

## Universitas Negeri Surabaya Faculty of Mathematics and Natural Sciences

Document Code

UNES		Undergraduate Chemistry Education Study Program														
				SEN	ИES	STER	LE	ARN	IINC	S PI	LAN	I				
Courses			CC	CODE Course Family		′	Credit Weight		SEM	MESTER	Compilation Date					
Development of Learning Tools II			ls II 84	2040222	28					T=2 P=0		ECT	S=3.18		7	July 18, 2024
AUTHORIZATION			SF	SP Developer					Course Cluster Coordinator			Study Program Coordinator				
												Prof. Dr. Utiya Azizah, M.Pd.				
Learning model	l	Case Studies														
Program		PLO study pro	gram th	at is cha	arged	to the c	ourse									
Learning Outcome		Program Object	ctives (P	O)												
(PLO)		PLO-PO Matrix	(													
			P.O													
		PO Matrix at the end of each learning stage (Sub-PO)														
			P.O	P.O					Week							
				1	2	3 4	5	6 7	8	9	10	11	12	13	14	15 16
Short Course Descript	tion	Studying and fac out based on the														s been carried
Reference	ces	Main :														
<ol> <li>Nurkolis. 2003. Manajemen Berbasis Sekolah: Teori, Model, dan Aplikasi. Jakarta: Grasindo.</li> <li>Mulyasa, E. 2004. Manajemen Berbasis Sekolah: Konsep, Strategi, dan Implementasi.Bandung Rosdakarya.</li> <li>Makawimbang, J.E. 2013. Supervisi Klinis Teori Dan Pengukurannya (Analisis di bidang Pendidikan). Bath UPT-P4 Unesa. 2012. Pedoman Pengalaman Lapangan. Surabaya: University Press.</li> <li>Arends, R.I. 2012. Learning to Teach. New York: McGraw-Hill International Edition.</li> <li>Slavin, R.E. 2011. Psikologi Pendidikan (Teori dan Praktik) (Terjemahan). Jakarta: PT Indeks.</li> <li>Baroncelli, Stefania., Farneti, Roberto., Horga, Ioan., Vanhoonacker, Sophie (eds). 2014. Teaching at European Union: Traditional and Innovative Method.Dordrecht: Springer.</li> </ol>								kan). Ban	dung: Alfabeta							
		Supporters:										_				
Supporti lecturer		ISMONO Dr. Sukarmin, M. Dr. Muchlis, S.Po Dian Novita, S.T.	d., M.Pd.													
Week- ead sta		nal abilities of ach learning age		Evaluation			Help Learning, Learning methods, Student Assignments, [ Estimated time]			Learning materials [ References	Assessment Weight (%)					
		b-PO)	Indic	ator	Cri	teria & F	orm	Off	line (		Online	e ( onli	ne)		1	

Offline (

(5)

(4)

(3)

(1)

(2)

(6)

(7)

(8)

1	Have knowledge of school-based management, clinical supervision, and learning planning	- Explain the concept and MBS from various learning sources and ICT - Explain the characteristics of schools that implement SBM	Criteria: Participation, assignments	Lectures, Discussions, Assignments 2 X 50		0%
2	Have knowledge of school-based management, clinical supervision, and learning planning	- Explain the concept and MBS from various learning sources and ICT - Explain the characteristics of schools that implement SBM	Criteria: Participation, assignments	Lectures, Discussions, Assignments 2 X 50		0%
3	Make decisions about designing, implementing, evaluating learning in accordance with the characteristics of the material	- Evaluate learning at the schools visited	Criteria: Participation, assignments	Lectures, discussions, assignments 2 X 50		0%
4	Make decisions about designing, implementing, evaluating learning in accordance with the characteristics of the material	- Evaluate learning at the schools visited	Criteria: Participation, assignments	Lectures, discussions, assignments 2 X 50		0%
5	Make decisions about designing, implementing, evaluating learning in accordance with the characteristics of the material	- Evaluate learning in the classes visited	Criteria: Participation, assignments	Lectures, discussions, assignments 2 X 50		0%
6	Make decisions about designing, implementing, evaluating learning in accordance with the characteristics of the material	- Evaluate learning in the classes visited	Criteria: Participation, assignments	Lectures, discussions, assignments 2 X 50		0%
7	Make decisions about designing, implementing, evaluating learning in accordance with the characteristics of the material	- Evaluate learning in the classes visited	Criteria: Participation, assignments	Lectures, discussions, assignments References 4, 5, 6, 7, and 8 as well as other relevant references from various sources - Examining individual/class reports - Presenting individual reports 2 X 50		0%
8	Covers meetings 1-7	Covers meetings 1-7	Criteria: UTS	Written test 2 X 50		0%
9	Make decisions about designing, implementing, evaluating learning in accordance with the characteristics of the material	- Evaluate learning in the classes visited	Criteria: Participation, assignments	Lectures, discussions, assignments 2 X 50		0%
10	Make decisions about designing, implementing, evaluating learning in accordance with the characteristics of the material	- Evaluate learning in the classes visited	Criteria: Participation, assignments	Lectures, discussions, assignments 2 X 50		0%

11	Make decisions about designing, implementing, evaluating learning in accordance with the characteristics of the material	- Evaluate learning in the classes visited	Criteria: Participation, assignments	Lectures, discussions, assignments 2 X 50		0%
12	Make decisions about designing, implementing, evaluating learning in accordance with the characteristics of the material	- Evaluate learning in the classes visited	Criteria: Participation, assignments	Lectures, discussions, assignments 2 X 50		0%
13	Make decisions about designing, implementing, evaluating learning in accordance with the characteristics of the material	- Evaluate learning in the classes visited	Criteria: Participation, assignments	Lectures, discussions, assignments 2 X 50		0%
14	Make decisions about designing, implementing, evaluating learning in accordance with the characteristics of the material	- Evaluate learning in the classes visited	Criteria: Participation, assignments	Lectures, discussions, assignments 2 X 50		0%
15	Make decisions about designing, implementing, evaluating learning in accordance with the characteristics of the material	- Evaluate learning in the classes visited	Criteria: Participation, assignments	Lectures, discussions, assignments 2 X 50		0%
16	Covers meetings 9-15	Covers meetings 9-15	Criteria: Participation, assignments	Test 2 X 50		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.
- 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 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.
- 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.