



**Universitas Negeri Surabaya
Vocational Faculty,
D4 Civil Engineering Study Program**

**Document
Code**

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight	SEMESTER	Compilation Date																																											
Construction Project Management	2230502014		T=2 P=0 ECTS=3.18	3	July 17, 2024																																											
AUTHORIZATION		SP Developer	Course Cluster Coordinator	Study Program Coordinator																																												
		Puguh Novi Prasetyono, S.Pd.,M.T/ Drs. Hasan Dani, M.T	Drs. Hasan Dani, M.T.	Puguh Novi Prasetyono, S.Pd., M.T.																																												
Learning model	Project Based Learning																																															
Program Learning Outcomes (PLO)	PLO study program that is charged to the course																																															
	PLO-12	Able to identify, formulate, analyze and solve building civil engineering problems.																																														
	Program Objectives (PO)																																															
	PLO-PO Matrix																																															
		<table border="1" style="margin: auto;"> <tr> <td style="width: 50px;">P.O</td> <td style="width: 50px;">PLO-12</td> </tr> </table>				P.O	PLO-12																																									
P.O	PLO-12																																															
PO Matrix at the end of each learning stage (Sub-PO)																																																
	<table border="1" style="margin: auto;"> <tr> <td rowspan="2" style="width: 30px;">P.O</td> <td colspan="16" style="text-align: center;">Week</td> </tr> <tr> <td style="width: 20px;">1</td> <td style="width: 20px;">2</td> <td style="width: 20px;">3</td> <td style="width: 20px;">4</td> <td style="width: 20px;">5</td> <td style="width: 20px;">6</td> <td style="width: 20px;">7</td> <td style="width: 20px;">8</td> <td style="width: 20px;">9</td> <td style="width: 20px;">10</td> <td style="width: 20px;">11</td> <td style="width: 20px;">12</td> <td style="width: 20px;">13</td> <td style="width: 20px;">14</td> <td style="width: 20px;">15</td> <td style="width: 20px;">16</td> </tr> </table>															P.O	Week																1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
P.O	Week																																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16																																
Short Course Description	This course contains an overview of projects, basic principles of management, project organization, construction project participant teams, feasibility studies, project documents, tender processes, construction project contracts. Learning is carried out using direct and cooperative teaching methods.																																															
References	Main :																																															
	<ol style="list-style-type: none"> 1. Dani Hasan, Suryanto HS Mas. 2006. Manajemen Proyek I . Surabaya: Unipres Unesa. 2. Nugraha Paulus, Natan Ishak, Sutjipto R. 1985. Manajemen Proyek Konstruksi 1 . Surabaya: Kartika Yudha. 3. Soeharto Iman. 2001. Manajemen Proyek dari Konseptual Sampai Operasional Jilid 1 . Jakarta: Erlangga. 4. Widiasanti Irika, Lenggogeni. 2013. Manajemen Konstruksi . Bandung: Remaja Rosdakarya. 5. Husen Abrar. 2011. Manajemen Proyek . Yogyakarta: Andi. 6. Journal of Construction Engineering and Management (ASCE) 																																															
	Supporters:																																															
	1. Journal of Construction Engineering and Management (ASCE)																																															
Supporting lecturer	Drs. Hasan Dani, M.T. Puguh Novi Prasetyono, S.Pd., M.T.																																															
Week-	Final abilities of each learning stage (Sub-PO)	Evaluation		Help Learning, Learning methods, Student Assignments, [Estimated time]		Learning materials [References]	Assessment Weight (%)																																									
		Indicator	Criteria & Form	Offline (offline)	Online (online)																																											
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)																																									

1	Understand the meaning and development cycle of a project	Can mention and explain the meaning and development cycle of a project	Criteria: understand the material well	Lectures, discussions and questions and answers 2 X 50	Lectures, discussions and questions and answers 2 X 50	Material: understanding and project development cycle References: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i> <hr/> Material: definition and project development cycle Reader: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i>	0%
2	Understand the application of management in project management	Can explain project resources and the application of management functions (processes) in project management	Criteria: understand the material well Form of Assessment : Participatory Activities	Lectures, discussions and questions and answers 2 X 50	Lectures, discussions and questions and answers 2 X 50	Material: application of management in project management References: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i> <hr/> Material: application of management in project management Reader: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i>	0%

3	Understand the application of management in project management in the field	Can present case studies on the application of management in project management in the field	<p>Criteria: According to the group presentation rubric</p> <p>Form of Assessment : Participatory Activities</p>	Presentation and group discussion 2 X 50	Presentation and group discussion 2 X 50	<p>Material: application of management in project management in the field</p> <p>Reference: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p> <hr/> <p>Material: application of management in project management in the field</p> <p>Reference: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p>	5%
4	Understand the various organizational structures of construction projects	Can describe various kinds of project organizational structures	<p>Criteria: Full marks are obtained if you do all the questions correctly</p>	Lectures, discussions and questions and answers 2 X 50	Lectures, discussions and questions and answers 2 X 50	<p>Material: various organizational structures for construction projects.</p> <p>Reference: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: various organizational structures for construction projects.</p> <p>Reference: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p>	5%

