Chaminade University

School of Business and Communication (SBC)
Undergraduate Business Administration Program
Cybersecurity Minor/Certification

CIS 410: Cyber Governance and Ethics

Meeting location and Class meeting schedule: Kieffer 9 Classroom, Canvas
Credits: 3   Section: #01-1   Term: Spring 2026 Semester

Instructor Information

Instructor:	Eduard O. Merc, PhD, MBA, PMP
Email:	Eduard.Merc@chaminade.edu
Phone:	808-739-7589 (SBC Office)
Office Location:	Kieffer 16 Office
Office Hours:	(If needed) Mondays, 4PM-5PM HST
Virtual Office (Google Meet)	https://meet.google.com/hfp-osce-yat
Virtual Office Hours:	(If needed) Mondays from 4PM to 5PM HST

Communication

If you communicate via CUH official email, which is preferred, please do so through the Canvas course page. I will respond to your emails within 24 to 48 hours Monday through Friday unless I have notified the class of an alternate time frame due to possible travel.

School & Department Information

School of Business & Communication

Office Location: Kieffer Hall, Room 12

Phone: (808) 739-8369

If you have questions regarding the BUAD DUG program, reach out to your Instructor or the School of Business & Communication.

Course Description & Materials

Catalog Course Description

This course examines the managerial, organizational, and policy aspects of cybersecurity in modern enterprises. Students learn how organizations design and manage security programs, assess and mitigate risks, comply with regulatory standards, and respond to cybersecurity incidents. Emphasis is placed on governance, leadership responsibilities, and strategic decision-making rather than technical system configuration.
Pre-requisites: CIS 310 or consent of instructor.

Time Allocation

This is a three-credit hour course requiring approximately 135 clock hours of student engagement over the semester, in accordance with Chaminade University credit hour policy. Students will spend approximately:
• 37.5 hours in class or structured online sessions
• 45 hours on readings and weekly quizzes
• 30 hours on the final project
• 22.5 hours preparing for exams and reviewing course material

Required Materials

Whitman, M. E., & Mattord, H. J. Management of Cybersecurity, 7th Edition. Cengage Learning. ISBN: 979-8214011738.
Additional readings, videos, and case materials will be provided through Canvas.

Recommended Items

Reliable internet access, Microsoft Office or Google Workspace, and regular access to Canvas.

Canvas

Canvas (https://chaminade.instructure.com) will be used for announcements, lecture materials, quizzes, assignment submissions, grades, and feedback. Students are responsible for checking Canvas regularly.

Learning Outcomes
Program Learning Outcomes (PLOs)

Upon completion of the CIS program, students will be able to:
1. Apply computing principles to solve organizational problems
2. Analyze information systems within business and societal contexts
3. Demonstrate ethical and professional responsibility
4. Communicate technical and managerial concepts effectively

Course Learning Outcomes (CLOs)
Upon completion of CIS 410, students will be able to:
1. Explain cybersecurity governance structures and managerial responsibilities
2. Assess organizational cybersecurity risks and recommend mitigation strategies
3. Interpret major cybersecurity standards and compliance requirements
4. Develop basic security policies and response plans
5. Evaluate legal, ethical, and organizational impacts of cybersecurity decisions
6. Communicate cybersecurity risks to non-technical stakeholders

Marianist Values
This course supports Marianist educational principles by promoting ethical leadership, social responsibility, and adaptability to technological change. Students analyze how cybersecurity decisions impact individuals, organizations, and society, and how leaders must balance innovation with responsibility, trust, and service.

Native Hawaiian Values
This course reflects Native Hawaiian values by emphasizing collective responsibility, stewardship of resources, and respectful relationships. Cybersecurity is framed as a shared obligation to protect communities, data, and systems that support social well-being. Students are encouraged to view cybersecurity not only as a technical problem, but as a community and organizational responsibility.

Course Activities
Homework – Weekly Concept Check Quizzes (Option A)
Weekly homework assignments are delivered as Quick Concept Check quizzes in Canvas. Each quiz includes approximately 10-20 multiple-choice or short-answer questions covering key terminology, frameworks, risk concepts, and managerial decision-making. Each quiz takes about 15–30 minutes. Quizzes are due on Sunday at 11:59 PM.

Exams
There will be one midterm exam and one final exam assessing conceptual understanding and application of cybersecurity management principles.

Final Project
Students will complete a Cybersecurity Management Plan for a real or hypothetical organization, focusing on managerial strategy rather than technical configuration. The project includes organizational context, governance and compliance, risk analysis, controls, incident response, and training strategy. Length: 5–7 pages or approved presentation format.

Grading
Weekly Quizzes: 20%
Participation: 15%
Midterm Exam: 20%

Final Project: 30%
Final Exam: 15%
Total: 100%

Course Policies
Attendance
Regular attendance and participation are expected. Students are responsible for material covered during absences.

