

# UNIVERSITAS SEBELAS MARET FACULTY OF TEACHER TRAINING AND EDUCATION SCIENCE EDUCATION STUDY PROGRAM

JI Ir. Sutami No 36A Kentingan Surakarta 57126 Telephone (0271) 669124, Facsimile (0271) 648939 Website: http://ipa.fkip.uns.ac.id, Email: ipa@fkip.uns.ac.id

#### **Module Handbook**

Module Handbook						
Module Name:	Performa	nce Assess	ment			
Module Level:	Undergra	Undergraduate Program				
Code, if applicable:	KB29187	759				
Date created	28 <sup>th</sup> July	28 <sup>th</sup> July 2020				
Date updated	26 <sup>th</sup> Janu	ary 2023				
Sub-title, if applicable:	-					
Courses, if applicable:	-					
Semester(s) in which the	7 <sup>th</sup>					
module is taught						
Module coordinator(s)	Dr. Budi	Utami S.Pc	l.,M.Pd.			
Lecturer(s)	Prof. Dr.	Suciati, M.	Pd.			
	Dr. Budi	Utami, S.P	d., M.Pd.			
Language	Bahasa Iı	ndonesia (Iı	ndonesian Lang	guage) and Eng	glish	
Course Classification	Compuls	ory Course	/ Elective Stud	lies		
Teaching format/class	Direct i	nstruction/	face to face/	blended learr	ning: 2 x 50	
hours per week during	minutes /	Week: lect	ure, discussion	l		
semester	Structured Activity: 2 x 60 minutes / Week: Team-based					
	projects					
	Self-stud	y Activity:	2 x 60 minute	s / Week		
Workload						
	Type	CSU	Face to	Structured	Self-study	
			Face	Activity		
	T	2	26.7h (0.88	32h (1.06	32h (1.06	
			ECTS)	ECTS)	ECTS)	
	Note: 1 h	our equals	with 0.033 EC	TS		
	The work	cload hours	including the	examination an	d preparation	
Credit Points:	2 CSU (3	ECTS)				
Requirements:	-					
Learning	PLO 3					
goals/competencies:	Demonst	Demonstrate pedagogical knowledge of designing,				
	implementing, evaluating learning					
	PLO 6					
		mplement,	and evaluate so	cience learning	using ICT	
	PLO13					



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	Demonstrate human, cultural values an	d attitudes in				
	professional-related task					
	CLO 1					
	Analyze the meaning of performance assessm	ent, mention the				
	components of performance assessment, describe how to use					
	tools such as performance assignments, task	tools such as performance assignments, task assessment lists,				
	rubrics and portfolios, explain high-level th	inking skills or				
	process skills that can come from various dis	ciplines such as				
	writing or proofreading from language arts	or Mathematical				
	calculation and problem solving skills. other	process skills.				
	Make a performance assessment to measure 21	st century skills.				
	CLO 2					
	Able to organize data and information digital	ly with security				
	priority scales to ensure security and prevent pl	agiarism.				
	CLO 3					
	Have sincerity, commitment, earnestness to d	-				
	values, and abilities of students based on the	values of local				
	wisdom and noble character.					
Content	Students are able to do development of perform	nance				
	assessment in science learning	. 1: 1				
Attribute Soft skill	Students can solve problems in the field of stud					
Study/exam	Students are considered to complete the course					
achievements:	obtain at least 60% of maximum final grade.	The final grade				
	(FS) is calculated based on the following ratio:					
	Aspect	(%)				
	Participatory Activities (Case method)	15				
	Project (Team Based Project)	15				
	Task	10				
	Quiz	0				
	Mid-term test	30				
	Final Test	30				
	Final Score	100				
Forms of Media	Laptop, internet, whiteboard, projector, LCD, je	ournal article				



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Literature:	1.	K.M.Hibbard, A Teacher's Guide to Performance-Based
		Learning and Assessment.
		http://www.ascd.org/readingroom/books/hibbard96book.ht
		<u>ml</u>
	2.	Susan M.Brookhart. How to asses Higher Order Thinking
		Skill in your class room. 2010.
		www.ascd.org/memberbooks
	3.	Budi Utami, Sulistyo Saputro, Ashadi, Mohammad
		Masykuri, Sri Widoretno, Performance Assessment to
		Assess Students' Interpretation in Chemistry Learning,
		The 2nd International Conference on Science,
		Mathematics, Environment, and Education AIP Conf.
		Proc. 2194, 020135-1–020135-10;
		https://doi.org/10.1063/1.5139867 Published by AIP
		Publishing. 978-0-7354-1945-2/\$30.00, 2194,
		020135-1-020135-10; https://doi.org/10.1063/1.5139867,
		2020, AIP
	4.	Budi Utami, Sulistyo Saputro, Ashadi, Mohammad
		Masykuri, Performance assssment to measure students'
		explanations in chemistry learning, Journal of Physics:
		Conference Series, 1842, 012028 IOP Publishing
		doi:10.1088/1742-6596/1842/1/012028, 2021, IOP
		Publishing
Notes	Sch	eduled instruction in a classroom (50 minutes); (b)
		ctured activity (60 minutes); and (c) individual activity
	(60	minutes) according to the Regulation of Indonesia
		nistry of Research, Technology, and Higher Education No.
	03/2	2020.

