

MINISTRY OF EDUCATION, CULTURE, RESEARCH, AND TECHNOLOGY UNIVERSITAS NEGERI SURABAYA

FACULTY OF MATHEMATICS AND NATURAL SCIENCES

Ketintang Campus, D-1 Building, Surabaya 60231 +6231-8296427 Website: www.fmipa.unesa.ac.id, email: info_fmipa@unesa.ac.id

Master Program of Mathematics Education

Module Handbook

Module Level: Ma Abbreviation, if	aster (S-2)		
Abbreviation if	Master (S-2)		
Abbit eviation, ii			
applicable:			
Sub-heading, if			
applicable:			
Course included in the -	-		
module, if applicable:			
Semester/term: 2 /	2 / First year		
Module Coordinator(s): Pro	Prof. Dr. Mega Teguh Budiarto, M.Pd.		
	Prof. Dr. Mega Teguh Budiarto, M.Pd.		
	r. Rini Setianingsih, M.Kes.		
0 0	donesia		
Classification within	Compulsory course/elective studies		
the curriculum:	1 0		
Teaching format/class Te	Teaching format: lectures, tutorial assignment, and individual		
hours per week during	ady. 2×240 minutes = 480 minutes = 8 hours lectures		
the semester	vicales non compaten consisting of		
	weeks per semester consisting of:		
•	1 hour lecture (1 \times 50 minutes) per week,		
•	2 hours assignments (2 \times 45 minutes) per week,		
•	2 hours individual study (2 \times 50 minutes) per week,		
То	otal workload: $14 \times 2 \times 240 \text{ minutes} = 6,720 \text{ minutes} \approx 4.48 \text{ ECTS*}$		
Credit Point: 2			
Requirements: N/	A		
Learning Goals : Kr	nowledge (KNO-2)		
CL	LO-1: able to use information technology and artifacts to study		
Inc	donesian cultural ethnomathematics.		
Sk	till (SKI-2)		
CI	LO-2: able to have knowledge of the concept of integration of		
	athematics and culture, especially Indonesian culture and creatively		
de	velop culture-based contextual or realistic mathematics learning.		
Co	ompetency (COM-1)		





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	CLO-3: al	ole to Make	strategic decisions	in completing assignn	nents and		
	designing	designing culture-based mathematics learning strategies. Social (SOC-1)					
	Social (So						
	,	CLO-4: able to be responsible and characterized by faith, intelligent,					
		independent, honest, caring, and tough in completing tasks related to					
	strengther	ning ethnon	nathematics concept	s and creative applica	ntion		
Content:	and mathe	Studying the concept of ethnomathematics, the integration of culture and mathematics, the use of culture or traditions in Indonesia which have ethnomathematics values, the study of various recent articles on ethnomathematics, and their use in designing mathematics learning.					
Study/exam							
achievements		• Students are considered competent and pass if the final score calculated from the score of midterm exam, assignments,					
		participation, and final exam is at least 55 or C.					
	_						
	20% n	20% midterm exam + 30% assignments + 20% participation +					
	30% f	30% final exam					
	• Final i	• Final index is defined as follows:					
		Index	Converted Score	Score Range			
		A	4.00	$85 \le A \le 100$			
		A-	3.75	$80 \le A - < 85$			
		B+	3.50	$75 \le B + < 80$			
		В	3.00	70 ≤ B < 75			
		B-	2.75	65 ≤ B- < 70			
		C+	2.50	$60 \le C + < 65$			
		С	2.00	$55 \le C < 60$			
		D	1.00	$40 \le D < 55$			
		Е	0.00	$0 \le E < 40$			
	G1: 1	11.05					
Media employed	Slides and	Slides and LCD projectors, white board					
Reading list	math 1(1), [2] Abdu sund [3] Asc math [4]	mathematical ideas. Cole Publishing Company,					





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	[6] Barton. (1985). Ethnomathematics and curriculum change.			
	Unpublished Manuscript.			
Note	*Total hours per 1 credit in 1 semester = $\{(1 \text{ credit} \times 240 \text{ minutes} \times 14)\}$			
	weeks)/60 minutes $\} = 56$ hours.			
	Each ECTS equals 25 hours, so 1 credit in 1 semester is equivalent to			
	2.24 ECTS.			
Last amendment	January 2023			

