

MAT 295 M 001 Calculus I Summer I 2018 Syllabus

Instructor: Jasim Ismaeel

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Office Hours: M W 10:40-11:40 T Th 2:15-3:15 or by appointment

Class Meetings: M T W Th 11:45-2:10 in Carnegie 119.

Textbook: Essential Calculus Early Transcendentals, 2nd edition by James Stewart

Course Description: MAT 295 is the first course in a three-semester sequence in Calculus. This sequence is designed for mathematics, science and engineering majors and for those students in other majors who intend to take more advanced courses in mathematics. This course covers functions, limits, differentiation, and integration as well as applications such as curve sketching, optimization, and computation of areas.

Prerequisite: A grade of C- or better in MAT 194, or its equivalent, is required. During the first week of class a readiness test will be given; those who do not do well should strongly consider taking a precalculus course such as MAT 194 instead of MAT 295.

Credit: You cannot receive credit for MAT 284 and MAT 285 after completing MAT 295. In addition, you cannot receive credit for MAT 295 after completing MAT 286. Students who receive a grade of C or better in MAT 295 are exempt from the Quantitative Skills requirement in the Liberal Arts Core. MAT 295 may also be used to partially satisfy the Natural Sciences and Mathematics Divisional Requirement.

Calculators and Cell phones: A calculator is not required for this course. If you would like to use a calculator, a TI84 or TI-83 is recommended. The use of a calculator will not be allowed during quizzes and exams. All electronic devices other than the calculator should be turned off and put away during class.

Course Supervisor: Please inform your **instructor** of any problems that you have with this course. Problems not satisfactorily resolved with your instructor should be brought to the attention of the course supervisor Dr. Dan Zacharia. Email: zacharia@syr.edu.

Class Attendance and Participation: You are expected to attend and participate in classroom activities regularly. Your success in the course will be affected by your attendance and participation in the class. In case you miss a class, you are responsible for obtaining notes for that class from a student who attended. It is your responsibility to find out about any announcement concerning class meetings, homework, quizzes or exams that were made during the class.

Homework Policy: Homework will be periodically assigned, collected, and returned to the students in class. No late homework will be accepted.

Quiz Policy: There will be a short quiz in every lecture except on the exams days. No makeup quizzes will be given. In case you miss a quiz with a valid excuse the corresponding grade will be dropped.

Exams Policy: Two 1 hour exams will be given on the following dates

- Exam 1: Monday 4th June 2018.
- Exam 2: Monday 18th June 2018.

No make-up exams will be given.

Final Exam Policy: The final exam will cover everything and will be given in the last lecture, 28th June 2018 from 12 to 2 pm.

Grading Policy: To find your final class grade at the end of the semester, add all your points weighted to the percentages in the left table, and then find the corresponding percentage in the right table below.

<i>Category</i>	<i>Weight</i>
Homework	10%
Quizzes	10%
Exam 1	25%
Exam 2	25%
Final Exam	30%

<i>Score</i>	<i>Letter</i>
93-100%	A
90-92%	A-
87-89%	B+
83-86%	B
80-82%	B
77-79%	C+
73-76%	C
70-72%	C-
60-69%	D
0-59%	F

Students with Disabilities: If you believe that you need accommodations for a disability, please contact the Office of Disability Services (ODS), <http://disabilityservices.syr.edu>, located in Room 309 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating disability-related accommodations and will issue students with documented disabilities Accommodation Authorization Letters, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible. You are also welcome to contact me privately to discuss your academic needs although I cannot arrange for disability-related accommodations. Making arrangements with ODS takes time. Do not wait until just before the first exam.

Academic Integrity: The Syracuse University Academic Integrity Policy holds students accountable for the integrity of the work they submit. Students should be familiar with the Policy and know that it is their responsibility to learn about instructor and general academic expectations with regard to proper citation of sources in written work. The policy also governs the integrity of work submitted in exams and assignments as well as the veracity of signatures on attendance sheets and other verifications of participation in class activities. Serious sanctions can result from academic dishonesty of any sort. For more information and the complete policy, see http://supolicies.syr.edu/ethics/acad_integrity.htm

Getting Help: Your instructor will be holding regular office hours and will make appointments with students having class conflicts with their scheduled office hours. In addition, the Mathematics Department offers regular math clinics. These will be set up by the second day of classes and will be posted outside the math office.

Tentative Class Schedule:

Week	Day	Date	Topics Covered
1	M	21 May	1.1 + 1.2 + 1.3 + 1.4
	T	22 May	1.5 + 1.6
	W	23 May	2.1 + 2.2
	Th	24 May	2.3 + 2.4
2	M	28 May	Memorial day – no class
	T	29 May	2.5 + 2.6
	W	30 May	2.7
	Th	31 May	2.7 + Review
3	M	4 June	Exam 1 + 3.1 + 3.2
	T	5 June	3.3 + 3.5
	W	6 June	3.7
	Th	7 June	4.1 + 4.2
4	M	11 June	4.3 + 4.4
	T	12 June	4.5
	W	13 June	4.5
	Th	14 June	4.7 + review
5	M	18 June	Exam 2 + 4.7
	T	19 June	5.1 + 5.2
	W	20 June	5.3
	Th	21 June	5.3 + 5.4
6	M	25 June	5.5
	T	26 June	5.5
	W	27 June	Catch Up
	Th	28 June	Final Exam 12-2