Late Work
Late assignments may receive reduced credit unless prior arrangements are made. Technical issues are not valid excuses for late submissions.

Extra Credit
Extra credit is not typically offered.

Changes to the Syllabus
The instructor reserves the right to modify the syllabus as needed to support learning objectives. Students will be notified of changes through Canvas.

Grades of Incomplete
An incomplete grade may be granted only under exceptional circumstances and requires documentation and instructor approval.

Weekly Schedule (Tentative)
Week 1: Course Introduction & Cyber Landscape – Quiz 1
Week 2: Governance & Leadership – Quiz 2
Week 3: Risk Management – Quiz 3
Week 4: Standards & Compliance – Quiz 4
Week 5: Controls & Safeguards – Quiz 5
Week 6: Security Policies – Quiz 6
Week 7: Program Management – Quiz 7
Week 8: Midterm Exam
Week 9: Incident Response – Quiz 8
Week 10: Business Continuity – Quiz 9
Week 11: Human Factors – Quiz 10
Week 12: Emerging Technologies – Quiz 11
Week 13: Metrics & Reporting – Quiz 12
Week 14: Final Project Due / Presentations
Week 15: Final Exam

Course Policies

Late Work Policy

All work in this course will be due at <mark>23:59PM HST Midnight every Sunday,</mark> at which point online submission boxes will promptly close. Late work is NOT accepted in this course. Assignments which are not submitted on or before their due date will receive an automatic zero. If you find that you are having technical difficulties, please contact the Chaminade IT Helpdesk for issues related to Chaminade technology. If you have documentation from the Helpdesk indicating that they have identified a problem with the technology, I will allow you to submit the assignment once a resolution has been reached at no penalty to you. If students are unsure of their home technology, they should plan ahead to use the computer lab on-campus in order to submit work in a timely manner.

Grades of "Incomplete"

Incomplete grades are reserved for cases of illnesses and other emergencies that cause a student to be unable to complete the course by the due date. In such cases, the instructor has the option of issuing an "incomplete" grade at the end of the semester. Requests for an "incomplete" must be accompanied by substantive documentation.

Writing Policy

APA Style writing will be used in this class. For more information about this writing style, please visit:
https://apastyle.apa.org/

Instructor and Student Communication

Questions for this course can be emailed to the instructor at Eduard.Merc@chaminade.edu. Online, in-person and phone conferences can be arranged. Response time will take place up to 24 hours.

Cell phones, tablets, and laptops

Out of consideration for your classmates, please set your cell phone to silent mode during class. Students are encouraged to bring laptops or tablets to class as the instructor will assign online activities and readings that will require the use of a laptop or tablet. Laptops and tablets should not be misused, such as checking distracting websites. Use your best judgment and respect your classmates and instructor.

Important Information

Academic Honesty

Academic honesty is an essential aspect of all learning, scholarship, and research. It is one of the values regarded most highly by academic communities throughout the world. Violations of the principle of academic honesty are extremely serious and will not be tolerated.

Students are responsible for promoting academic honesty at Chaminade by not participating in any act of dishonesty and by reporting any incidence of academic dishonesty to an instructor or to a University

official. Academic dishonesty may include theft of records or examinations, alteration of grades, and plagiarism, in addition to more obvious dishonesty.

Questions of academic dishonesty in a particular class are first reviewed by the instructor, who must make a report with recommendations to the Dean of the Academic Division. Punishment for academic dishonesty will be determined by the instructor and the Dean of Academic Division and may include an "F" grade for the work in question, an "F" grade for the course, suspension, or dismissal from the University.

For the most up to date information, please refer to the [Academic Honesty Policy](#) on the Chaminade University Catalog website.

Title IX and Nondiscrimination Statement

Chaminade University of Honolulu is committed to providing a learning, working and living environment that promotes the dignity of all people, inclusivity and mutual respect and is free of all forms of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking. As a member of the University faculty, I am required to immediately report any incident of sex discrimination or gender-based violence to the campus Title IX Coordinator.

Nondiscrimination Policy & Notice of Nondiscrimination

Chaminade University of Honolulu does not discriminate on the basis of sex and prohibits sex discrimination in any education program or activity that it operates, as required by Title IX and its regulations, including in admission and employment. Inquiries about Title IX may be referred to the University's Title IX Coordinator, the U.S. Department of Education's Office for Civil Rights, or both and contact information may be found at the [Chaminade University Title IX Office Contact Information and Confidential Resources website](#). On-campus Confidential Resources may also be found here at [CAMPUS CONFIDENTIAL RESOURCES](#).

The University's Nondiscrimination Policy and Grievance Procedures can be located on the University webpage at: https://chaminade.edu/compliance/title-ix-nondiscrimination-policies-procedures/.

