



UNIVERSITAS NEGERI YOGYAKARTA

FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF MATHEMATICS EDUCATION

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Bachelor of Education in Mathematics

MODULE HANDBOOK

Module name:	English for Mathematics Education 1
Module level, if applicable:	Undergraduate
Code:	PMA6203
Sub-heading, if applicable:	-
Classes, if applicable:	-
Semester:	3 rd
Module coordinator:	Sahid, M.Sc
Lecturer(s):	Sahid, M.Sc.
Language:	English
Classification within the curriculum:	Compulsory Course
Teaching format / class hours per week during the semester:	100 minutes lectures and 120 minutes structured activities per week.
Workload:	Total workload is 90,67 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes self-study per week for 16 weeks.
Credit points:	2
Prerequisites course(s):	English (MKU6211)
Course Outcomes	After taking this course the students have ability to: CO1. Demonstrate collaborative attitude and respect the opinions of others in carrying out individual tasks and group assignments CO2. Communicate ideas in solving problems verbally and in writing CO3. Master the concepts in English related to the field of mathematics CO4. Solve the problems in English related to the field of mathematics CO5. Utilize communication in English to find out the development of mathematics throughout the world

Content:	This course covers four main literacy skills in English: reading, writing, listening and speaking. These are focused on mathematics context. Selected articles or research publications in mathematics are used to practice effective reading and comprehension. Listening and speaking skills are integrated during discussions on reading or writing tasks. These skills are particularly facilitated through presentations to communicate ideas, raise questions and respond to other comments.																										
Study / exam achievements:	<p>Attitude assessment is carried out at each meeting by observation and / or self-assessment techniques using the assumption that basically every student has a good attitude. The student is given a value of very good or not good attitude if they show it significantly compared to other students in general. The result of attitude assessment is not a component of the final grades, but as one of the requirements to pass the course. Students will pass from this course if at least have a good attitude. The final mark will be weight as follow:</p> <table border="1"> <thead> <tr> <th>No</th> <th>CO</th> <th>Assessment Object</th> <th>Assessment Technique</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CO 2</td> <td>Presentation</td> <td>Observation</td> <td>20%</td> </tr> <tr> <td rowspan="4">2</td> <td rowspan="4">CO 3, CO 4, and CO 5</td> <td>a. Individual Assignment</td> <td rowspan="4">Written test</td> <td>10%</td> </tr> <tr> <td>b. Group Assignment</td> <td>10%</td> </tr> <tr> <td>c. Quiz</td> <td>30%</td> </tr> <tr> <td>d. Final Exam</td> <td>30%</td> </tr> <tr> <td colspan="4">Total</td> <td>100%</td> </tr> </tbody> </table>	No	CO	Assessment Object	Assessment Technique	Weight	1	CO 2	Presentation	Observation	20%	2	CO 3, CO 4, and CO 5	a. Individual Assignment	Written test	10%	b. Group Assignment	10%	c. Quiz	30%	d. Final Exam	30%	Total				100%
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Total				100%																							
Forms of media:	Board, LCD Projector, Laptop/Computer																										
Literatures:	<ol style="list-style-type: none"> 1. Ho Thi Phuong & Le Thi Kieu Van. 2003. <i>English for Mathematics</i>. Ho Chi Minh City: Ho Chi Minh City University of Education. 2. Lawrence A. Chang, Ph.D. 1983. <i>Handbook for Spoken Mathematics</i>. California: Lawrence Livermore Laboratory. 3. Videos related to Mathematics 4. Articles related to Mathematics 																										

PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CO1		✓										
CO2				✓								
CO3					✓							
CO4							✓					
CO5										✓		