

Universitas Negeri Surabaya Faculty of Mathematics and Natural Sciences Doctoral Study Program in Mathematics Education

Document Code

SEMESTER LEARNING PLAN

Courses																					
		COD	E					Cour Fami			Crea	lit We	ight			SEN	IES	STER			ilation
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AUTHORIZATIC	N	SP D	evel	lop	er						rse C rdina	cluste ator	r			Stuc Coo	ly I rdi	Prog nato	r am r		
Learning C model	Case Studies																-			,	-
	PLO study p	orogra	m tl	ha	tis	cha	rg	ed t	o th	ie co	ours	е									
Learning Outcomes F	Program Ob	jectiv	es (ΡΟ))																
(PLO) F	PLO-PO Mat	rix														Date 2 July 18, Study Program Coordinator Prof. Dr. Tatag Yuli I Siswono, S.Pd., M.R					
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F	PO Matrix at the end of each learning stage (Sub-PO)																				
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		P.O								Week											
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Course Description L s	ogic, inferenti encountered in earning outco echnology in _ectures begi students, as y	al and n the e mes u washi in with vell as	deci envir sing ng n ng n ng n	ron fu na ser	on m men zzy a chine xplai ntatic	akir t su asse es, a natio	ng l ch ess air on usi	base as c men con of c	d or leter t me ditio conc	n a f rmin ethoo ning cepts with	uzzy ing fu is an , tele and an as	mode izzy c d appl comm princ ssessr	l sys luste licatio unic ciples ment	tem w ring o ons in ations s, ass syste	hich f a c eng , sig ignn m in	can comm ineer nal p nents cludi	be ing pro a ng	appl ity gr field cessi nd d assid	ied to oup, s suo ng, a iscus anme	o pro eva ch as and ssior	oblems luating s fuzzy others. ns with
References M	Main :																				
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Support lecturer	ing	Prof. Dr. F	Raden Sulaiı	man, M.Si.					
Week-	Final abilities of each learning stage (Sub-PO)		Ev	valuation	Le Stu	Help Learning, earning methods, dent Assignments, Estimated time]	Learning materials	Assessment Weight (%)	
WEEK-			Indicator	Criteria & Form	Offline (offline)	Online (<i>online</i>)	References]		
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1								0%	
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Evaluation Percentage Recap: Case Study

No Evaluation Percentage

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.
- 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.