UNIVERSITAS NEGERI YOGYAKARTA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF MATHEMATICS EDUCATION
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Bachelor of Science in Mathematics

Module name:	English for Mathematics
Module level,if applicable:	Undergraduate
Code:	MAT6224
Sub-heading,if applicable:	-
Classes,if applicable:	-
Semester:	5th
Module coordinator:	Sahid, M.Sc
Lecturer(s):	Sahid, M.Sc.
Language:	English
Classification within the curriculum:	Compulsory Course
Teaching format / class hours perweek 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.
Creditpoints:	2
Prerequisites course(s):	-
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 mathematicscontext. Selected articles or research publications in mathematicsare 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:	CO1: 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 attitudeif 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:

No	CO	Assessment Object	Assessment Technique	Weight
1	CO 2	Presentation	Observation	20%
2	CO 3, CO 4, and CO 5	a. Individual Assignment b. Group Assignment c. Quiz d. Final Exam	Written test	10% 10% 30% 30%
			Total	100%

Forms of media:	Board, LCD Projector, Laptop/Computer
Literatures:	1. Ho Thi Phuong & Le Thi Kieu Van. 2003. *English for Mathematics.* Ho Chi Minh City: Ho Chi Minh City University of Education.

	2. Lawrence A. Chang, Ph.D. 1983. *Handbook for Spoken Mathematics.* 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
CO1		✓								
CO2				✓						
CO3					✓					
CO4							✓			
CO5										✓