



**MINISTRY OF EDUCATION, CULTURE, RESEARCH, AND TECHNOLOGY**  
**UNIVERSITAS NEGERI JAKARTA**  
**FACULTY OF MATHEMATICS AND NATURAL SCIENCE**

Jl. Rawamangun Muka, RT 11/RW14, Rawamangun, Pulo Gadung  
 East Jakarta City, Special Capital Region Of Jakarta 13220  
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## English for Mathematics I

<b>Module designation</b>	English for Mathematics I
<b>Semester(s) in which the module is taught</b>	II (Even Semester)
<b>Person responsible for the module</b>	Dr. Pinta Deniyanti Sampoerno, M.Si. Dr. Meiliasari, S.Pd., M.Sc.
<b>Language</b>	Indonesian and English Language
<b>Relation to curriculum</b>	This course is a compulsory course and is offered in the 2 <sup>nd</sup> semester.
<b>Teaching methods</b>	Teaching methods used in this course are: - Lecture (i.e., group investigation, small group discussion, casestudy, and video-based learning) - Structured assignments (i.e., essays and case studies) - Writing for assignments.  The class size for lecture is 20 students. Contact hours for lecture is 26,67 hours, assignments are 32 hours, and private study is 32 hours.
<b>Workload</b>	For this course, students required to meet a minimum of 90,66 hours in one semester, which consist of: 26,67 hours for lecture, 32 hours for structured assignments, 32 hours for private study,
<b>Credit points</b>	2 sks x 1,5 = 3,0 ECTS
<b>Required and recommended prerequisites for joining the module</b>	Students should have attended all lectures and submitted all scheduled individual and group assignments prior to the final examination.
<b>Module objectives/intended learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Mahasiswa mampu menggunakan Bahasa Inggris yang berkaitan dengan bilangan dan operasinya.</li> <li>2. Mahasiswa mampu menggunakan Bahasa Inggris yang berkaitan dengan topik logika dan himpunan.</li> <li>3. Mampu menggunakan Bahasa Inggris yang berkaitan dengan topik aljabar.</li> <li>4. Mahasiswa mampu menggunakan Bahasa Inggris yang berkaitan dengan topik geometri.</li> <li>5. Mahasiswa mampu menggunakan Bahasa Inggris yang berkaitan dengan topik kalkulus.</li> </ol> Mahasiswa mampu menggunakan Bahasa Inggris yang



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	berkaitan dengan topik probabilitas dan statistik.
<b>Content</b>	<p><b>Siswa akan belajar tentang:</b></p> <ol style="list-style-type: none"> <li>1. Mengenal dan memahami istilah-istilah matematika dalam bahasa Inggris,</li> <li>2. Mengucapkan dengan benar istilah-istilah matematika dalam bahasa Inggris,</li> <li>3. Menuliskan istilah-istilah matematika dalam bahasa Inggris,</li> <li>1. Menjelaskan istilah-istilah matematika dalam bahasa Inggris.</li> </ol>
<b>Examination forms</b>	Assessment of the learning process follows the following components: activity 10%; individual assignments 25%, and group presentations 30%; mid test 15%, and final report 20%.
<b>Study and examination requirements</b>	<p><b>Study and examination requirements:</b></p> <ul style="list-style-type: none"> <li>- Students must attend 15 minutes before the class starts.</li> <li>- Students must switch off all electronic devices.</li> <li>- Students must inform the lecturer if they will not attend the class due to sickness, etc.</li> <li>- Students must submit all class assignments before the deadline.</li> </ul> <p>Students must attend the exam to get a final grade.</p>
<b>Reading list</b>	<ol style="list-style-type: none"> <li>1. Saying Math: <a href="http://www.batmath.it/eng/say/say.htm">http://www.batmath.it/eng/say/say.htm</a></li> <li>2. Ed Kohn, Cliffs, Quick Review: Geometry, Hungry Minds, Inc., New York, 2001</li> <li>3. Stan Gibilisco, Trigonometry Demystified, Mc Raw-Hill, New York, 2003</li> <li>4. Allan G. Bluman, Probability Demystified, Mc Raw-Hill, New York, 2005</li> <li>5. Stan Gibilisco, Statistics Demystified, Mc Raw-Hill, New York, 2004</li> <li>6. Allan G. Bluman, Pre-Algebra Demystified, Mc Raw-Hill, New York, 2004</li> <li>7. Debra Anne Ross, Master Math: Pre-Calculus and Geometry, The Career Press, Franklin Lakes, 1996</li> <li>Howard Anton, Linear Algebra, 2014.</li> </ol>