



SEC-202: Secure Start-Up

Lecture 0 – Competency Overview

Instructed By:

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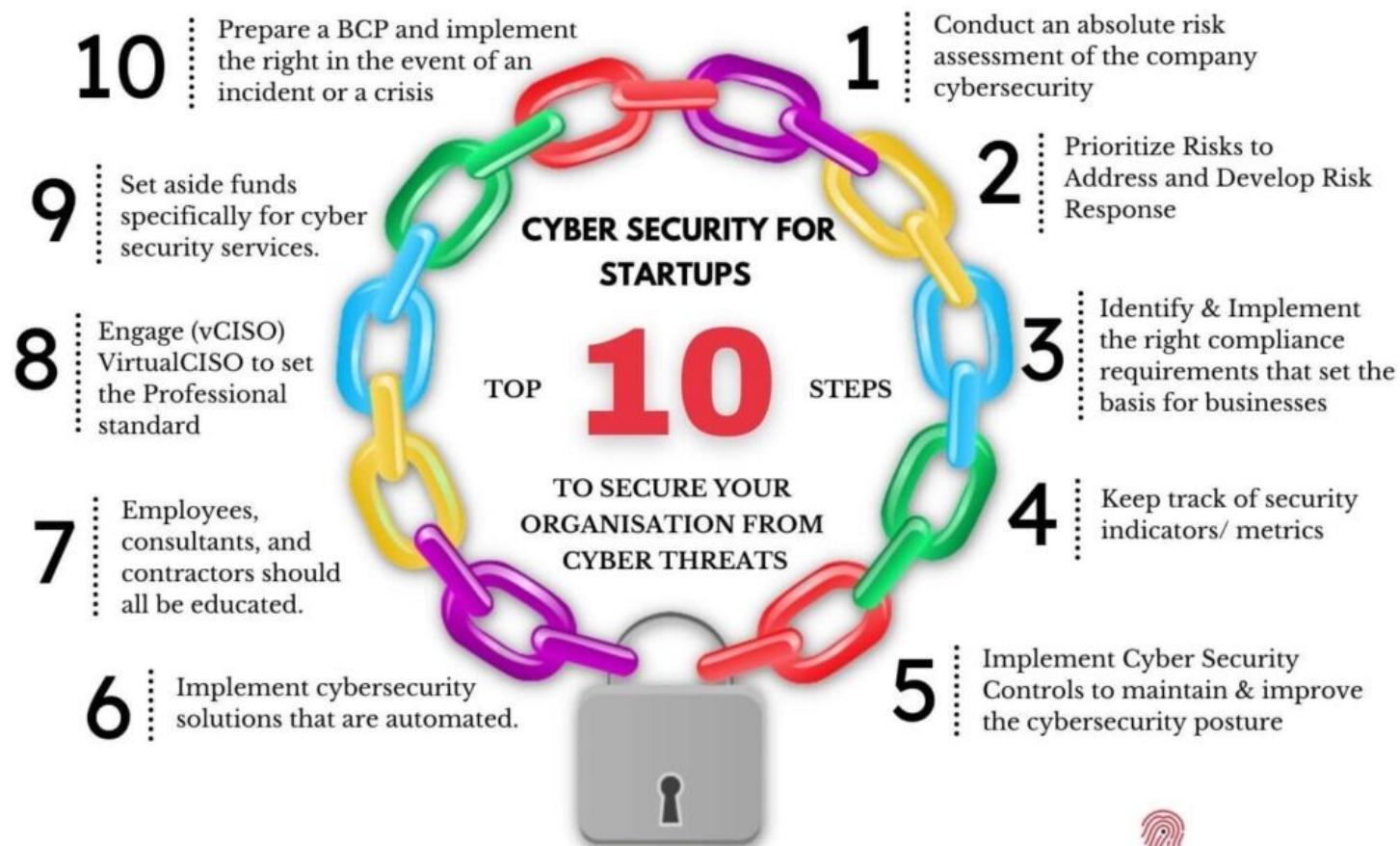
Artificial Intelligence and Computer
Engineering (AICE) Program

