

Code of Subject Lesson : PMA209

SUBJECT LESSON : English for Mathematics Education II

DESCRIPTION : The lesson is related to willingness, attitude, knowledge, skill and experiences to communicate Mathematics, Teaching Learning of Mathematics and Mathematics Education in English

Lecture : Dr. Marsigit, M.A.

| Competence   | Outcome  |
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| To communicate Mathematics in English  | 1.1 To communicate Algebra using right, good and standard English<br>1.2 To communicate Geometry using right, good and standard English<br>1.3 To communicate Statistics using right, good and standard English<br>1.4 To communicate Arithmetic using right, good and standard English<br>1.5 To communicate Calculus using right, good and standard English                      |
| To communicate in English the teaching learning of mathematics                                   | 2.1 To communicate School Mathematics using right, good and standard English<br>2.2 To communicate School Mathematics using right, good and standard English<br>2.3 To communicate Teaching Learning Process of Primary Mathematics using right, good and standard English<br>2.4 To Communicate Teaching Learning of Secondary Mathematics using right, good and standard English |
| 3. To communicate the theories of Mathematics Education using English                            | 3.1 To communicate the theories of learning mathematics using right, good and standard English<br>3.2 To communicate the theories of teaching mathematics using right, good and standard English   |
| 4. To produce limited scientific paper related to Mathematics Teaching and Mathematics Education | 4.1 To produce limited scientific paper related to mathematics<br>4.2 To produce limited scientific paper related to learning mathematics<br>4.3 To produce limited scientific paper related to teaching mathematics   |

Variables to be defined:

1. Variable Context :

The communication of mathematics, mathematics teaching and learning and Mathematics educations consists of reading, writing, translating, speaking and listening

2. Resources, teaching aids and facilities for communicating mathematics, mathematics teaching and learning and mathematics education are in line with the variables context

3. The assignment for communicating mathematics, mathematics teaching and learning and mathematics education cover the following:

3.1 Reading activities about any kinds of resources related to mathematics, mathematics teaching and learning and mathematics education

3.1 Writing activities about any kinds of materials related to mathematics, mathematics teaching and learning and mathematics education

3.1 Translating activities about any kinds of resources related to mathematics, mathematics teaching and learning and mathematics education

3.1 Speaking activities about any kinds of resources related to mathematics, mathematics teaching and learning and mathematics education

3.1 Listening activities about any kinds of resources related to mathematics, mathematics teaching and learning and mathematics education

4. Evaluation:

1. Q/A Test
2. Written Test
3. Speaking Test
4. Mid Semester Evaluation
5. Final Evaluation

Reference:

1. Marsigit dkk, 2008, Matematika SMP K1 7, 8, 9, Bogor: Quadra
2. Marsigit dkk, 2008, Matematika SMA K1 10, 11, 12, Bogor: Quadra
3. Marsigit, 2008, Mathematics for Junior High School 1, Bogor: Yudistira
4. Marsigit, 2008, Mathematics for Junior High School 2, Bogor: Yudistira
5. Marsigit, 2008, Mathematics for Junior High School 3, Bogor: Yudistira