



Universitas Negeri Surabaya
Faculty of Postgraduate School,
Master of Technology and Vocational Education Study Program

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight	SEMESTER	Compilation Date																																
Research methodology	8310103017		T=3 P=0 ECTS=6.72	1	October 19, 2023																																
AUTHORIZATION	SP Developer		Course Cluster Coordinator		Study Program Coordinator																																
	Prof. Dr. Tri Wrahatnolo, M.Pd., MT.			Dr. Ir. Achmad Imam Agung, M.Pd.																																
Learning model	Project Based Learning																																				
Program Learning Outcomes (PLO)	PLO study program which is charged to the course																																				
	PLO-6	Work together and have social sensitivity and concern for society and the environment																																			
	PLO-7	Have extensive knowledge in the fields of general knowledge, social and humanities																																			
	Program Objectives (PO)																																				
	PLO-PO Matrix																																				
		<table border="1" style="margin: auto;"> <tr> <td style="width: 20%;">P.O</td> <td style="width: 20%;">PLO-6</td> <td style="width: 20%;">PLO-7</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>				P.O	PLO-6	PLO-7																													
	P.O	PLO-6	PLO-7																																		
PO Matrix at the end of each learning stage (Sub-PO)																																					
	<table border="1" style="margin: auto;"> <tr> <td rowspan="2" style="width: 5%;">P.O</td> <td colspan="16" style="text-align: center;">Week</td> </tr> <tr> <td style="width: 5%;">1</td> <td style="width: 5%;">2</td> <td style="width: 5%;">3</td> <td style="width: 5%;">4</td> <td style="width: 5%;">5</td> <td style="width: 5%;">6</td> <td style="width: 5%;">7</td> <td style="width: 5%;">8</td> <td style="width: 5%;">9</td> <td style="width: 5%;">10</td> <td style="width: 5%;">11</td> <td style="width: 5%;">12</td> <td style="width: 5%;">13</td> <td style="width: 5%;">14</td> <td style="width: 5%;">15</td> <td style="width: 5%;">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																																					
References	Main :																																				
	Supporters:																																				
Supporting lecturer	Prof.Dr. Tri Wrahatnolo, M.Pd., M.T. Dr. Maspiyah, M.Kes. Dr. Ratna Suhartini, M.Si.																																				
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	Able to conduct research in accordance with the general steps for conducting research	<p>1.o Formulate the problem and research objectives</p> <p>2.o Review theories, frameworks, and hypotheses</p> <p>3.o Identify variables & formulate DOV</p> <p>4.o Determine the instruments used, and</p> <p>5. Try to conduct research using existing research steps</p>	<p>Criteria: The correct answer gets a score of 100</p>	Lectures, discussions and questions and answers 6 X 50			0%
2							0%
3	Able to generalize research results	Students are able to recognize the population and various types of sampling techniques used. Students are able to determine the data analysis techniques used. Students are able to recognize and try to carry out various types of research. Students are able to recognize and try to carry out various types of research.	<p>Criteria: That's right, everyone gets 100</p>	lectures, discussions, questions and answers and assignments 3 X 50			0%
4	Students are able to carry out experimental research	able to make research pre-proposals in the field of PTK	<p>Criteria: If all meet the requirements, they will get a score of 100</p>	Lectures, discussions and questions and answers 6 X 50			0%
5	Students are able to carry out experimental research	able to make research pre-proposals in the field of PTK	<p>Criteria: If all meet the requirements, they will get a score of 100</p>	Lectures, discussions and questions and answers 6 X 50			0%
6	Able to carry out ex post facto research	Make a pre-proposal for ex post facto research in the PTK field	<p>Criteria: The pre-proposal meets all criteria and gets a score of 100</p>	Lectures, discussions and questions and answers 3 X 50			0%
7							0%
8							0%
9							0%
10							0%

11							0%
12							0%
13							0%
14							0%
15							0%
16							0%

Evaluation Percentage Recap: Project Based Learning

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.**