lab
0

Practicum
0

3. Catalog Description

For display in the online catalog
This course reviews the various government and industry-specific laws, regulations and standards that govern the policies of an enterprise Cybersecurity program. This course prepares students to be both authors and participants in the definition, implementation, execution and assurance of such policies across a range of career areas and roles, included but not limited to Security Specialist, Government Administrator, Human Resources Professional, and Law Enforcement Officer.

4. Requisites

Prerequisites
CSIT 200 with a grade of C or higher.

5. Course Type

Course Fee Code
3

Course Type for Perkins Reporting
vocational (approved for Perkins funding)

6. Justification

Describe the need for this course
This course will be a requirement toward a Cybersecurity Certificate of Completion as part of a curriculum designed to address the "Policy, Legal and Ethics (PLE)" Knowledge Unit requirement for OCC qualification as a National Center of Academic Excellence in Cyber Defense (CAE-CD).

7. General Education

Will the college submit this course to the statewide General Education Coordinating Committee for approval as a course, which satisfies a general education requirement?
No

If the course does not satisfy a general education requirement, which of the following does it satisfy:
Program-specific requirement

8. Consistency with the Vision and Mission Statements, the Academic Master Plan, and the strategic initiatives of the College

Please describe how this course is consistent with Ocean County College's current Vision Statement, Mission Statement, Academic Master Plan, and the strategic initiatives of the College:

	Add item
1	Demonstrating the college's commitment to offer comprehensive educational programs that develop intentional learners of all ages. (Mission Statement)
2	Seeking to ensure that students will thrive in an increasingly diverse and complex world. (Vision Statement)
3	Preparing students for successful transfer to other educational institutions and/or for entrance into the workforce. (Academic Master Plan)
4	Seeking to empower students through the mastery of intellectual and Practical Skills. (Academic Master Plan)
5	Challenging students to transfer information into knowledge and knowledge into action. (Academic Master Plan)

9. Related Courses at Other Institutions

Comparable Courses at NJ Community Colleges

Institution
Sussex County CC

Course Title
Cyber Law

Course Number
CYBR102

Number of Credits
3

Institution
Union County College

Course Title
Cyber Law and Ethics

Course Number
CST215

Number of Credits
3

Transferability of Course

Georgian Court University

Course Code, Title, and Credits	Transfer Catagory	If non-transferable; select status
EC "56" – Elective Credit – 3 Credits	Elective	

Kean University

Course Code, Title, and Credits	Transfer Catagory	If non-transferable; select status
CJ3710 Cyber Policy – 3 Credits	Elective	

Monmouth University

Course Code, Title, and Credits	Transfer Catagory	If non-transferable; select status
CS002 – 200-Level Computer Science Elective – 3 Credits	Elective	

Rowan University

Course Code, Title, and Credits	Transfer Catagory	If non-transferable; select status
CS01077 Computer Science GE Elective – 3 Credits	Elective	

Rutgers - New Brunswick, Mason Gross School of the Arts

Course Code, Title, and Credits	Transfer Catagory	If non-transferable; select status
		Will not transfer

Stockton University

Course Code, Title, and Credits	Transfer Catagory	If non-transferable; select status
CRIMEC – Criminal Justice Elective – 3 Credits CSISEC – Computer Science an Info System Elective – 3 Credits	Elective	

If not transferable to any institution, explain:

Rutgers: Students who take this course as a part of an AA or AS degree can receive Elective credit

10. Course Learning Outcomes

Learning Outcomes

	Students who successfully complete this course will be able to:
CLO1	Identify the Cybersecurity laws, standards and regulations that apply to a specific enterprises and industries,
CLO2	Apply the requirements, processes and approaches necessary to address the various legal and regulatory requirements in an enterprise Cybersecurity Policy,
CLO3	Explain the statutes and penalties that apply to Cybersecurity crimes as specified in the various laws,
CLO4	Apply the various standards, models and processes to identify and analyze Cybersecurity risks and specify mitigation plans and countermeasures,
CLO5	Describe the role of Cybersecurity policy in various industry areas and careers.

11. Topical Outline

(include as many themes/skills as needed)

	Major Themes/ Skills	Assignments (Recommended but not limited to)	Assessments (Recommended but not limited to)	Course Learning Outcome(s)
TO1	Introduction to Security Policy 1) Defining Security Policy 2) Establishing a Security Policy 3) Identifying Relevant Laws and Regulations 4) The Security Policy Lifecycle 5) The Costs of Non-Compliance	Hands-on	Exam	CL01, CL02

TO2	Overview of Key Federal Cybersecurity Laws and Initiatives 1) Cyber Security Fraud and Abuse Act (CSFAA) (1986) 2) Presidential Directive PDD-63 (1998) 3) Homeland Security Act (2002) 4) Federal Information Security Management Act (FISMA) 5) Cyber Security Act of 2015 6) Federal Cybersecurity Workforce Assessment Act 7) Cyber Security and Infrastructure Agency Act of 2018 8) State and Local Cybersecurity Act of 2019	Reading and Analysis	Exam	CL01, CL03
TO3	Cyber Crime Statutes and Penalties 1) Statutes 2) Offenses and Penalties	Case Study Reviews	Case Studies	CL03
TO4	Cybersecurity International and Domestic Standards 1) International Standards 2) Domestic Standards	Reading and Analysis	Exam	CL01, CL04
TO5	Industry-Specific Regulations 1) Telecommunications Industry 2) Energy Industry 3) Healthcare Industry 4) Financial Industry 5) Federal Government 6) Education and Family Services	Reading and Analysis	Exam	CL01, CL04
TO6	Careers in Cybersecurity Law and Regulatory Compliance 1) Criminal Justice 2) Homeland Security 3) Defense and Defense Contracting 4) Federal, State and Local Government 5) IT/Corporate Security Office 6) Auditing and Accounting 7) Personnel and HR	Reading and Analysis	Exam, Final Project	CL01, CL02, CL04, CL05

12. Methods of Instruction

In the structuring of this course, what major methods of instruction will be utilized?

o Class lecture
o Discussion
o Demonstrations
o Programs and online presentations

13. General Education Goals Addressed by this Course (this section is to fulfill state requirements)

Information

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Technological Competency
Yes

Related Course Learning Outcome
CL02, CL04

Related Outline Component
TO1, TO4

Assessment of General Education Goal (Recommended but not limited to)
Exam, Written Assignments, Projects and Presentations

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Independent/Critical Thinking
Yes

Related Course Learning Outcome
CL02, CL03, CL05

Related Outline Component
TO2-TO4

Assessment of General Education Goal (Recommended but not limited to)
Exam, Written Assignments

14. Needs

Instructional Materials (text etc.):
Appropriate textbooks and/or Open Educational Resources will be selected. Class notes, presentations, software and online materials.

Technology Needs:
College Portal and/or College Distance Learning Platform and/or Textbook or Instructor Website.

Human Resource Needs (Presently Employed vs. New Faculty):
Presently Employed Faculty.

Facility Needs:
Classrooms equipped with computer workstations.

Library needs:
None.

15. Grade Determinants

The final grade in the course will be the cumulative grade based on the following letter grades or their numerical equivalents for the course assignments and examinations

A: Excellent

B+: Very Good

B: Good

C+: Above Average

C: Average

D: Below Average

F: Failure

I: Incomplete

R: Audit

For more detailed information on the Ocean County College grading system, please see Policy #5154.

16. Board Approval

History of Board approval dates
New course board approved: February 25, 2021