

MATH 101 Calculus and Analytic Geometry I

Fall 2017-2018

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Class: M-W-F 08:00–08:50 AM, Nicely 415.

Office Hours: M-W-F 09:00-10:00 AM

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 October 6, 18:30PM–19:30PM, room to be announced later.
- Exam 2: Friday November 3, 18:30PM–19:30PM, 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.

Accessibility: AUB strives to make learning experiences accessible for all. If you anticipate or experience academic barriers due to a disability (such as ADHD, learning difficulties, mental health conditions, chronic or temporary medical conditions), please do not hesitate to inform the Accessible Education Office. In order to ensure that you receive the support you need and to facilitate a smooth accommodations process, you must register with the Accessible Education Office (AEO) as soon as possible: accessibility@aub.edu.lb; +961-1-350000, x3246; 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>
1.1	3-10,16-20,24,26,28,29, 30b,31,36
1.2	1,2,5,8,11,14,16,17,21,23,27,32,35,39,47,55,57,58,65,69,75
1.3	5,6,8,10,12,14,20,32,34,36,43,44
2.2	1,3,5,6,9,15,18,21-24,28,30,32,33,36,38,40,42,47,49,51,53,60,61,63,65a,66a,78,79
2.3	2,3,7,10,16,18,25,31,33,34,38,47,49
2.4	1-5,9,12,13,16,18,22,23,25,29-37,41,49
2.5	1-6,8,14,16,19,22,23,26,30,41,44,46,61,65
2.6	1,5,8,11,13,16,19,22,23,30,36,39,45,48,49,50,55,57,60,81,84
3.1	7,8,13,18,21,24,26,33,34,36
3.2	2,6,8,9,13,16,21,23,26-31,40,44-50,53
3.3	5,8,12,16,18,24,26,27,29,31,38,42,44,48,51,54a,59
3.5	1-3,7,11,12,14,16,19,22,23,25-27,34,36,38,47, 49,50,54,57,58
3.6	2,3,6,9,11,14,17,20,22,23,25,29,31-33,36,39,40,43,50,51,58,62,66,70,71,73,78,80
3.7	3,6,8,13,17,23,26,28,31,38,39,43,45
4.1	3,4,6,9,11-15,17,24,26,29,30,32,35,38,41,45,48,52,53,55,58,63,66,68,69,74
4.2	3,4,6,11,15,16-18,21,24,25,28,29,31,33,35,45,47,58,59,61,62,63
4.3	3,5,8,9,13,16,19,33,35,41ab,44-46ab,57a,61a,67,69,70
4.4	2,3,8,9,11,20,27,43,49,59,63,68,75,83,101,102
4.7	5,7,8,10,12,16,19,22,24,26,27,32-34,37,46,49,55,59,63,67,73,75,83,85
5.2	1,4,5,13,16,19,22,24,28,32,34,40,46
5.3	3-5,9,10,14,16-20,22,24,26,28,30,31,36,43,44,48,52,54,64,71
5.4	2,4,6,8,10,12,14,16,18,20,22,24,26,27,30,36,39,40,42,45,48,62-65
5.6	1-4,6,8,13,16,24,30,35,36,42,44,46,49,52,54,78,86
6.1	1,2,4,6,21,22,24,27,37,39,45-49,51
6.2	2,4-6,8,10,19,22,23,30-32,34-36
6.3	1,5,10-13,18,20