Document Code



Universitas Negeri Surabaya Faculty of Mathematics and Natural Sciences Master of Science Education Study Program

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Courses			CODE				Cou	rse F	amil	у	Cı	redi	t We	ight		SEMES	STER	Co	mpilation te
Assessment a	and Evaluation		841010219	9							T=	-2	P=0	ECTS=	1.48	:	2	Jul	y 17, 2024
AUTHORIZAT	ION		SP Developer						Course Cluster Coordinator			or	Study Program Coordinator		ordinator				
																Dr. E	Eko Ha N	ariyono 1.Pd.	o, S.Pd.,
Learning model	Project Based L	oject Based Learning																	
Program	PLO study program that is charged to the course																		
Learning Outcomes (PLO)	Program Object	ctives	(PO)																
(PLO)	PO - 1	Describe the concepts of comprehensive assessment and evaluation in learning and research																	
	PO - 2		dentify and plan appropriate assessments for learning																
	PO - 3 Create, apply, and analyze evaluation results.																		
	PLO-PO Matrix	•																	
	P.O PO-1 PO-2																		
	PO-1 PO-2 PO-3																		
	PO Matrix at the end of each learning stage (Sub-PO)																		
		_																	
			P.O									We	eek			,	1		
				1	2	3	4	5	6	7	8	9	10	0 11	12	13	14	15	16
		PC	D-1																
		PC)-2																
		PC	D-3																
Short Course Description	and their applic assessments, alt study includes e	his course examines and provides an in-depth and comprehensive understanding of the concepts of assessment and evaluation and their application in learning and research. The study includes assessment concepts, planning assessments, types of assessments, alternative assessments, validity and reliability, interpretation of assessment results and their use. Apart from that, the rudy includes educational evaluation, alternative approaches to educational evaluation, educational objectives and educational valuation, planning data collection, analyzing evaluation data, and reporting evaluation results.																	
References	Main :																		
	 Anderson, L. W. (2001). A taxonomy for learning, teaching, and assessing. New York: Longman Grondlund, N. E. (2003). Aseesment of student achievement. New York: Pearson Education, Inc. Glencoe. T. (tt). Performance assessment in the science classroom. New York: McGraw-Hill. Johnson. D. W. dan Johnson, R. T. (2002). Meaningfull assessment in the science slassroom. New York: Allyn and Bacon. Ossterhof, A. (2003). Developing and using classroom assessment. Boston: Allyn and Bacon. Popham, W. J. (1993). Educational evaluation. Boston: Allyn and Bacon. Knight, Peter T. and Mantz Yorke. (2003). Assessment, learning, and employability. Society for Research into Higher Education and Open University Press. Kauffman, James C. (2008). Essentials of Creativity Assessment. New Jersey: John wiley&sons.inc. 																		
	Supporters:																		
			l																

Supporting lecturer

Dr. Titin Sunarti, M.Si. Prof. Dr. Endang Susantini, M.Pd. Prof. Dr. Wasis, M.Si. Dr. Elok Sudibyo, S.Pd.,M.Pd.

Week-	Final abilities of each learning stage	Evalu	uation	Lear Stude	elp Learning, ning methods, nt Assignments, stimated time]	Learning materials [References]	Assessment Weight (%)
	(Sub-PO)	Indicator	Criteria & Form	Offline (offline)	Online (online)	[References]	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Understand the concept of assessment, assessment of learning, assessment for learning, assessment as learning	1.Explain the meaning of learning outcomes assessment 2.Distinguish between assessment, evaluation and measurement 3.Explain the principles of learning outcomes assessment 4.Comparing the concepts of assessment for, as, and of learning 5.Analyze the role, function and purpose of learning outcomes assessment	Criteria: Concept, Assignment and Product Assessment: Form of Assessment: Project Results Assessment / Product Assessment, Test	Lecturer presentation, PPT, interpretation of assessment results, discussion, review and 2x50 minute exercises	Lecture coordination using WAG Synchronous via Zoom/gmeet Material, information and assignments can be accessed via Vinesa 2x50 minutes	Material: Definition, differences between assessment, evaluation and measurement, concept of assessment for, as and of learning, principles, roles, functions and objectives of assessment. References:	0%
2	Understand the concepts and characteristics of learning outcomes	1.Explain the meaning of cognitive, process, attitude and psychomotor learning outcomes 2.Identify the characteristics of each type of learning outcome 3.Give examples of each type of learning outcome outcome	Criteria: Concept, Assignment and Product Assessment Form of Assessment : Project Results Assessment / Product Assessment, Test	Lecturer presentation, PPT, interpretation of assessment results, discussion, review and 2x50 minute exercises	Lecture coordination using WAG Synchronous via Zoom/gmeet Material, information and assignments can be accessed via Vinesa 2x50 minutes	Material: Understanding cognitive learning outcomes, their characteristics and examples Understanding process learning outcomes, characteristics and examples Understanding attitudinal learning outcomes, characteristics and examples Understanding ptitudinal learning outcomes, characteristics and examples Understanding psychomotor learning outcomes, characteristics and examples References: Anderson, LW (2001). A taxonomy for learning, teaching, and assessing. New York: Longman	0%

3	Understand the concepts and characteristics of instruments for measuring learning outcomes	1.Identify various instruments to measure learning outcomes 2.Distinguish between test and non-test characteristics 3.Identifying the characteristics of instruments for measuring outcomes 4.Identifying the characteristics of instruments to measure process learning outcomes 5.Identifying the characteristics of instruments to measure process learning outcomes 6.Identifying the characteristics of instruments for measuring attitude learning outcomes 6.Identifying the characteristics of instruments for measuring attitude learning outcomes 6.Identifying the characteristics of instruments for measuring psychomotor learning outcomes	Criteria: Concept, Assignment and Product Assessment Form of Assessment : Project Results Assessment / Product Assessment, Test	Lecturer presentation, PPT, interpretation of assessment results, discussion, review and 2x50 minute exercises	Lecture coordination using WAG Synchronous via Zoom/gmeet Material, information and assignments can be accessed via Vinesa 2x50 minutes	Material: Various instruments for measuring learning outcomes (tests and non- tests) and their characteristics, differences between tests and non-tests, characteristics of instruments for measuring learning outcomes (cognitive, process, attitude and psychomotor) References: Grondlund, NE (2003). Assessment of student achievement. New York: Pearson Education, Inc.	0%
4							0%
5							0%
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15							0%
16							0%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage	
		0%	

- 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 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.