

MATH 102 Calculus and Analytic Geometry II

Spring 2018–2019

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Class: M,W,F 9AM–9:50AM, NICELY 211.

Office Hours: M,W,F 11AM–12PM, or by appointment.

Textbook: *Thomas's Calculus*, 13th edition, G. Thomas, M. Weir, and J. Hass.

Exams dates: The exams are tentatively scheduled as follows:

- Exam 1: Friday March 1, 6:30PM–7:30PM, room to be announced later.
- Exam 2: Friday April 5, 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%), + up to 5 points from pop-up quizzes.

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

Important: Pop-up quizzes will be given in the lecture and will count as bonus in the final grade.

Important: Final grades will be assigned with a curve that will not be determined before the final exam.

Attendance: You are expected to attend every lecture and recitation sessions. 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 per email.

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 recitation sessions.

<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
8.2	1, 5, 9, 11, 14, 20, 24, 25, 30, 37, 42, 50
8.3	1, 9-12, 17, 19, 21-24, 26, 29, 30, 33, 35, 37, 46, 55
8.4	1, 4, 5, 7, 9, 12, 15, 21, 23, 29-36
8.5	9, 12-16, 19, 20, 23, 25, 28, 35, 39, 47
8.8	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