



**Sirindhorn International Institute of Technology
Thammasat University at Rangsit**

Academic Program: Department of Common and Graduate Studies

MAS 116: Problem Set 1

Semester/Year: 3/2008

Course Title: MAS116 (Mathematics I)

Instructor: Dr. Prapun Suksompong (prapun@siit.tu.ac.th)

Textbook: Howard Anton, Irl Bivens, and Stephen Davis, *Calculus*, 8th Edition, Wiley (2005).

Due date: April 10 (Friday)

Section 1.1: 4, 10, 32

Section 1.3: 30, 34, 38, 40, 50, 54, 64, 65, 75

Section 1.4: 22

Section 2.1: 2, 4

Section 2.2: 8, 10, 16, 20, 30, 36, 38, 40

Remarks:

1. Only ten of the above problems will be graded. Of course, you do not know which problems will be selected; so you should work on all of them.
2. Late submission will not be accepted.
3. You are encouraged to work with other students on the homework; however, you must write down your own solutions in your own words. Submitted solutions that are obviously copied from one another will not be accepted and will be considered a violation of academic integrity.
4. Write down all the steps that you have done to obtain your answers. You will not get full credit even when your answer is correct without showing how you get your answer.

Please submit all homework in the MAS116 box in front of the CGS Department which is located on the 3rd floor of RS building.