



UNIVERSITAS GADJAH MADA

Faculty of Mathematics and Natural Sciences

Department of Computer Science and Electronics

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Bachelor in Computer Science

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MODULE HANDBOOK

Module name	Information Technology Project
Module level	Undergraduate
Code	MII-3506
Courses (if applicable)	NA
Semester	Fall (Odd)
Contact person	Lukman Heryawan, PhD
Lecturer	Lukman Heryawan, PhD
Language	Bahasa Indonesia & English
Relation to curriculum	1. Undergraduate degree program, compulsory, 6th semester. 2. International undergraduate program, compulsory, 6th semester.
Type of teaching, contact hours	1. Undergraduate degree program: lectures, < 60 students, 2. International undergraduate program: lectures, < 30 students.
Workload	1. Lectures: 3 x 50 = 150 minutes per week. 2. Exercises and Assignments: 2 x 50 = 50 minutes per week. 3. Private study: 1 x 50 = 50 minutes per week.
Credit points	3 credit points (sks).
Requirements according to the Examination regulations	A student must have attended at least 75% of the lectures to sit in the exams.
Recommended prerequisites	Software Engineering Methods
Learning outcomes(course outcomes) and their corresponding PLOs	After completing this module, a student is expected to: CO1. Able to explain the basic concepts of project management and IT organization CO2. Able to explain and identify the concept of project proposal, project procurement, project tools, and scheduling algorithms CO3. Able to explain and identify project cash, budget estimation, and budget monitoring CO4. Able to explain and understand human resource allocation & promotion, project monitoring CO5. Able to explain and present project portofolio & risk management, project certification

	<table border="1"> <thead> <tr> <th></th> <th>PLO</th> <th>CO1</th> <th>CO2</th> <th>CO3</th> <th>CO4</th> <th>CO5</th> </tr> </thead> <tbody> <tr> <td rowspan="5">Program Learning Outcome (PLO)</td> <td>PLO1</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>PLO2</td> <td>√</td> <td>√</td> <td></td> <td></td> <td></td> </tr> <tr> <td>PLO3</td> <td></td> <td></td> <td>√</td> <td></td> <td></td> </tr> <tr> <td>PLO4</td> <td></td> <td></td> <td></td> <td>√</td> <td></td> </tr> <tr> <td>PLO5</td> <td></td> <td></td> <td></td> <td></td> <td>√</td> </tr> </tbody> </table>		PLO	CO1	CO2	CO3	CO4	CO5	Program Learning Outcome (PLO)	PLO1						PLO2	√	√				PLO3			√			PLO4				√		PLO5					√																		
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Contents	<ol style="list-style-type: none"> 1. Concept of project management & IT organization 2. Project proposal & procurement 3. Project scheduling and monitoring 4. Human resources management 5. Project portfolio & risk management 																																																								
Study and examination requirements and forms of examination	<p>The evaluation is done in 2 forms, namely:</p> <ol style="list-style-type: none"> 1. Trial, either midterm or semester test, 2. Two tasks, including individual, 3. Two group assignments to be completed within a certain timeframe, and <p>Assessment is done using benchmark assessment, with the aim of measuring the level of student understanding related to the target and class rank.</p>																																																								
Media employed	e-learning Platform (ELOK), LCD, blackboard, and websites.																																																								
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Reading List	<ul style="list-style-type: none"> • Kathy Schwalbe, Information Technology Project Management, 2019, 9th edition. Cengage Learning Asia. 																																																								

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