

# Syllabus for Calculus I

## MAT 295 - Section M002

### Summer Session II 2017

Course Meetings: MTWTh, 12:00PM – 2:25PM, Carnegie 122

Instructor: Keshab Raj Adhikari

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Office Hours: MTWTh 10:45AM – 11:45AM, or by appointment. Note that these hours may change based on the needs of the class. This will be discussed during the first week of class.

**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 courses that are more advanced in mathematics. This course covers functions, limits, differentiation, and integration as well as applications such as curve sketching, optimization, linear approximation, and computation of areas.

**Prerequisite:** Students should have a strong foundation in Algebra and Pre-calculus. Any student, who falls behind early on in the course, particularly in the first week, but preferably no later than the academic drop deadline of July 26, should consider taking a pre-calculus course such as MAT 194 or MAT 193 before or instead of MAT 295. For those who have taken Pre-calculus classes at Syracuse University, a grade of C- or better in MAT 193 or MAT 194 is required to take MAT 295.

**Credit:** The course material for MAT 295 overlaps with that of MAT 284, MAT 285, and MAT 286, therefore credit cannot be given for both MAT 295 and these courses. 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 Divisional Perspectives requirement. See the Liberal Arts Core Handbook for details on prerequisites and general education requirements.

**Calculators:** A calculator is not required for this course. If you would like to use a calculator, a TI-84 or TI-83 is recommended. The use of a calculator will not be allowed during quizzes and exams.

**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 immediately.

**Course Supervisor:** Dr. Dan Zacharia. Email: [zacharia@syr.edu](mailto: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/Quizzes:** Homework will be regularly assigned, collected, and returned to the students in class. Quizzes will be given every Tuesday and the Thursdays, when there is no exam scheduled.

**Examinations:** There will be two in-class midterm exams and a final exam according to the following schedule.

Exam I	July 13, 2017
Exam II	July 27, 2017
Final Exam	August 10, 2017

There will be no make-ups for the midterm exams or the final. The final grades will be computed as follows:

Exam I and II	20%
Homework	15%
Quizzes	15%
Final Exam	30%

To find your final class grade at the end of the summer class, add all your points weighted to the previous percentages, and then find your letter grades according to the corresponding percentage in the table below.

93-100	A	77-79	C+
90-92	A-	73-76	C
87- 89	B+	70-72	C-
83-86	B	65-69	D
80-82	B-	0-64	F

**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 classroom 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](http://supolicies.syr.edu/ethics/acad_integrity.htm)

**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 test.

**Religious Observances Policy:** SU Religious Observances Policy recognizes the diversity of faiths represented among the campus community and protects the rights of students, faculty, and staff to observe religious holidays according to their tradition. Under the policy, students are provided an opportunity to make up any examination, study, or work requirements that may be missed due to a religious observance provided they notify their instructors before the end of the second week of classes. For fall and spring semesters, an online notification process is available through MySlice (Student Services -> Enrollment -> My Religious Observances) from the first day of class until the end of the second week of class.

[http://supolicies.syr.edu/studs/religious\\_observance.htm](http://supolicies.syr.edu/studs/religious_observance.htm)

**Cell Phones:** All electronic devices other than the calculator should be turned off and put away during class. Calculators on cell phones are not to be used on tests or quizzes.

**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 (i.e. Carnegie 215).