

		Universitas Negeri Surabaya Faculty of Engineering Civil Engineering Undergraduate Study Program					Document Code																																			
SEMESTER LEARNING PLAN																																										
Courses		CODE	Course Family		Credit Weight		SEMESTER	Compilation Date																																		
MPK - Construction Equipment & Project Control		2220104187	Compulsory Study Program Subjects		T=0	P=0	ECTS=0	6 July 18, 2024																																		
AUTHORIZATION		SP Developer			Course Cluster Coordinator		Study Program Coordinator																																			
			Yogie Risdianto, S.T., M.T.																																			
Learning model	Project Based Learning																																									
Program Learning Outcomes (PLO)	PLO study program that is charged to the course																																									
	Program Objectives (PO)																																									
	PLO-PO Matrix																																									
		<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 100px; height: 30px;"></td> <td colspan="16" style="text-align: center;">P.O</td> </tr> </table>									P.O																															
		P.O																																								
	PO Matrix at the end of each learning stage (Sub-PO)																																									
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td rowspan="2" style="width: 30px; height: 30px;"></td> <td colspan="16" style="text-align: center;">Week</td> </tr> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>									Week																																
	Week																																									
Short Course Description	This Job Training Internship provides students with experience by carrying out identification and analysis activities on the use of construction equipment, as well as carrying out planning, implementation and evaluation activities on project control at the internship site.																																									
References	Main :																																									
	1. Tim FT Unesa. 2014. Buku Panduan Praktik Industri/Praktik Kerja Lapangan (PKL) Fakultas Teknik Unesa. Surabaya: Universitas Negeri Surabaya. Tim FE Unesa. 2018. Buku Panduan Praktik Kerja Lapangan (PKL) Fakultas Ekonomi Unesa. Surabaya: Universitas Negeri Surabaya. Tim Unesa. 2020. Pedoman dan Implementasi Kurikulum Merdeka Belajar Kampus Merdeka (MBKM). Surabaya: Universitas Negeri Surabaya.																																									
	Supporters:																																									
Supporting lecturer	Ir. Nurhayati Aritonang, M.T. Dr. Ir. Bambang Sabariman, S.T., M.T. Krisna Dwi Handayani, S.T., M.MT., M.T. Ir. Mas Suryanto H.S., S.T., M.T. Mochamad Firmansyah Sofianto, S.T., M.Sc., M.T. Danayanti Azmi Dewi Nusantara, S.T., 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	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
2	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
3	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
4	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
5	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
6	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
7	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
8	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
9	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
10	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%

11	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
12	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
13	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
14	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
15	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			6%
16	Able to apply lecture knowledge at an internship	Activities at the internship site are carried out smoothly and according to the implementation time	Form of Assessment : Project Results Assessment / Product Assessment	interview, observation, and independent 4 X 50			10%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Project Results Assessment / Product Assessment	100%
		100%

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 materials for that 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.
- 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.