

IT Strategy and Policy

Module name	IT Strategy and Policy	
Module level	Undergraduate	
Code	IF221213	
Courses (if applicable)	IT Strategy and Policy	
Semester	5/6	
Lecturer	Yisti Vita Via, S.ST, M.Kom (PIC)	
Language	Bahasa Indonesia and English	
Relation to curriculum	Elective; 5 th or 6 th semester	
Type of teaching, contact hours	Lectures, < 20 students	
Teaching Methods	Simulation, case-study, project-based learning, problem-based learning.	
Workload	1. Lectures: 3 sks x 50 = 150 minutes (2 hours 30 minutes) per week. 2. Exercises and Assignments: 3 x 60 = 180 minutes (3 hours) per week. 3. Private study: 3 x 60 = 180 minutes (3 hours) per week	
Credit points	3 credit points (sks)	
Requirements according to the examination regulations	A student must have attended at least 80% of the lectures to sit in the exams.	
Mandatory prerequisites	Software Engineering	
Courses description	This course illustrate the process of developing effective strategic IT plan using tools and techniques for formulating IT policy that supports the organization's business policy.	
Learning outcomes and their corresponding PLOs	After completing this module, a student is expected to:	
	CO1 Students are able to use tools and techniques to formulate IT policies that support the organization's business strategy and can organize and manage IT strategies.	PLO9,PLO10
	CO2 Students are able to implement managing the information technology governance of an organization	PLO9,PLO10
Content	The material studied by students in this course includes: the role of IT from a strategic perspective, concepts of business strategy and their implications for IT strategy, effective IT strategy development, analysis of IT strategy, organization and availability of IT resources, IT investment management, strategies for IT and knowledge management, and management of IT infrastructure provisioning.	
Media employed	LCD, whiteboard, websites, books (as references), online meeting, etc.	
Assessments and Evaluation	One written Midterm assessment (60 minutes) and one final oral exam (30 minutes), two short computer-based quizzes, takehome written assignments	
Study and examination requirements and forms of examination	The final grade in the module is composed of: <ul style="list-style-type: none"> • Two short computer-based quizzes: 15% x 2 = 30% • Take-home written assignments : 15% • Written Midterm assessment: 25% • Final oral exam: 30% 	

	Students must have a final grade of 55.6% or higher to pass.
Reading List	<ul style="list-style-type: none"> • K. C. Laudon and J. P. Laudon, Management Information Systems: Managing the Digital Firm, 17th ed. Hoboken, NJ: Pearson, 2021. • G. Westerman, D. Bonnett, and A. McAfee, Leading Digital: Turning Technology into Business Transformation. Boston, MA: Harvard Business Review Press, 2020. • K. Schwalbe, Information Technology Project Management, 9th ed. Boston, MA: Cengage Learning, 2020. • J. Ward and J. Peppard, Strategic Planning for Information Systems, 5th ed. Hoboken, NJ: John Wiley & Sons, 2023. • J. A. Hoffer, J. F. George, and J. S. Valacich, Modern Systems Analysis and Design, 9th ed. Hoboken, NJ: Pearson, 2022.