

بسم الله الرحمن الرحيم



Palestine Technical University
Faculty of Science & Technology
Department of Applied Mathematics

Course Name : Calculus II .

Instructor, Mr. Mohammad Mousa.

Textbook : Thomas Calculus, 11th Edition , by Weir, Hass Giordan

Evaluation: - First Exam : 30%- Second Exam : 30%- Final Exam : 40%

Course outline :

Chapter	Contents
Chapter six	Application of definite integral 1,2,3
Chapter seven	Transcendental Functions 1-8
Chapter eight	Techniques of Integration 1-5,8
Chapter ten	Conic Section1,2
Chapter eleven	Infinite Sequences and Series 1-10

Assigned problem:

section	Problems
6.1	7,10,15,16,24,26,35,45,48,54
6.2	5,6,11,24,30,31,32,34,35
6.3	4,6,11,13,16,19a and b ,22 a and b,23,27
7.1	2,7,16,30,32,38,49
7.2	2,3,22,35,47,54,66,70,72
7.3	4,9,16,21,26,35,44,51,61,67,72
7.4	4,9,14,28,43,46,51,61,69,73
7.5	8,17,19
7.6	2,6,7,20
7.7	2,5,15,19,27,39,41,51,61,72,81,98,99,109,113,134
7.8	4,10,15,23,35,37,49,53,57,60,69,73,75
8.1	2,7,8,35,37,42,45,47,55,59,63,82,83,96
8.2	2,7,18,23,29,30,43
8.3	13,18,25,33,38,46
8.4	2,10,16,19,24,33,37,45
8.5	2,6,11,16,19,31,38,43,64
8.8	3,4,10,26,32,36,40,41,50,64,45,80
10.1	9,13,19,26,33,38,44,64,70
10.2	6,10,16,21,32,33,39
11.1	12,19,24,29,32,37,45,50,59,81,84,88,102,104
11.2	3,5,10,13,16,20,25,28,32,34,36,39,43,48,52,66
11.3	3,9,12,15,18,21,23,26,31,34
11.4	2,4,7,15,20,27,29,35,38
11.5	2,4,9,12,15,19,24,25,28,29,30,33,39,45
11.6	2,4,8,13,16,25,27,36,40,46,51
11.7	2,8,13,19,21,28,35,39,41,42
11.8	2,6,12,25,26,28
11.9	4,11,19,20,23,24,27,32,35
11.10	2,5,8,13,16,17,18,24