

UNIVERSITAS NEGERI PADANG

FACULTY OF MATHEMATICS AND NATURAL SCIENCES MATHEMATICS DEPARTMENT, MATHEMATICS EDUCATION STUDY PROGRAM

Main Campus Universitas Negeri Padang.

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Bachelor of Mathematics Education

MODULE HANDBOOK

Module name:	Study Middle School Math Curriculum						
Module level, if applicable:	Bachelor						
Code:	MAT1.61.4305						
Sub-heading, if applicable:	-						
Classes, if applicable:	Study Middle School Math Curriculum						
Semester:	4 th (fourth)						
Module coordinator:	Drs. Mukhni, M.Pd.						
Lecturer(s):	Drs. Mukhni, M.Pd., and Team						
Language:	Bahasa Indonesia and English						
Classification within the	2, 1, 5,, 0						
curriculum:	Study Program Compulsory Course						
Teaching format / class hours per week during the semester: Workload:	 Teaching format: Lectures (face to face activities): Project Based Learning with Presentations, Group and Class Discussion methods, Structured assignment, Independent activities, and Practice. 3 x 170 minutes = 510 minutes = 8.50 hours 16 weeks per semester include Midterm Exam and Final Exam which consist of: 1.67 hours lectures (2 x 50 minutes) per week 2 hours structured assignments (2 x 60 minutes) per week 						
Credit points:	 2 hours independent activities (2 x 60 minutes) per week 2.83 hours practice (1 x 170 minutes) per week 16 x 170 x 3 = 8160 minutes = 136 hours = 4.53 ECTS 3 SKS (4.53 ECTS) 						
Prerequisites course(s):	-						
Course outcomes:	After taking this course, the students have ability to: CO1: Explain the Study the School Mathematics Curriculum concept, about basic concept of curriculum, curriculum development in Indonesia, characteristic and function school of mathematics, mathematics topic in						

	junior and senior high school CO2 : Explain the Study the School Mathematics
Content: Study/exam achievements:	 This course discusses: basic concepts of curriculum (definition, components, functions of change, development) curriculum development in Indonesia the characteristics and nature of mathematics, the aims and functions of school mathematics the basic concept of the 2013 curriculum analyzing the relationship between SKL, KI, KD, and school mathematics teaching materials analyzing mathematics teaching materials for junior high and high school students Total Score= (20% x Midterm Exam Score) + (20% x Final Exam Score) + (50% x Assignments including presentations and Project Score) + (10% x Affective Score: responsibility and attendance)
	The initial cut - off points for grades A, A, B, B, B, C, C, C, and D should not be less than 85, 80, 75, 70, 65, 60, 55, 50, and 40 out of 100 respectively.
	Explanation: 1. Midterm Exam ✓ Midterm Exam will be conducted in the 9 th meeting ✓ Midterm Exam is in the form of a written test (essay) and will be conducted in the classroom ✓ The time allocation is 120 minutes according to the module schedule
	 2. Final Exam ✓ Final Exam will be conducted in the 16th meeting. ✓ Final Exam is in the form of a written test (essay) and will be conducted in the classroom. ✓ The time allocation is 120 minutes which follows the Final Exam schedule provided by the Department.
	3. Assignment ✓ Presentations: the participants of the module will be divided into several small groups. Each of the groups will assign to particular topic related to the material in Study Middle School Math Curriculum. They should discuss about the topic, prepare the

	paper and conduct a class presentation. ✓ Project assignment:						
	 a. Students make a mind map of Study Middle School Math Curriculum. b. Students with their groups observe schools regarding the implementation of the curriculum in schools and examine the implementation of the curriculum 4. Affective Assessment ✓ Affective assessment is held in every meeting by observing students' attitude in the classroom. ✓ The assessment is based on the observation sheet by using the given scoring rubrics. 						
Forms of media:	Board, LCD Projector, Laptop/Computer						
Literature:	 Mendikbud. (2016). Permendikbud 20 Tahun 2016: Standar Kompetensi Lulusan Pendidikan Dasar dan Menengah. Jakarta: BSNP. Mendikbud. (2016). Permendikbud 21 Tahun 2016: Standar Isi Pendidikan Dasar dan Menengah. Jakarta: BSNP. Mendikbud. (2016). Permendikbud 22 Tahun 2016: Standar Proses Pendidikan Dasar dan Menengah. Jakarta: BSNP. Mendikbud. (2016). Permendikbud 23 Tahun 2016: Standar Penilaian Pendidikan. Jakarta: BSNP. Mendikbud. (2016). Permendikbud 23 Tahun 2016: Kompetensi Inti dan Kompetensi Dasar Pelajaran pada Kurikulum 2013 pada Pendidikan Dasar dan Pendidikan Menengah. Jakarta: BSNP. Mendikbud. (2014). Permendikbud 58 Tahun 2014: Kurikulum 2013 Sekolah Menengah Pertama/Madrasah Tsanawiyah. Jakarta: BSNP. Mendikbud. (2014). Permendikbud 59 Tahun 2014: Kurikulum 2013 Sekolah Menengah Atas/Madrasah Aliyah. Jakarta: BSNP. Mendikbud. (2013). Permendikbud 71 Tahun 2013: Buku teks pelajaran dan Buku Panduan untuk Pendidikan dasar dan Menengah. Jakarta: BSNP. 						

PLO and CO mapping

	a										
	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11
CO1					✓						
CO2					✓						
CO3										✓	
CO4										✓	