Daily Induction Plan

Lecturer: Muhammad Aiman Syahmi Bin Haris
Subject: CP115
Week: 10

#	Day/Time	Class	Mode	Topic	Learning Outcome	CLO	Reflection
1	MONDAY 01-Sep-2025 11:15 AM - 1:15 PM	C02	PRAKTIKUM	Topic 6: Use of Selection Control Structure	(g) Apply the IPO model, pseudocode and flowchart to create a coding solution (selection)	CLO2	Most students understand basic selection concepts, though some struggle with complex logical combinations
2	TUESDAY 02-Sep-2025 11:15 AM - 1:15 PM	C01	PRAKTIKUM	Topic 6: Use of Selection Control Structure	(g) Apply the IPO model, pseudocode and flowchart to create a coding solution (selection)	CLO2	Students successfully apply the IPO model and can create effective selection-based flowcharts for problem-solving
3	TUESDAY 02-Sep-2025 7:15 AM - 8:15 AM	C01	TUTORIAL 1	Topic 4: Python Programming	(d) Construct Python programs based on components (identifiers, variables, reserved words/keywords, data types, comments, import statements, input statements, output statements and indentation)	CLO2	Students can construct basic Python programs using proper components and syntax structure
4	TUESDAY 02-Sep-2025 2:15 PM - 3:15 PM	C02	TUTORIAL 1	Topic 4: Python Programming	(f) Construct a Python program using assignment and arithmetic operators	CLO2	Students have difficulty remembering all Python syntax rules and proper indentation initially
5	WEDNESDAY 03-Sep-2025 8:15 AM - 9:15 AM	C01 & C02	LECTURE 1	Topic 7: Use of Repetition Control Structure	(a) Identify types of repetition (counter-controlled and sentinel-controlled)	CLO1	Students can identify basic repetition concepts but find distinguishing between counter and sentinel types challenging

6	WEDNESDAY 03-Sep-2025 7:15 AM - 8:15 AM	C01	TUTORIAL 2	Topic 4: Python Programming	(f) Construct a Python program using assignment and arithmetic operators	CLO1, CLO2	Most students understand Python operators well, though some need practice with complex arithmetic expressions
7	THURSDAY 04-Sep-2025 7:15 AM - 8:15 AM	C01 & C02	LECTURE 2	Topic 7: Use of Repetition Control Structure	(a) Identify types of repetition (counter-controlled and sentinel-controlled)	CLO1	Students can explain the concepts of repetition structures and apply them in different programming scenarios
8	THURSDAY 04-Sep-2025 10:15 AM - 11:15 AM	C02	TUTORIAL 2	Topic 4: Python Programming	(f) Construct a Python program using assignment and arithmetic operators	CLO1, CLO2	Students find it challenging to combine multiple operators into cohesive programs but show gradual improvement

Course Learning Outcomes:

- CLO1: Explain basic computer programming concepts
- CLO2: Solve simple problems using algorithms and a programming language
- CLO3: Demonstrate programming skills in solving simple problems

Prepared By:

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01-Sep-2025

Verified By:

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05-Sep-2025