

Daily Induction Plan

Lecturer: Muhammad Aiman Syahmi Bin Haris

Subject: CP115

Week: 5

#	Day/Time	Class	Mode	Topic	Learning Outcome	CLO	Reflection
1	MONDAY 28-Jul-2025 11:15 AM - 1:15 PM	C02	PRAKTIKUM	Topic 3: Design Solutions	(c) Apply the appropriate control structure in pseudocode and flowchart	CLO3	Students can create basic flowcharts but struggle with complex control structure combinations
2	TUESDAY 29-Jul-2025 11:15 AM - 1:15 PM	C01	PRAKTIKUM	Topic 3: Design Solutions	(c) Apply the appropriate control structure in pseudocode and flowchart	CLO3	Most students successfully apply control structures in flowcharts, showing good understanding of design principles
3	TUESDAY 29-Jul-2025 7:15 AM - 8:15 AM	C01	TUTORIAL 1	Topic 2: Problem Analysis	(i) Apply the IPO model with repetition structure based on problem statements	CLO2	Students find repetition structure challenging when combined with IPO model but show gradual improvement
4	TUESDAY 29-Jul-2025 2:15 PM - 3:15 PM	C02	TUTORIAL 1	Topic 2: Problem Analysis	(i) Apply the IPO model with repetition structure based on problem statements	CLO2	Most students understand repetition concepts but need more practice with loop condition formulation
5	WEDNESDAY 30-Jul-2025 8:15 AM - 9:15 AM	C01 & C02	LECTURE 1	Topic 3: Design Solutions	(a) Define algorithm, pseudocode and flowchart	CLO1	Students can clearly define algorithms and understand the relationship between pseudocode and flowcharts

6	WEDNESDAY 30-Jul-2025 7:15 AM - 8:15 AM	C01	TUTORIAL 2	Topic 2: Problem Analysis	(i) Apply the IPO model with repetition structure based on problem statements	CLO1, CLO2	Students successfully combine IPO methodology with repetition structures for iterative problem solutions
7	THURSDAY 31-Jul-2025 7:15 AM - 8:15 AM	C01 & C02	LECTURE 2	Topic 4: Python Programming	(a) Define types of programming languages, programming paradigms and language translators	CLO1	Students understand different programming paradigms and can distinguish between various programming language types
8	THURSDAY 31-Jul-2025 10:15 AM - 11:15 AM	C02	TUTORIAL 2	Topic 2: Problem Analysis	(i) Apply the IPO model with repetition structure based on problem statements	CLO1, CLO2	Students demonstrate improved ability to apply repetition structures within IPO framework effectively

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:

Muhammad Aiman Syahmi Bin Haris
28-Jul-2025

Verified By:

Zulkarnaen Bin Saridi
Head of Computer Science Unit
01-Aug-2025