

Basic Programming					
Course Code COM60014	Student Workload 120 hours	Credits 6	Semester 1	Frequency Each odd-semester	Duration 16 meetings
1	Types of courses Compulsory (Faculty level)	contact hours 84 Hours	independent study 36 Hours	class size 40 students	
2	Prerequisites for participation				
3	Learning outcomes Mastering the theoretical concept and principles of computer science, especially in the aspect of algorithms, programming, intelligent systems, information management, parallel and distributed computing, information security, human-computer interaction, software engineering, and fundamentals of computer systems and networks.				
4	Subject aims <ul style="list-style-type: none"> • Students are able to understand, abstract, and identify simple computational problems into a structured programming approach. • Students are able to arrange algorithms in the form of flowcharts and / or pseudocode with a structured programming approach to solve simple computational problems. • Students are able to create computer programs with a structured programming approach to simple computational problems using a programming language 				
5	Teaching methods Lectures, case study, class discussion, presentation				
6	Assessment methods Assignment, mid-term examination, end-term examination, project evaluation, practical-skill assessment				
7	This module is used in the following degree programs as well Computer Engineering (CE), Computer Science (CS), Information Systems (IS), Information Technology (IT)				
8	Responsibility for module				
9	Other information <ol style="list-style-type: none"> 1. Y. Daniel Liang, Introduction to Java Programming Comprehensive Edition 11th Edition. Pearson. 2. M. Deitel, P. J. Deitel. 2015. Java™ How to Program, Tenth Edition. Prentice Hall 				