5	understand the application. Understand the various organizational structures of construction projects in the field	Can present case studies on the application of various construction project organizational structures in the field	<p>Criteria: According to the group presentation rubric</p> <p>Form of Assessment : Participatory Activities</p>	Presentation and group discussion 2 X 50	Presentation and group discussion 2 X 50	<p>Material: Understanding the various organizational structures of construction projects in the field. Reference: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: Understanding the various organizational structures of construction projects in the field. Reference: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p>	5%
6	Understand the duties and responsibilities of teams and personnel involved in construction project organizations	Can explain the duties and responsibilities of teams and personnel involved in construction project organizations	<p>Criteria: Full marks are obtained if you do all the questions correctly</p> <p>Form of Assessment : Participatory Activities</p>	Lectures, discussions and questions and answers 2 X 50	Lectures, discussions and questions and answers 2 X 50	<p>Material: duties and responsibilities of teams and personnel involved in the organization of construction projects Reader: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: duties and responsibilities of teams and personnel involved in construction project organizations Reference: <i>Nugraha Paulus, Natan Ishak, Sutjipto R. 1985. Construction Project Management 1. Surabaya: Kartika Yudha.</i></p>	5%

7	Understand the implementation of the duties and responsibilities of teams and personnel involved in the organization of construction projects in the field	<p>1.Can explain the duties and responsibilities of teams and personnel involved in construction project organizations</p> <p>2.Can present case studies of the application of the duties and responsibilities of teams and personnel involved in construction project organizations in the field</p>	<p>Criteria: According to the group presentation rubric</p> <p>Form of Assessment : Participatory Activities</p>	Presentation and group discussion 2 X 50	Presentation and group discussion 2 X 50	<p>Material: implementation of duties and responsibilities of teams and personnel involved in the organization of construction projects in the field.</p> <p>Reference: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: implementation of duties and responsibilities of teams and personnel involved in the organization of construction projects in the field</p> <p>Reader: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p>	5%
8	-USS Exam	-	<p>Criteria: -100 marks if answered correctly</p>	-Write test USS 2 X 50 exam	-Write test USS 2 X 50 exam	<p>Material: project management</p> <p>References: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: project management</p> <p>Reader: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p>	0%

9	Understand the basic principles and aspects of project feasibility studies	Can explain the basic principles and aspects of project feasibility studies	<p>Criteria: Full marks are obtained if you do all the questions correctly</p> <p>Form of Assessment : Participatory Activities</p>	Lectures, discussions and questions and answers 2 X 50	Lectures, discussions and questions and answers 2 X 50	<p>Material: basic principles and aspects in project feasibility studies References: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: basic principles and aspects in project feasibility studies Reader: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p>	5%
10	Understand project feasibility study reports	Can present project feasibility study reports	<p>Criteria: According to the group presentation rubric</p> <p>Form of Assessment : Participatory Activities</p>	Presentations and group discussions Lectures, discussions and questions and answers 2 X 50	Presentations and group discussions Lectures, discussions and questions and answers 2 X 50	<p>Material: project feasibility study report References: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: project feasibility study report Reference: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p>	5%
11	Understand project documents	Can mention and explain project documents	<p>Criteria: Full marks are obtained if you do all the questions correctly</p> <p>Form of Assessment : Participatory Activities</p>	Lectures, discussions and questions and answers 2 X 50	Lectures, discussions and questions and answers	<p>Material: project documents Bibliography: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: project documents Reader: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p>	5%

12	Understand project documents in practice in the field	Can present project documents obtained from survey results in the field	<p>Criteria: According to the group presentation rubric</p> <p>Form of Assessment : Participatory Activities</p>	Presentation and group discussion 2 X 50	Presentation and group discussion 2 X 50	<p>Material: project documents in practice in the field</p> <p>Reference: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: project documents in practice in the field</p> <p>Reader: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p>	5%
13	Understand the various types of project contracts	Can explain various types of project contracts	<p>Criteria: Full marks are obtained if you do all the questions correctly</p> <p>Form of Assessment : Participatory Activities</p>	Lectures, discussions and questions and answers 2 X 50	Lectures, discussions and questions and answers 2 X 50	<p>Material: types of project contracts</p> <p>References: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: types of project contracts</p> <p>Reference: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p>	5%
14	Understand the application of various types of project contracts in the field	Can present the application of various types of project contracts in the field	<p>Criteria: According to the group presentation rubric</p> <p>Form of Assessment : Participatory Activities</p>	Presentation and group discussion 2 X 50	Presentation and group discussion 2 X 50	<p>Material: implementation of various types of project contracts in the field</p> <p>Reference: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: implementation of various types of project contracts in the field</p> <p>Reader: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p>	5%

15	Understand the auction/tender process for construction projects	Can explain the auction/tender process for construction projects	<p>Criteria: Full marks are obtained if you do all the questions correctly</p> <p>Form of Assessment : Participatory Activities</p>	Lectures, discussions and questions and answers 2 X 50	Lectures, discussions and questions and answers 2 X 50	<p>Material: auction/tender process for construction projects References: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: auction/tender process for construction projects Reader: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p>	5%
16	Summative Exam	good marks if answered well and correctly	<p>Criteria: According to the simulation rubric</p>	Written Test Summative exam 2 X 50	Written Test Summative exam 2 X 50	<p>Material: project management References: <i>Dani Hasan, Suryanto HS Mas. 2006. Project Management I. Surabaya: Unipres Unesa.</i></p> <hr/> <p>Material: project management Reader: <i>Soeharto Iman. 2001. Project Management from Conceptual to Operational Volume 1. Jakarta: Erlangga.</i></p>	20%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Participatory Activities	55%
		55%

Notes

- Learning Outcomes of Study Program Graduates (PLO - Study Program)** are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their study program obtained through the learning process.
- The PLO imposed on courses** are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
- Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning course.
- Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
- Indicators for assessing** ability in the process and student learning outcomes are specific and measurable statements that identify the ability or performance of student learning outcomes accompanied by evidence.
- Assessment Criteria** are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
- Forms of assessment:** test and non-test.
- Forms of learning:** Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.

9. **Learning Methods:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other equivalent methods.
10. **Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
11. **The assessment weight** is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
12. TM=Face to face, PT=Structured assignments, BM=Independent study.