



**YOGYAKARTA STATE UNIVERSITY
MATHEMATICS AND NATURAL SCIENCE FACULTY**

LEARNING CONTRACT

Course & Code : Computer Application, MAA 311
 Credit Hours : Theory : 2 Practicum : 1
 Study Program : Mathematics Education
 Semester : II
 Schedule & Place : Monday, 09.00-10.40 &, Wednesday, 09.00-10.40
 Computer Laboratory 2nd floor
 Lecturer : Sri Andayani, M.Kom

Week	Material	Assign ment	Quiz	Progre ss test	Final exam	Attenda nce
1	Introducing some mathematics softwares	1	3	1	1	≥ 75 %
2	Computer application for manipulating matrix using MATLAB					
3	Computer Application In Basic Mathematics Function Using MATLAB					
4	Computer Application For Solving Systems Of Linear Equations					
5	Computer Application For Handling Polynomial					
6	Computer Application For Drawing 2D Graph					
7	Computer Application For Finding Maximum And Minimum Value Of a Function					
8	Progress test 1					
9	Computer Application For Drawing 3D Graph	1	3	1		
10	Computer Applications For Handling Symbolic Expression					
11	Using Scripts M-File					
12,13	Control Flow					
14,15	Logical Flow					
16	Progress test 2					

EVALUATION METHODS

Course grade will be based on assignment (15%), lecture participation (15%), practicum (20%), Progress test (25%), and final test (25%).

Yogyakarta. 14 February 2011

Lecturer

Student

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NIM.

