



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 curriculum:	Study Program Compulsory Course
Teaching format / class hours per week during the semester:	<p>Teaching format:</p> <ul style="list-style-type: none"> • Lectures (face to face activities): Project Based Learning with Presentations, Group and Class Discussion methods, • Structured assignment, • Independent activities, and • Practice. <p>3 x 170 minutes = 510 minutes = 8.50 hours</p>
Workload:	<p>16 weeks per semester include Midterm Exam and Final Exam which consist of:</p> <ul style="list-style-type: none"> • 1.67 hours lectures (2 x 50 minutes) per week • 2 hours structured assignments (2 x 60 minutes) per week • 2 hours independent activities (2 x 60 minutes) per week • 2.83 hours practice (1 x 170 minutes) per week <p>16 x 170 x 3 = 8160 minutes = 136 hours = 4.53 ECTS</p>
Credit points:	3 SKS (4.53 ECTS)
Prerequisites course(s):	-
Course outcomes:	<p>After taking this course, the students have ability to:</p> <p>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</p>

	<p>junior and senior high school</p> <p>CO2 : 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</p> <p>CO3 : Show the responsibility attitude in own works</p> <p>CO4 : Maintain the responsibility attitude in team works</p>
<p>Content:</p>	<p>This course discusses:</p> <ol style="list-style-type: none"> 1. basic concepts of curriculum (definition, components, functions of change, development) 2. curriculum development in Indonesia 3. the characteristics and nature of mathematics, the aims and functions of school mathematics 4. the basic concept of the 2013 curriculum 5. analyzing the relationship between SKL, KI, KD, and school mathematics teaching materials 6. analyzing mathematics teaching materials for junior high and high school students
<p>Study/exam achievements:</p>	<p>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)</p> <p>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.</p> <p>Explanation:</p> <ol style="list-style-type: none"> 1. Midterm Exam <ul style="list-style-type: none"> ✓ Midterm Exam will be conducted in the 9th 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 <ul style="list-style-type: none"> ✓ 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 <ul style="list-style-type: none"> ✓ 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

