



**UNIVERSITAS NEGERI YOGYAKARTA**  
POSTGRADUATE PROGRAM DEPARTMENT OF  
ELECTRONICS AND INFORMATICS ENGINEERING  
EDUCATION

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**Master of Education in Electronics and Informatics  
Engineering**

**MODULE HANDBOOK**

Module name:	Manajemen Proyek Perangkat Lunak (Project Management Software)
Module level, if applicable:	Postgraduate
Code:	PTI 8215
Sub-heading, if applicable:	-
Classes, if applicable:	-
Semester:	3 <sup>rd</sup>
Module coordinator:	Dr. Ratna Wardani, S.Si, M.T.
Lecturer(s):	Dr. Ratna Wardani, S.Si, M.T.
Language:	Bahasa Indonesia
Classification within the curriculum:	Concentration Courses
Teaching format / class Hours per week during the semester:	100 minutes lectures and 120 minutes structured activities per week.
Workload:	Total workload is 90,67 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes self-study per week for 16 weeks
Creditpoints:	2
Prerequisites course(s):	-
Course outcomes:	After taking this course the students have ability to: CO1. Integrate the knowledge and competences to manage an Industrial Software Project and also a Research and development one. CO2. Capable to define the key items and elements of Software Project management. CO3. Capable to identify the main process groups in Software Project Management

	<p>CO4. Understand and analyze the basic tools to manage the time, cost, risk and quality in Software Project Management</p> <p>CO5. Capable to check, control, and audit industrial Software Project Management</p> <p>CO6. Excellent to present and defend both orally and in written the scheduling and execution of a Software Project Management</p>																																				
Content:	<p>This course provides concepts and applications of Project Management Software which include: Basic concepts, Life Cycle of a Project, Project Planning, Project Analysis (Estimation of Time; Costs and Resources; Scheduling Project Work; Critical Path Method (CPM); Assignment Resources to Tasks), Project Execution, Project Monitoring and Control, Project Documentation.</p>																																				
Study/exam achievements:	<p>An attitude assessment can be based on the student's attendance and commitment) in doing the assignment or tasks. Assessment for the level of understanding of the course material with the provision of certain assignments (work task and practical application /case study) that are presented and discussed. A knowledge assessment can be based on observation of completing work tasks or process and engagement in a team activity (discussion, presentation, group work). Skill assessment can be based on the completion of a case study.</p> <p>The final mark will be weight as follow:</p> <table border="1" data-bbox="613 1203 1406 1745"> <thead> <tr> <th>No</th> <th>CO</th> <th>Assessment Object</th> <th>Assessment Technique</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CO1</td> <td>Application</td> <td>Project Based Assignment</td> <td>30%</td> </tr> <tr> <td>2</td> <td>CO2</td> <td>Understanding of concepts</td> <td rowspan="4">Work Group Task</td> <td>10%</td> </tr> <tr> <td>3</td> <td>CO3</td> <td>Teamwork Collaboration Skill</td> <td>10%</td> </tr> <tr> <td>4</td> <td>CO4</td> <td rowspan="2">Understanding of concepts</td> <td>10%</td> </tr> <tr> <td>5</td> <td>CO5</td> <td>10%</td> </tr> <tr> <td>6</td> <td>CO6</td> <td>Presentation and Discussion</td> <td>Presentation and Discussion</td> <td>30%</td> </tr> <tr> <td colspan="4" style="text-align: right;">Total</td> <td>100%</td> </tr> </tbody> </table>	No	CO	Assessment Object	Assessment Technique	Weight	1	CO1	Application	Project Based Assignment	30%	2	CO2	Understanding of concepts	Work Group Task	10%	3	CO3	Teamwork Collaboration Skill	10%	4	CO4	Understanding of concepts	10%	5	CO5	10%	6	CO6	Presentation and Discussion	Presentation and Discussion	30%	Total				100%
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Forms of media:	Computer/Laptop, Software Presentation, LCD Projector																																				

