MODULE HANDBOOK

N# 1 1 NT	Did to CM of the Education		
Module Name:	Philosophy of Mathematics Education		
Module Level:	Sarjana (S-1) / Bachelor		
Abbreviation, if	8420202057		
applicable:			
Sub-heading, if	-		
applicable:			
Course included in the	-		
module, if applicable:			
Semester/term:	6/ Third year		
Module Coordinator(s):	Prof. Dr. Mega Teguh Budiarto, M.Pd		
Lecturer(s):	Prof. Dr. Tatag Yuli Eko Siswono, M.Pd		
	Dr. Siti Khabibah, M.Pd		
Language:	Indonesia		
Classification within	Compulsory course/elective studies		
the curriculum:			
Teaching format/class	Teaching format: lectures, tutorial assignment, and individual		
hours per week during	study. 2 x 170 minutes = 340 minutes = 5.67 hours lectures		
the semester			
Workload:	15 weeks per semester consisting of:		
	➤ 2 hours lectures (2 x 50 minutes) per week,		
	➤ 2 hours tutorial assignments (2 x 60 minutes) per week,		
	≥ 2 hours individual study (2 x 60 minutes) per week,		
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	Total workload: 14x2x170 minutes = 4,760 minutes = 3.17 ECTS*		
Credit Point:	2		
Citait I omit.			

Learning Goals:	Knowledge	Knowledge					
	various	CLO-1: Understand the important role and nature of mathematics, various views of mathematics, the truth and characteristics of mathematics					
		CLO-2: Understand the important role of mathematical aesthetics,					
	_	the position of mathematics in learning theory, and the basic principles in teaching and learning mathematics.					
	CLO-3: Apply p		es in learning and te	aching			
Content:	The Nature of Mathematics, Various Views on Mathematics, The Truth and Characteristics of Mathematics, Mathematical Aesthetics, The Position of Mathematics In Learning Theory, and The Basic Principles of Learning and Teaching Mathematics and Applying Philosophical Principles in Learning and Teaching Mathematics						
Study/exam		> Students are considered competent and pass if the final score					
achievements	participation Final score i 20% midten 30% final ex	 calculated from the score of midterm exam, assignments, participation, and final exam is at least 55 or C. Final score is calculated as follows: 20% midterm exam + 30% assignments + 20% participation + 30% final exam 					
	Index	Converted Score	Score Range				
	A	4.00	85≤ <i>A</i> ≤100				
	A-	3.75	80≤ <i>A</i> − <85				
	В+	3.50	75≤ <i>B</i> + <80				
	В	3.00	70≤ <i>B</i> <75				
	В-	2.75	65≤ <i>B</i> − <70				
	C+	2.50	60≤ <i>C</i> +<65				
	С	2.00	55≤ <i>C</i> <60				
	D	1.00	4 0≤ <i>D</i> <55				
	Е	0.00	0≤ <i>E</i> <40				
Forms of Media	Slides and LCD	projectors, whiteboar	d				

Literature	[1]	Siswono, T. 2014. Filsafat Pendidikan Matematika dan		
		Sejarah Matematika. Modul PLPG UNESA		
	[2]	FitzSimmons, James A. 2014. Philosophy of Teaching and		
		Learning Mathematics. http://plato.wilmington.edu/f		
		aculty/jfitzs/tchg_phi.htm.		
	[3]	Ernest, Paul. Tanpa tahun. What is the Philosophy of		
		Mathematics Education.		
		http://people.exeter.ac.uk/PErnest/		
		pome18/PhoM_%20for_ICME_04.htm		
	[4]	Ernest, P. 1991. The Philosophy of Mathematics Education,		
		London: Falmer Press.		
	[5]	Philosophy of Mathematics Education Journal ISSN 1465-		
		2978 (Online)		
	[6]	Soedjadi, R. 1999. Kiat-Kiat Pendidikan Matematika.		
		Dirjen Dikti, Depdikbud		
Note	*Tota	1 hours per 1 credit in 1 semester={(1 credit x 170 minutes x		
	14 we	14 weeks)/60 minutes}=39,67 hours.		
		Each ECTS equals with 25 hours therefore 1 credit in 1 semester equals 1,59 ECTS.		