

Universitas Negeri Surabaya Vocational Faculty, D4 Electrical Engineering Study Program

Document Code

			SEI	MESTE	R LE	AR	RNII	ΝG	PLAN					
Courses			CODE		Course Family		Cred	lit We	ight	SEMESTER	Compilation Date			
	em Basics a I Applicatio		203050	02339			T=2	P=0	ECTS=3.18	2	July 19, 2024			
AUTHOR	IZATION		SP De	veloper			ırse C ordina		r	Study Progra Coordinator	am			
											Widyartono, , M.T.			
Learning model	Case S	Studies	5											
Program Learning		tudy p	orogran	n that is chai	ged to	the c	ourse)						
Outcome (PLO)		Program Objectives (PO)												
(PLO)	PLO-F	PO Mat	trix											
			Р	2.0										
	PO Ma	atrix at	t the en	d of each lea	arning s	tage	(Sub	-PO)						
	This			1 2 3 4		6 7		Wee	10 11 1		15 16			
Short Course Descript	Analyti	cs Con	nmunica	es History, 11 tion Protocols y, Standardiza	, Interne	t of T	hings .	Applic	cation, Securi	ioi Data Mar ty, Identity Mai	nagement and nagement and			
Reference	ces Main:													
	Suppo	Para 2. G Publ 3. S	adigms 5.C. Hil lishing 5. Cira	. Cambridge lar. (2017).	e: Morg MQT1 rari, M	an K Ess . Pid	Caufm sentia cone,	nann als - L.	A Lightwei	ght loT Pro	nciples and tocol. Pack of Things:			
Supporti lecturer	ing Widi A	ribowo,	S.T., M	.т.										
Week-	Final abilities of each learning stage (Sub-PO)		Ev dicator	/aluation Criteria & Fo		Stu	dent A	g me Assignated	thods, nments,	Learning materials [References	Assessment Weight (%)			
(1)	(2)		(3)	(4)		, (5)			(6)	(7)	(8)			

1				0%
2				0%
3			- 1	0%
4				0%
5				0%
6				0%
7				0%
8				0%
9				0%
10				0%
11				0%
12				0%
13				0%
14				0%
15				0%
16				0%
			•	

Evaluation Percentage Recap: Case Study

No	Evaluation	Percentage
		0%

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.
- 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.
- 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.
- 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%.

 ${\bf 12.\ TM\text{--}Face\ to\ face,\ PT\text{--}Structured\ assignments,\ BM\text{--}Independent\ study.}$