

MATH 102 Calculus and Analytic Geometry II

Spring 2016-2017

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Class: M-W-F 12AM-12:50AM, NICELY 415.

Office Hours: Monday 13:15AM-14:00AM, Wednesday 11:00AM-11:45AM or by appointment.

Textbook: *Thomas's Calculus*, 12th edition, G. Thomas, M. Weir, and J. Hass.

Exams dates: The exams are tentatively scheduled as follows

- Exam 1: Friday February 24, 6:30PM-7:30PM, room to be announced later.
- Exam 2: Friday March 24, 6:30PM-7:30PM, room to be announced later.
- Final exam: to be announced later.

Grading: Grades will be determined using the following formula:

Exam 1 (25%), Exam 2 (25%), Final Exam (50%),

See the "Examination and Quizzes" section in the undergraduate AUB catalogue p.45.

Important: Final grades will be assigned with a curve that will not be determined before the final exam. Pop up quizzes will be given in the lecture and will count as bonus in the final grade.

Attendance: You are expected to attend every lecture. Attendance in recitation sessions is mandatory and will be taken. Multiple unexcused absences will be penalized in the final grade. Exam problems will strongly reflect material presented during lectures.

Important: In case you know that you will be absent, please let me know ahead of time.

Electronic Devices: The use of personal electronic devices is not allowed in the classroom. However, permission can be granted in case you use such a device to take lecture notes.

Accessibility: If you experience academic barriers due to a disability, please inform me. You are also encouraged to contact the accessible education office (accessibility@aub.edu.lb, ext. phone: 3246, West Hall 314).

Further Help: The Department of Mathematics has a free drop-in tutorial service, the Math Clinic, that runs every weekday.

Homework: Although homework will not be due, some problems from the following list will be solved during lectures, recitation sessions or office hours. In case you need extra work, please meet me during my office hours or by appointment.

<i>Section</i>	<i>Suggested problems</i>
7.1	1-5, 7-10, 19, 20, 21, 25, 28, 31-33, 35-44
7.2	1-4, 6, 7, 10, 11,13,14,21,24,33-36,38,43, 44,47-49,53,54,65,67,68
7.3	2, 3, 8, 10, 11, 14, 15, 23,32, 35, 36, 39, 40, 43, 47, 50, 55, 73, 91,101,112
7.4	5-21 (odd)
7.5	3, 5, 14, 24, 27, 29, 44, 46, 47, 49, 50, 53, 57, 62
7.6	1,3,5,7, 9, 11, 34, 42,44,50, 54, 58, 67, 75, 76, 81, 90
7.8	1, 3, 5, 7, 9, 10, 17, 18
8.1	1, 5, 9, 11, 14, 20, 24, 25, 30, 37, 42, 50
8.2	1, 9-12, 17, 19, 21-24, 26, 29, 30, 33, 35, 37, 46, 55
8.3	1, 4, 5, 7, 9, 12, 15, 21, 23, 29-36
8.4	9, 12-16, 19, 20, 23, 25, 28, 35, 39, 47
8.7	2, 3, 7, 10, 17, 30, 31, 32, 41-65(odd)
11.1	1, 3, 5, 11, 14, 16, 21
11.2	1, 5, 17, 25, 27, 29
11.6	1-8, 11, 13, 15, 19, 21, 23, 25, 33, 37, 38
12.1	5, 9, 13, 15, 19, 27, 29, 41, 44, 45, 47
12.2	3, 5, 8, 9, 11, 14, 19, 21, 23-25, 30-34, 37-41
12.3	1, 3, 5, 7, 11, 13, 27, 29, 30, 31, 32
12.4	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 40, 47
12.5	1, 3, 5, 7, 9, 11, 15, 19, 21-29, 31-33, 37, 43-48, 55, 57, 59
13.1	1-5, 8-13, 15, 17, 19, 21, 22
13.3	1, 3, 5, 7, 9, 11-14
13.4	1-4, 9, 11, 13
13.5	1,3,5,7,9,11,13