



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

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight	SEMESTER	Compilation Date												
Teaching Skills and Microlearning	8420402295		T=2 P=0 ECTS=3.18	4	July 17, 2024												
AUTHORIZATION	SP Developer		Course Cluster Coordinator	Study Program Coordinator													
	Prof. Dr. Utiya Azizah, M.Pd.													
Learning model	Project Based Learning																
Program Learning Outcomes (PLO)	PLO study program which is charged to the course																
	PLO-5	Able to make decisions based on data/information in order to complete tasks that are their responsibility and evaluate performance that has been carried out both individually and in groups, has an entrepreneurial spirit with an environmental perspective (CPL 7)															
	PLO-7	Applying logical, critical, systematic and innovative thinking in the context of the development or implementation of science, technology and art that pays attention to and applies humanities values appropriate to the field of chemistry education in solving problems (CPL 5)															
	PLO-10	Able to design, implement, evaluate, learn and develop chemistry learning media by utilizing Information and Communication Technology (CPL 4)															
	PLO-12	Able to demonstrate chemical pedagogical knowledge about designing, implementing and evaluating chemistry learning (CPL 2)															
	Program Objectives (PO)																
PLO-PO Matrix																	
	P.O	PLO-5	PLO-7	PLO-10	PLO-12												
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	Understanding and Steps Regarding Observation and Micro-Learning, Questioning Skills, Reinforcement Skills, Variation Skills, Explaining Skills, Opening and Closing Skills, Small Group Discussion Guiding Skills, Class Management Skills, Small Group and Individual Teaching Skills																
References	Main :																
	1. Abimanyu. 1984. Keterampilan Membuka dan Menutup Pelajaran . Jakarta 2. Hasibuan, JJ Ibrahim. 1988. Proses Belajar Mengajar Keterampilan Dasar Mikro . Bandung: Remaja Karya 3. Dimiyati, dkk. 1994. Belajar dan Pembelajaran . Jakarta: Dirjen Dikti. 4. Wardani IGAK. 1985. Keterampilan Membimbing Kelompok Kecil . Jakarta: P2LPTK Ditjen Dikti 5. Rafli Kosasi. 1985. Keterampilan Menjelaskan . Ditjen Dikti. Depdikbud 6. Sugeng Pranoto dkk. 1980. Micro Teaching . Jakarta: Departemen Pendidikan dan Kebudayaan 7. Sanjaya, Wina. 2009. Perencanaan dan Desain Sistem Pembelajaran. Jakarta: Kencana Prenada Media Grup 8. Suparman, Atwi. 2001. Desain Instruksional . Jakarta: Pusat Antar Universitas untuk Peningkatan. 9. Usman, User. 2001. Menjadi Guru dalam Proses belajar mengajar . Bandung: Rosdakarya 10. Wijaya, Cece. 1991. Kemampuan Guru dalam Proses Belajar mengajar . Bandung: Rosdakarya																
	Supporters:																

Supporting lecturer	Prof. Dr. Achmad Lutfi, M.Pd. Prof. Dr. Harun Nasrudin, M.S. Dr. Sukarmin, M.Pd. Dr. Mitariis, S.Pd., M.Si. Dr. Muchlis, S.Pd., M.Pd. Dr.Hj. Rinaningsih, S.Pd., M.Pd. Dian Novita, S.T., M.Pd. Dr. Kusumawati Dwiningsih, S.Pd., M.Pd. Rusmini, S.Pd., M.Si. Rusly Hidayah, S.Si., M.Pd. Bertha Yonata, S.Pd., M.Pd. Dr. Rosalina Eka Permatasari, M.Pd. Antina Delhita, M.Pd. Findiyani Ernawati Asih, S.Pd., M.Pd.						
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	1.Learning contracts, Understanding Micro Learning 2.Learning Models	Students explain the meaning of Micro Learning		Discussion	Discussion	Material: Micro Learning Literature: <i>Hasibuan, JJ Ibrahim. 1988. Teaching and Learning Process of Micro Basic Skills. Bandung: Youth Works</i>	0%
2	Curriculum	Students can explain the curriculum that applies at school		Discussion		Material: Library Curriculum : <i>Hasibuan, JJ Ibrahim. 1988. Teaching and Learning Process of Micro Basic Skills. Bandung: Youth Works</i>	0%
3	Promissory Note and Prota	Students can prepare Prota and Promissory Notes	Criteria: Appraisal of promissory notes and promissory notes Form of Assessment : Portfolio Assessment	Discussion		Material: Promissory notes and promissory notes References: <i>Dimiyati, et al. 1994. Learning and Learning. Jakarta: Director General of Higher Education.</i>	0%

