

Universitas Negeri Surabaya Faculty of Mathematics and Natural Sciences Undergraduate Chemistry Study Program

Document Code

SEMESTER LEARNING PLAN												
Courses			CODE		Course F	se Family		Credit Weight		S	EMESTER	Compilation Date
Chen	nistry Bibliog	Jraphy	4720102036	4720102036			T=2 P=0 ECTS=3.18		18	4	July 18, 2024	
AUTHORIZATION			SP Develope	SP Developer			Course Cluster Coordinator			r s	Study Program Coordinator	
											Dr. Amaria, M.Si.	
			arning									
Program Learning		PLO study program that is charged to the course										
		Program Objectives (PO)										
(PLO))											
		PLO-PU Mainx										
			P.0	P.0								
		PO Matrix at the end of each learning stage (Sub-PO)										
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			PO				\M	look				
			F.0		E G	7	Week			10	14	15 16
			1 2	5 4	5 0	1	0 8	, 10	11 12	13	14	15 16
Short Course Description		Study of how to search or review chemical literature and its applications easily, including through catalogues, indexes, the internet, CD ROMs, and printed materials (books, journals, magazines, etc.). Also discussed are periodic publications, publications by scientific institutions and associations, abstracts, reference books, how to account for quotations, and compiling scientific work so that students are able to master concepts, are able to work together and can communicate their knowledge scientifically.										
Refe	rences	Main :	lain :									
		1. Lutfi Achmad dkk, 2012, <i>KepustakaanKimia</i> , Yogyakarta : Absolute Media										
		Supporters:										
Supporting lecturer		Prof. Dr. Achmad Lutfi, M.Pd. Dr. I Gusti Made Sanjaya, M.Si. Dr. Kusumawati Dwiningsih, S.Pd., M.Pd. Rusmini, S.Pd., M.Si.										
Week	Final abiliti learning st	es of each age	Eva	Evaluation			Help Learning, Learning methods, Student Assignments, [Estimated time]				Learning materials	Assessment Weight (%)
	(Sub-PO)	-	Indicator	Criteria &	Form	Offlin offlin	Offline (Online)		ne (<i>online</i>)]	
(1)		(2) (3) (4)		(5)		(6)		(7)	(8)		
1	1 Understand libraries and literature, especially chemistry literature esp che liter		Explain libraries and bibliography, especially chemistry literature	Criteria: Use the ass format acco the Unesa guidebook	essment rding to	Lectures, questions and answers assignments 2 X 50						0%
2	2 Understand literature search and its application through catalogs app thro cata		Explains literature search and its application through catalogues	Criteria: format for p assessment and activity observation accordance Unesa guid with weight	roduct t reports s in with the ebook (3)	Lecture question and ans assignn 2 X 50	stures, estions d answers, signments (50				0%	

3	Understand literature search through indexes	and literature through indexes Explains literature search through indexes Criteria: The format for assessing activitie and assignments according to the Unesa guidebook		Lecture, question and answer, inquiry, assignment 2 X 50		0%
4	Understand literature searches through bibliography	Explains literature search through bibliography	Criteria: 1.The assessment is carried out on the following aspects: 2.1. Presentation (weight 2) 3.2. Assignment assessments are weighted (3)	Lectures, questions and answers, assignments 2 X 50		0%
5	Understand about online library sources	Distinguish between open source and licensed systems	Criteria: Product assessment Task report, with weighting (3)	Online literacy 2 X 50		0%
6	Understand literature searches via the internet	Utilizing the internet as a source of literature	Criteria: Product assessment in the form of a journal, as an assignment, with a weight of (3)	Online assignment 2 X 50		0%
7	Understanding the online library perr review	Distinguish between peer reviewed and non-reviewed literature based on online library sources	Criteria: Product assessment Journal report as an assignment, with weight (3)	Discussions, assignments & presentations 2 X 50		0%
8	Completing USS according to indicators 1,2,3,4,5,6,7	Indicators 1 to 7	Criteria: The Mid-Semester Examination (UTS) is carried out assessing all relevant indicators through a written exam, with a weight of (2)	written test 2 X 50		0%
9	Understanding Periodical Publishing	Explaining periodic publications	Criteria: Assessment Product assessment and activity observation as a task, with weights (3)	Lectures, questions and answers, assignments 2 X 50		0%
10	Understand the publications of scientific institutions and associations	Explains the publications of scientific institutions and associations	Criteria: Assessment of activity as participation with weight (2) and product as task, with weight (3)	Lectures, questions and answers, assignments 2 X 50		0%
11	Understanding Standards and patents	Understanding Standards and patents	Criteria: Product assessment as a task, with a weight of (3) and observation as a participation value with a weight of (2)	Lectures, questions and answers, assignments 2 X 50		0%
12	Understand reference books	Explain reference books	Criteria: Assessment of participation and activities as participation, with weight (2)	Lectures, questions and answers, assignments 2 X 50		0%
13	Understanding Abstracts	Compiling an Abstract	Criteria: Assessment of activity and participation observations, as participation value, with weight (2)	Lecture, question and answer, inquiry, assignment 2 X 50		0%
14	Understanding scientific essays	Compiling scientific essays	Criteria: Presentation assessment and assignment assessment with weights (3)	Lecture, question and answer, inquiry, assignment 2 X 50		0%

15	Understanding scientific accountabilityUnderstanding scientific publications	 Explain scientific accountability techniques Explain scientific publications 	Criteria: 1.The assessment is carried out on the following aspects: 2.1. Participation during lectures (weight 2) 3.2. Assessment of presentations and papers, considered as assignments, then given weight (3)	Lecture, question and answer, inquiry, assignment 2 X 50		0%
16	Completed the US test	Indicators 8 to 15	Criteria: The Summative Examination (US) is carried out assessing all relevant indicators through a written examination, with a weight of (3)	Written Test 2 X 50		0%

Evaluation Percentage Recap: Project Based Learning

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.
 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.
- 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.