



Birzeit University-Mathematics Department
Math1321-Calculus II

Course Outline

Summer 2016-2017

Textbook: Thomas G., M. Weir and J. Hass, Thomas' Calculus.
Twelfth Edition, Addison-Wesley

Course Material:

Chapter	Topics	Sections
Ch.10	Infinite Sequences and Series	1-10
Ch.11	Parametric Equations, Polar Coordinates, Conic Sections	1-6
Ch.12	Vectors and the Geometry of Space	1-6
A.7	Complex Variables	A7

Grading Policy

Two-Hour Exams	55%
Final Exam	45%

Section	Lecture Problems	Discussion Problems
Chapter 10-Infinite Sequences and Series		
10.1	10,18,32,41,50,59,60,69,75,84,92	
10.2	6,14,18,24,32,38,44,50,62,63,78,90	
10.3	6,13,22,28,32,38,40	
10.4	8,15,18,27,28,32,40,43,52	
10.5	7,12,16,20,28,38,43,46,60	
10.6	8,13,20,25,30,39,42,50	
10.7	4,12,14,23,29,32,40,46	
10.8	3,13,20,22,27,32	
10.9	10,12,18,26,35,37,41	
10.10	10,16,26,30,33	
Chapter 11-Polar Coordinates		
11.1	2,10,14,18,22	
11.2	7,14,20,23,26	
11.3	1,6,7,14,22,26,32,38,42,52,62	
11.4	1,6,8,19,21,28	
11.5	6,9,13,16,21,23	
11.6	10,12,20,26,28,32,36,38	
Chapter 12-Vectors and the Geometry of Space		
12.1	8,12,14,20,26,30,36,43,56,64,65	
12.2	7,10,15,18,22,25,33,40,42	
12.3	5,10,17,20,31,33,45	
12.4	3,16,20,23,27,34,40,45	
12.5	2,6,9,20,22,25,28,32,35,44,46,54	
12.6	1-12	
Appendix A.7 Complex Numbers		
A.7	2,7,9,10,13,19,24	