	Universitas Negeri Surabaya Faculty of Engineering, Mechanical Engineering Education Undergraduate Study Program						**Document Code**
	SEMESTER LEARNING PLAN						

Courses		CODE		Course Family		Credit Weight				SEMESTER	Compilation Date
BODY PAINTING AND REPAIR TECHNOLOGY		8320302239				**T=2**	**P=0**	**ECTS=3.18**		3	July 17, 2024

AUTHORIZATION		**SP Developer**	**Course Cluster Coordinator**	**Study Program Coordinator**
		....	....	Ir. Wahyu Dwi Kurniawan, S.Pd., M.Pd.

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	Understanding of paint and its types, putty, painting equipment, painting problems and how to overcome them, factors that influence the results of body repair painting, painting techniques.

References	**Main :**	
	1. Moch. Yadi. 1996.Teknologi Pengecatan. Surabaya: Unesa.	
	Supporters:	

Supporting lecturer	Saiful Anwar, S.Pd., M.T. Bima Anggana Widhiarta Putra, S.Pd., M.Pd.

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 Painting Technology. Know the various types of painting technology	1.1. Explain the basic knowledge and concepts of Painting Technology 1.2. Develop character behavior, including: honesty, discipline, and responsibility. 1.3. Develop social skills, including: asking questions, arguing and respecting each other.	**Criteria:** Attendance Percentage Timeliness of Innovation Work	Model: Problem Based Learning / Problem Based Learning Method: Lecture, simulation, discussion, problem solving, question and answer Learning Strategy: Field Observation, and Scientific 5M (observing, asking, collecting information, associating, communicating) 2 X 50			0%
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16							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.