	Universitas Negeri Surabaya Vocational Faculty, D4 Civil Engineering Study Program	Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date
SUPERVISION & SPECIFICATION MANAGEMENT	2230502043		T=2	P=0	ECTS=3.18	5	July 17, 2024

AUTHORIZATION	SP Developer	Course Cluster Coordinator	Study Program Coordinator
	.....	.....	Puguh Novi Prasetyono, S.Pd., M.T.

Learning model	**Case Studies**
Program Learning Outcomes (PLO)	**PLO study program that is charged to the course**
	Program Objectives (PO)
	PLO-PO Matrix

	P.O

PO Matrix at the end of each learning stage (Sub-PO)

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 basic concepts of supervision management and specifications, organization and administration of supervision management, financing of supervision management, construction management activities and supervisory consultants in controlling the implementation of a construction project, as well as reports on supervision activities. At the end, this course will provide an overview of making technical specifications for work in civil engineering science in the work of designing construction. Learning is carried out using direct teaching methods with a constructivist approach.
References	**Main :**

1. Kementerian Pekerjaan Umum. 2018. Peraturan Menteri Pekerjaan Umum Republik Indonesia Nomor: 22/PRT/M/2018 tentang Pedoman Teknis Pembangunan Bangunan Gedung Negara . Jakarta: Kementerian Pekerjaan Umum.
2. Ikatan Nasional Konsultan Indonesia. 2020. Pedoman Standar Minimal 2020 Biaya Langsung Personil dan Biaya Langsung Non Personil untuk Kegiatan Jasa Konsultansi . Jakarta: Inkindo.
3. Rencana kerja dan Syarat (RKS) pekerjaan konstruksi gedung

	Supporters:
Supporting lecturer	Drs. Hasan Dani, M.T. Puguh Novi Prasetyono, S.Pd., M.T. Siti Talitha Rachma, S.T., M.Sc.

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 basic concepts of supervision management and specifications	Can state the meaning, scope of supervision management and specifications		Lectures, discussions and questions and answers 2 X 50			0%
2	Understand the organizational structure and management of supervision	Can mention and explain the organizational structure and management of supervision		Lectures, discussions and questions and answers 2 X 50			0%
3	Understanding supervisory management financing	Can mention the various costs incurred for activities		Lectures, discussions and questions and answers 2 X 50			0%
4	Understand Construction Management Activities and Supervisory Consultant Activities	Can mention Construction Management Activities and Supervisory Consultant Activities		Lectures, discussions and questions and answers 2 X 50			0%
5	Understand Construction Management Activities and Supervisory Consultant Activities	Can mention Construction Management Activities and Supervisory Consultant Activities		Lectures, discussions and questions and answers 2 X 50			0%
6	Understand project implementation controls and create supervision activity reports	Can explain how to control project implementation and make reports on supervision activities		Lectures, discussions and questions and answers 2 X 50			0%
7	Understand project implementation controls and create supervision activity reports	Can explain how to control project implementation and make reports on supervision activities		Lectures, discussions and questions and answers 2 X 50			0%
8	UTS			2 X 50			0%
9	Understand how to create technical specifications for preparatory and foundation work	Can create technical specifications for preparatory and foundation work		Lectures, discussions and questions and answers 2 X 50			0%
10	Understand how to create technical specifications for formwork, steel and concrete work	Can create technical specifications for formwork, steel and concrete work		Lectures, discussions and questions and answers 2 X 50			0%
11	Understand how to create technical specifications for wall work	Can create technical specifications for wall work		Lectures, discussions and questions and answers 2 X 50			0%
12	Understand how to create technical specifications for frame, door and window work	Can create technical specifications for frame, door and window work		Lectures and questions and answers 2 X 50			0%

13	Understand how to create technical specifications for floor and ceiling work	Can create technical specifications for floor and ceiling work		Lectures, discussions and questions and answers 2 X 50			0%
14	Understand how to create technical specifications for frame and roof covering work and painting	Can create technical specifications for frame and roof covering work as well as painting		Lectures, discussions and questions and answers 2 X 50			0%
15	Understand how to create technical specifications for MEP work	Can create technical specifications for MEP work and road work		Lectures, discussions and questions and answers 2 X 50			0%
16	UAS			2 X 50			0%

Evaluation Percentage Recap: Case Study

No	Evaluation	Percentage
		0%

Notes

1. **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.
2. **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.
3. **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.
4. **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.
5. **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.
6. **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.
7. **Forms of assessment:** test and non-test.
8. **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.