	Universitas Negeri Surabaya **Faculty of Engineering** **, Electrical Engineering Education Undergraduate Study Program**	**Document Code**

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date
Instructional Media	8320102234		T=2	P=0	ECTS=3.18	2	July 17, 2024

AUTHORIZATION	SP Developer	Course Cluster Coordinator	Study Program Coordinator
	.....	.....	Dr. Nur Kholis, S.T., M.T.

Learning model	**Project Based Learning**

Program Learning Outcomes (PLO)

PLO study program that is charged to the course

PLO-6	Able to plan, implement, and evaluate effective and efficient innovative learning programs in electrical engineering vocational education that are relevant to global industrial developments (Education).

Program Objectives (PO)

PLO-PO Matrix

P.O	PLO-6

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 explains learning using learning media, communication in learning, learning media concepts, learning media organization systems, designing and developing learning media in teaching and learning activities in the classroom and determining effective learning media in teachers' teaching activities in the classroom. Developing media ranging from traditional ones in the form of transparency and educational posters, computer-based multimedia in the form of Autoplay Media Studio and web-based in the form of e-learning. Evaluating the results of media development so that they are effective in accordance with learning objectives and needs in schools.
References	**Main :**

1. [1]. Arif, Sadiman. 2002. MediaPendidikan Pengertian, Pengembangan dan Pemanfaatannya. Jakarta: CV.Rajawali.[2]. Azhar Arsyad. 2014. MediaPembelajaran. Jakarta: Rajagrafindo Persada.[3]. HendiHendratman & Robby. 2011. The magic of Autoplay Media Studio. Bandung: Informatika[4]. Surjono, H.2010. Membangun Course E-LearningBerbasis Moodle. Yogyakarta: UNY Press [5]. Jonathan, M & Michael, C. 2010. Moodle 1.9 Extention Development. Birmingham: Packt Publishing

Supporters:	
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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 learning media	1. Explain the meaning of learning media 2. Explain the role of learning media 3. Explain the function of learning media	**Criteria:** Full marks are obtained if you do all the questions correctly	Model: Cooperative Learning: Method: Discussion & Assignments: Approach: Scientific 2 X 50			0%
2	Understand the nature of learning media and the benefits of learning media	1. Explain the position of media. 2. Explain the benefits of learning media	**Criteria:** Full marks are obtained if you do all the questions correctly	Learning Model: Cooperative Learning Learning Method: Discussion & assignments Approach: Scientific 3 X 50			0%
3	Understand the types and characteristics of learning media	1. Describe the types of learning media 2. Explain the characteristics of learning media 3. Explain the use of types of media	**Criteria:** Full marks are obtained if you do all the questions correctly	Learning Model: Cooperative Learning Learning Method: Discussion & assignments Approach: Scientific 3 X 50			0%
4	Understand the criteria for selecting learning media	1. Explain the basic considerations for media selection. 2. Identify media selection criteria. 3. Skilled in selecting media	**Criteria:** Full marks are obtained if you do all the questions correctly	Learning Model: Cooperative Learning Learning Method: Discussion & assignments Approach: Scientific 3 X 50			0%
5	Understanding the development of learning media	1. Define the development of media selection 2. Identify procedures for developing learning media 3. Skilled in developing learning media	**Criteria:** Full marks are obtained if you do all the questions correctly	Learning Model: Cooperative Learning Learning Method: Discussion & assignments Approach: Scientific 1 X 1			0%
6	Learning Resources as a Component of Learning Media	1. Describe the meaning of learning resources 2. Identify various types of learning resources 3. Skilled in grouping learning resources	**Criteria:** Full marks are obtained if you do all the questions correctly	Learning Model: Cooperative Learning Learning Method: Discussion & assignments Approach: Scientific 3 X 50			0%
7	Understand and be skilled in using the library as a learning resource center	1. Describe the library 2. Identify the characteristics of the library 3. Skilled in using the library in learning	**Criteria:** Full marks are obtained if you do all the questions correctly	Learning Model: Cooperative LearningLearning Method: Peer teaching DiscussionApproach: Scientific 3 X 50			0%
8	MIDDLE SEMESTER EXAMINATION (UTS)			2 X 50			0%
9	Understand and be skilled in using the environment as a learning medium	1. Describe the environment 2. Identify various types of environments 3. Skilled in using the environment as a learning medium	**Criteria:** Full marks are obtained if you do all the questions correctly	Learning Model: Cooperative LearningLearning Method: Peer teaching DiscussionApproach: Scientific 3 X 50			0%

10	Skilled in creating simple learning media (images, graphic displays, posters, charts, etc.)	1. Describe simple learning media 2. Identify various types of simple learning media 3. Skilled in making simple learning media	**Criteria:** Full marks are obtained if you do all the questions correctly	Learning Model: Project Based LearningLearning Method: Experimental discussion TaskApproach: Scientific 3 X 50			0%
11	Skilled in Creating Presentation Media	1. Describe presentation media 2. Identify characteristics of presentation media 3. Skilled in making presentation media	**Criteria:** Full marks are obtained if you do all the questions correctly	Learning Model: Project Based Learning Learning Method: Experimental discussion Assignment Approach: Scientific 6 X 50			0%
12							0%
13	Skilled in Creating Computer Based Media	1. Describe computer-based media 2. Identify various types of computer-based media 3. Skilled in creating computer-based media	**Criteria:** Full marks are obtained if you do all the questions correctly	Learning Model: Project Based Learning Learning Method: Experimental discussion Assignment Approach: Scientific 6 X 50			0%
14							0%
15	Understand and be skilled in using media in teaching and learning activities	1. Skilled in using media in teaching and learning activities	**Criteria:** Full marks are obtained if you do all the questions correctly	Learning Model: Cooperative LearningLearning Method: Peer Teaching ResitasApproach: Scientific 6 X 50			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** abilities in the process and student learning outcomes are specific and measurable statements that identify the abilities 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.