To report information about conduct that may constitute sex discrimination or make a complaint of sex discrimination under Title IX, please refer to the [Campus Incident Report form](#). Chaminade University of Honolulu prohibits sex discrimination in any education program or activity that it operates. The NOTICE of NONDISCRIMINATION can be found here: [Notice of Nondiscrimination](#).

CUH Alert Emergency Notification

To get the latest emergency communication from Chaminade University, students' cell numbers will be connected to Chaminade's emergency notification text system. When you log in to the Chaminade portal, you will be asked to provide some emergency contact information. If you provide a cellphone number, you will receive a text from our emergency notification system asking you to confirm your number. You must respond to that message to complete your registration and get emergency notifications on your phone.

Assessment for Student Work

With the goal of continuing to improve the quality of educational services offered to students, Chaminade University conducts assessments of student achievement of course, program, and institutional learning outcomes. Student work is used anonymously as the basis of these assessments, and the work you do in this course may be used in these assessment efforts.

Student with Disabilities Statement

Chaminade University of Honolulu offers accommodations for all actively enrolled students with disabilities in compliance with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act (ADA) of 1990, and the ADA Amendments Act (2008).

Students are responsible for contacting Kokua Ike: Center for Student Learning to schedule an appointment. Verification of their disability will be requested through appropriate documentation and once received it will take up to approximately 2–3 weeks to review them. Appropriate paperwork will be completed by the student before notification will be sent out to their instructors. Accommodation paperwork will not be automatically sent out to instructors each semester, as the student is responsible to notify Kokua Ike via email at ada@chaminade.edu each semester if changes or notifications are needed.

Kōkua 'Ike: Tutoring & Learning Services

Chaminade is proud to offer free, one-on-one tutoring and writing assistance to all students. Tutoring and writing help is available on campus at Kōkua 'Ike: Center for Student Learning in a variety of subjects (including, but are not limited to biology, chemistry, math, nursing, English, etc.) from trained Peer and Professional Tutors. Please check Kōkua 'Ike's website for the latest times, list of drop-in hours, and information on scheduling an appointment. Free online tutoring is also available via TutorMe. Tutor Me can be accessed 24/7 from your Canvas account. Simply click on Account > TutorMe. For more information, please contact Kōkua 'Ike at tutoring@chaminade.edu or 808-739-8305.

Credit Hour Policy

The unit of semester credit is defined as university-level credit that is awarded for the completion of coursework. One credit hour reflects the amount of work represented in the intended learning outcomes and verified by evidence of student achievement for those learning outcomes. Each credit hour earned at Chaminade University should result in 45 hours of engagement. This equates to one hour

of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester, 10-week term, or equivalent amount of work over a different amount of time. Direct instructor engagement and out-of-class work result in total student engagement time of 45 hours for one credit.

The minimum 45 hours of engagement per credit hour can be satisfied in fully online, internship, or other specialized courses through several means, including (a) regular online instruction or interaction with the faculty member and fellow students and (b) academic engagement through extensive reading, research, online discussion, online quizzes or exams; instruction, collaborative group work, internships, laboratory work, practica, studio work, and preparation of papers, presentations, or other forms of assessment. This policy is in accordance with federal regulations and regional accrediting agencies.

Instructor Background Information

Eduard O. Merc, Ph.D., MBA, PMP
Adjunct Business Faculty, MIS, Business Analytics and Administration
Email: eduard.merc@chaminade.edu
Phone: (808) 739-8594

Dr. Eduard "Eddie" Merc, originally from Slovakia, Eastern Europe, has taught at the University level for over 16 years in areas such as international business management, global comparative management, computer science, entrepreneurship, business technology management, business data analytics, business statistics, operational management and business process management. Prior to teaching at Chaminade University of Honolulu, he taught extensively at Hawaii Pacific University, University of Hawai`i at Mānoa, and Brigham Young University-Hawaii.

Professor Merc also has experience in the corporate and nonprofit sectors. As Interim Manager/Specialist, Leadership and Professional Development at Hawaiian Airlines, he designed and managed Leadership and Professional Development (LPD) curriculum and workshops. Then, as a Senior Manager in Educational Learning Design and Support (LDS), he managed various computer-based courses (CBTs) to provide technical and professional development training to over 1,800 + employees. Also, as a former Director of Adult Tennis Development at United States Tennis Association (USTA), Eddie managed one of the largest nonprofit programs in sports industry throughout Hawai`i for 3 years.

Professor Merc is a proud member of the Hawai`i Air National Guard, where he serves as Financial Management Technician at Pearl Harbor-Hickam, and will soon be transitioning to Cyberspace Operations Command at Wheeler AFB.

Dr. Merc received his BS in Information Systems and BA in International Business from Brigham Young University-Hawaii, his MBA and MSIS from Hawaii Pacific University, and his Ph.D. in Education, with a concentration in Learning Design & Educational Technology Systems at University of Hawai`i at Mānoa.

Aloha!