4	Basic teaching skills	Students can practice basic teaching skills	Criteria: Simulation of basic teaching skills	Discussion and practice		Material: Opening and closing skills Reader: <i>Abimanyu. 1984. Skills for Opening and Closing Lessons. Jakarta</i> <hr/> Material: small group coaching skills Reader: <i>Wardani IGAK. 1985. Small Group Guiding Skills. Jakarta: P2LPTK Directorate General of Higher Education</i> <hr/> Material: Explanation skills Reader: <i>Rafli Kosasi. 1985. Explaining Skills. Directorate General of Higher Education. Department of Education and Culture</i> <hr/> Material: basic teaching skills Reader: <i>Wijaya, Cece. 1991. Teacher Ability in the Teaching and Learning Process. Bandung: Rosdakarya</i>	0%
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5	Basic teaching skills	Students can practice basic teaching skills	<p>Criteria: Simulation of basic teaching skills</p> <p>Form of Assessment : Practice / Performance</p>	Discussion and practice		<p>Material: Opening and closing skills Reader: <i>Abimanyu. 1984. Skills for Opening and Closing Lessons. Jakarta</i></p> <p>Material: small group coaching skills Reader: <i>Wardani IGAK. 1985. Small Group Guiding Skills. Jakarta: P2LPTK Directorate General of Higher Education</i></p> <p>Material: Explanation skills Reader: <i>Rafli Kosasi. 1985. Explaining Skills. Directorate General of Higher Education. Department of Education and Culture</i></p> <p>Material: basic teaching skills Reader: <i>Wijaya, Cece. 1991. Teacher Ability in the Teaching and Learning Process. Bandung: Rosdakarya</i></p>	10%
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6	Basic teaching skills	Students can practice basic teaching skills	<p>Criteria: Simulation of basic teaching skills</p> <p>Form of Assessment : Practice / Performance</p>	Discussion and practice		<p>Material: Opening and closing skills Reader: <i>Abimanyu. 1984. Skills for Opening and Closing Lessons. Jakarta</i></p> <p>Material: small group coaching skills Reader: <i>Wardani IGAK. 1985. Small Group Guiding Skills. Jakarta: P2LPTK Directorate General of Higher Education</i></p> <p>Material: Explanation skills Reader: <i>Rafli Kosasi. 1985. Explaining Skills. Directorate General of Higher Education. Department of Education and Culture</i></p> <p>Material: basic teaching skills Reader: <i>Wijaya, Cece. 1991. Teacher Ability in the Teaching and Learning Process. Bandung: Rosdakarya</i></p>	10%
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7	Development of learning tools or modules	Students can develop/compile learning tools or modules		module preparation project		<p>Material: Learning Media (teaching materials) Literature: <i>Sugeng Pranoto et al. 1980. Micro Teaching. Jakarta: Department of Education and Culture</i></p> <hr/> <p>Material: Learning tools Reader: <i>Wijaya, Cece. 1991. Teacher Ability in the Teaching and Learning Process. Bandung: Rosdakarya</i></p>	0%
8	Development of learning tools or modules	Students can develop/compile learning tools or modules	<p>Form of Assessment : Project Results Assessment / Product Assessment</p>	module preparation project		<p>Material: Learning Media (teaching materials) Literature: <i>Sugeng Pranoto et al. 1980. Micro Teaching. Jakarta: Department of Education and Culture</i></p> <hr/> <p>Material: Learning tools Reader: <i>Wijaya, Cece. 1991. Teacher Ability in the Teaching and Learning Process. Bandung: Rosdakarya</i></p>	0%

9	Development of learning tools or modules	Students can develop/compile learning tools or modules	Form of Assessment : Project Results Assessment / Product Assessment	module preparation project		Material: Learning Media (teaching materials) Literature: <i>Sugeng Pranoto et al. 1980. Micro Teaching. Jakarta: Department of Education and Culture</i> Material: Learning tools Reader: <i>Wijaya, Cece. 1991. Teacher Ability in the Teaching and Learning Process. Bandung: Rosdakarya</i>	20%
10	Micro learning simulation practice	Students can practice/simulate microlearning	Criteria: Micro learning simulation	simulation		Material: Micro learning simulation Reader: <i>Wijaya, Cece. 1991. Teacher Ability in the Teaching and Learning Process. Bandung: Rosdakarya</i>	0%
11	Micro learning simulation practice	Students can practice/simulate microlearning	Criteria: Micro learning simulation	simulation		Material: Micro learning simulation Reader: <i>Wijaya, Cece. 1991. Teacher Ability in the Teaching and Learning Process. Bandung: Rosdakarya</i>	0%
12	Micro learning simulation practice	Students can practice/simulate microlearning	Criteria: Micro learning simulation	simulation		Material: Micro learning simulation Reader: <i>Wijaya, Cece. 1991. Teacher Ability in the Teaching and Learning Process. Bandung: Rosdakarya</i>	0%

13	Micro learning simulation practice	Students can practice/simulate microlearning	Criteria: Micro learning simulation Form of Assessment : Assessment of Project Results / Product Assessment, Practices / Performance	simulation		Material: Micro learning simulation Reader: Wijaya, Cece. 1991. <i>Teacher Ability in the Teaching and Learning Process.</i> Bandung: Rosdakarya	20%
14	Micro learning simulation practice	Students can practice/simulate microlearning	Criteria: Micro learning simulation Form of Assessment : Assessment of Project Results / Product Assessment, Practices / Performance	simulation		Material: Micro learning simulation Reader: Wijaya, Cece. 1991. <i>Teacher Ability in the Teaching and Learning Process.</i> Bandung: Rosdakarya	20%
15	Micro learning simulation practice	Students can practice/simulate microlearning	Criteria: Micro learning simulation Form of Assessment : Project Results Assessment / Product Assessment	simulation		Material: Micro learning simulation Reader: Wijaya, Cece. 1991. <i>Teacher Ability in the Teaching and Learning Process.</i> Bandung: Rosdakarya	20%
16	Micro learning simulation practice	Students can practice/simulate microlearning	Criteria: Micro learning simulation Form of Assessment : Project Results Assessment / Product Assessment	simulation		Material: Micro learning simulation Reader: Wijaya, Cece. 1991. <i>Teacher Ability in the Teaching and Learning Process.</i> Bandung: Rosdakarya	0%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Project Results Assessment / Product Assessment	60%
2.	Practice / Performance	40%
		100%

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.
- 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.
- 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.
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.