General Information

- **Competency Period:** January 19, 2026 to March 2, 2026 (**7 Weeks**)
- **Classroom Location:** CMKL 601
- **Lecture Time:** Every Monday, 15:00 – 16:00
- **Lab/Practical Session Time:** Every Monday, 16:00 – 17:00
- **Office Hours:** Every Monday, 11:00 – 12:00
- **Communication Channel:**
 - Class Material / Lecture Slides: <https://cmkl.instructure.com/courses/902/modules>
 - Discussion / Q&A: https://cmkl.instructure.com/courses/902/discussion_topics
 - Assessment Submission: <https://cmkl.instructure.com/courses/902/assignments>



Competency Description



For more detailed about this blog,
Click here: <https://www.iarminfo.com/cyber-security-for-startups/>



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Skills and Assessment

- There are four skills to be assessed in this competency:
 - [SEC-202:00010] – Understand the lifecycle of data and information within startup operations.
 - [SEC-202:00020] – Design an integrated landscape of security controls for the mock startup company.
 - [SEC-202:00030] – Evaluate the existing use of data and information within a startup company and critically assess its security measures.

▪ Assessment:

- Work in a group to establish a mock start-up company together.
- Develop an organizational design, processes, and measures for cybersecurity.
- Present your team's design and measures to your peers.
- Write a report to communicate the design of the mock start-up company.



Competency Schedule

Date	Classroom	Lecture Topics	Lab / Homework
January 19, 2026	601	<ul style="list-style-type: none">• Lecture 0: Competency Overview• Lecture 1: Secure Start-Up Strategy & Fundamentals• <u>Assessment Announcement</u>	<ul style="list-style-type: none">• No Lab• Homework 1: Setting up a company
January 26, 2026	601	<ul style="list-style-type: none">• Lecture 2: Identity & Endpoint Security (Zero Trust Basics)	<ul style="list-style-type: none">• Lab 1: Access Control and Least Privilege Principle• Homework 2: Identity and Access Management System Design
February 2, 2026	No Lecture / No Class		
February 9, 2026	601	<ul style="list-style-type: none">• Lecture 3: Infrastructure Security (Cloud & Network)	<ul style="list-style-type: none">• Lecture 4: Governance, Risk, and Compliance• Homework 3: Infrastructure Design for Security
February 16, 2026	601	<ul style="list-style-type: none">• Lecture 5: Application Security & Supply Chain Risk	<ul style="list-style-type: none">• Lab 2: Secure Development Process Design• Homework 4: CMMI
February 23, 2026	601	<ul style="list-style-type: none">• Lecture 6: Incident Response & Crisis Communication	<ul style="list-style-type: none">• Lecture 7: The Human Element & Future Careers• Homework 5: Incident Response Process Design
March 1, 2026	601	Assessment Project Presentation	
May 1, 2026		Assessment Report Submission Deadline	

70% Attendance is required for all students (5 out of 7 classes).

Academic Integrity

- “In any manner of presentation, **it is the responsibility of each student to produce her/his own original academic work.**”
- “In all academic work to be graded, **the citation of all sources is required.** When collaboration or assistance is permitted by the course instructor(s) [...], the **acknowledgement** of any collaboration or assistance is likewise required. This citation and acknowledgement must be incorporated into the work submitted and not separately or at a later point in time.”
- “**Cheating** occurs when a student avails her/himself of an unfair or disallowed advantage [...]"
- “**Plagiarism** is defined as the use of work or concepts contributed by other individuals without proper attribution or citation. Unique ideas or materials taken from another source for either written or oral use must be fully acknowledged in academic work to be graded.”
- The use of AI tools are **not prohibited** in the competency; however, it is required for students to input their original idea in the deliverables.



End of the Lecture

Please do not hesitate to ask any questions to free your curiosity,

If you have any further questions after the class, please contact me via email (charnon@cmkl.ac.th).