

CS2612: SEMINARS ON CONTEMPORARY CYBERSECURITY

Effective Term

Semester A 2025/26

Part I Course Overview

Course Title

Seminars on Contemporary Cybersecurity

Subject Code

CS - Computer Science

Course Number

2612

Academic Unit

Computer Science (CS)

College/School

College of Computing (CC)

Course Duration

Two Semesters

Credit Units

0-2

Level

B1, B2, B3, B4 - Bachelor's Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

Nil

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

This course aims to increase the breadth of outlook of students in cybersecurity-related topics. Upon completion, students should be able to:

1. Understand the current technological trends, social and ethical issues in cybersecurity-related professions;
2. Acquire knowledge through self-motivated, continuous, and outside-classroom learning, with a focus on staying up-to-date with the latest developments in cybersecurity.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if DEC-A1 DEC-A2 DEC-A3 app.)			
1	Recognize the current technological trends, social and ethical issues in cybersecurity-related professions.	80	x		
2	Acquire cybersecurity knowledge through self-motivated, outside-class-room learning and discovery.	20		x	

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

LTAs		Brief Description	CILO No.	Hours/week (if applicable)
1	1	Approximately one seminar in different cybersecurity topics would be arranged. In total 7 to 8 seminars will be arranged per year.	1	
2	2	Students are required to write a report on cybersecurity per semester based on the seminars they attended and the extended readings they conduct, and should participate in the online discussion forum of the course regarding the technology trends.	1, 2	

Assessment Tasks / Activities (ATs)

	ATs	CILO No.	Weighting (%)	Remarks ("-" for nil entry)	Allow Use of GenAI?
1	Attendance of the arranged seminars	1	50	N/A	No
2	Reflections and extended readings documented in the submitted reports for the seminars that students attended	1, 2	50	-	No

Continuous Assessment (%)

100

Examination (%)

0

Assessment Rubrics (AR)**Assessment Task**

Attendance of the arranged seminars

Criterion

1.1. Attendance

Failure (F)

Not even reaching margin level

Assessment Task

Reflections and extended readings documented in the submitted reports for the seminars that students attended

Criterion

2.1. Ability to show appreciation of the technological trends and issues as well as self-learning

Failure (F)

Not even reaching margin level

Part III Other Information

Keyword Syllabus

Selected topics presented in the format of seminar. Example topics are: emerging cybersecurity threats and vulnerabilities; effective cybersecurity strategies in large corporations; latest trends in cybersecurity products and technologies; ethics considerations in cybersecurity, such as privacy and data protection.

Reading List**Compulsory Readings**

	Title
1	Nil

Additional Readings

	Title
1	Nil