### **PLO and CLO Mapping**

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13	PLO 14
CL 01			<b>V</b>											
CL O 2						<b>√</b>								
CL O 3													<b>√</b>	



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#### **Assessment Rubric for Presentation**

Name : NIM :

No.	Assessment aspect	Criteria	Score maximum	Assessment
1.	Presentation	Preparation Material order Use of other tools/media	10 15 10	
2.	Presentation script	Conformity with the proposal/paper Slide composition	10 10	
3.	Exposure	Use of standard language Clarity of presentation content	15 15	
4.	Attitude	Material delivery Appearance	10 5	
		Total		



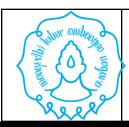
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#### **Questionnaire Quality Observation Sheet**

No.	Realm of Knowledge	Conceptual definition	Question Indicator
1.	C1 (Remembering)	1.1 Restate what has been learned from lecturers, books, other sources as original, without making changes	1.1.1 Questions based on existing facts related to the course material
2.	C2 (Understanding)	2.1 There has been a processing process from the original form but the meaning of words, terms, writings, graphics,17okum, pictures, photos has not changed	2.1.1 Questions related to processing facts and lecture materials that have been explained by the lecturer
3.	C3 (Applying)	3.1 Using information, concepts, procedures, principles, 17okum, theories that have been learned for something new/not yet learned	3.1.1 Questions in the form of matters related to the application of information or concepts of the subject matter studied
4.	C4 (Analyzing)	4.1 Using the skills he has learned on an unknown information in classifying information, determining the relationship between one group/information and the group. other information, between facts and concepts, between arguments and conclusions, a common thread of thought between one work and another	4.1.1 The questions raised are based on the skills that have been learned related to course material in classifying information
5.	C5 (Evaluating)	5.1 Able to analyze and synthesize information to solve problems, using existing information and related theories	5.1.1 The questions raised are based on the results of the analysis of the synthesis of information to solve problems, using existing information and related theories



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#### ASSESSMENT RUBRIC FOR PAPER

No	Component	Indicator	Score
1	Title	<ol> <li>There is a variable that will solve the problem</li> <li>Reflects efforts to solve problems</li> <li>Bringing up the contemporary theme</li> <li>Reflecting solutions/workarounds for problem solving</li> </ol>	If there is one indicator     If there is two indicator     If there is three indicators
2	Background problem	<ol> <li>Describe the problem</li> <li>Describing the gap / gap between expectations and reality</li> <li>Describe the actual situation/environment</li> <li>Provide arguments for the need for problem solving</li> </ol>	4. if there is four indicators
3	Purpose	<ol> <li>Describe the purpose of writing</li> <li>Write down the expected components in the direction of writing</li> <li>Write down important descriptions of writing</li> <li>Write down the subject of writing</li> </ol>	
4	Formula problem	Contains urgent problems to solve     Contains problems encountered in everyday life     Contains current problems that society needs     Contains problems related to the theory being studied	
5	Literature review	<ol> <li>Refers to one national/international article</li> <li>Refers to two national/international article</li> <li>Refers to three national/international articles</li> <li>Refers to more than three national/international articles</li> </ol>	
6	Discussion	<ol> <li>The discussion provides data.</li> <li>Discussion based on arguments, based on data/facts.</li> <li>Discussion based on relevant theories.</li> <li>Discussion of analyzing, synthesizing, evaluating data, relevant information</li> </ol>	
7	Conclusion	<ol> <li>Collect observations of objects or events.</li> <li>Gather information.</li> <li>Connecting observations, information with previous experience and knowledge.</li> <li>Draw logical conclusions</li> </ol>	



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8	References	<ol> <li>Refers to two national/international articles.</li> <li>Referring to three national/international articles.</li> <li>Referring to four national/international articles.</li> <li>Referring more than 4 national/international articles</li> </ol>	
		32	
		(Total score/32)x 100=100	