LESSON PLAN

1. Faculty /Study Program : MIPA/Mathematics Education
2. Subject & Code : Solid Geometry/MAA 310
3. The number of credit : 2 theory, 1 practice
4. Semester and Duration : 3, 1x100 minutes
5. Based Competency : Understand concepts of basic geometry objects
6. Achievement Indicator :
   - Student can investigate the relations among basic geometry objects
7. Material : Basic geometry objects
8. Lecture Activity : 2

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| Introduction   | 1. Motivating the students by showing the problems in daily life related to geometry objects.  
                  2. Stating the competency that the students have to attain and its indicators. | 3'       |        |               |            |
|                |                                                                           | 2'       |        |               |            |
| Main Activities | 1. The teacher explains the material                                      | 20'      | Discussion | LCD, handout, worksheet | ABC        |
|                | 2. The students work in a group to discuss undefined terms and their relations | 30'      |        |               |            |
|                | 3. Some groups present their results of discussion and other groups give some comment or questions, and the teacher acts as a moderator. | 30'      |        |               |            |
| Closing Activity | Conclude the discussion                                                  | 10'      |        |               |            |
| Further Activities | Invite the students to ask and give the task                             | 5'       |        |               |            |

9. Evaluation
   The evaluation is performed based on the student activities in discussion, doing exercise.

10. References
    B. Wentworth, G and Eugene Smith, D. Solid Geometry. Ginn and Company

Yogyakarta, September 2010
Lecturer

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