MAT 296 Calculus II
Summer I 2018 Syllabus

Instructor: Fernando Betancourt-Vélez
Office: 400 Carnegie
Email: febetanc@syr.edu
Office Hours: T Th 9:30-10:30 or by appointment
Class Meetings: M T W Th 12:00-2:25 in Carnegie 115.
Textbook: Essential Calculus Early Transcendentals, 2nd edition by
James Stewart

Course Description: MAT 296 is the second 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 techniques of integration, applications of integration in a
variety of contexts, exponential growth and decay, improper integrals,
parametric curves in the plane, polar coordinates, sequences and series
(including power series, Taylor and Maclaurin series), this are chapters
6,7,8,9 on the text.

Course restriction and Prerequisites: Completing MAT 295 (Calculus
I) with a grade of C- or better is a prerequisite for MAT 296 (Calculus
II). If you have not satisfied this prerequisite, you must drop MAT 296
and register for MAT 295 . Students who earned a C or less in MAT
295 are at great risk in MAT 296. For these students it is important to
review material from earlier courses, especially as it comes up again.
At the same time, it is also vital not to fall behind with the current
material. Students who have scored a 4 or 5 on the Advanced
Placement Calculus BC exam cannot receive both AP credit and credit
for MAT 296.

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 **<u>instructor</u>** 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: This is a Summer session course so that each class is equivalent to roughly two Fall semester classes. It is then essential to your success in this course that you attend each lecture and participate in the discussions. Therefore, you are expected to attend each lecture and to show up on time. Should you need to miss a class for any reason, you are to contact the instructor in a timely manner. Reasons for missing lecture must be documentable, especially if we have a quiz, and presented if requested. You are responsible for any material covered during the lecture as well as any work assigned during the lecture.

Schedule: Schedule is tentative and would be added to blackboard. The goal of the course is to start reviewing section 5.5 and continue from that until section 9.4.

Homework and Quizzes: Homework will be given daily, but it will not be collected. There are going to be quizzes two times a week mostly Tuesdays and Thursdays at the final 15 minutes of the lecture. Quizzes are going to based on homework and material given in lecture.

Tests: There will be two exams, each accounting for 25\% of your final grade. There will be no makeup tests and quizzes. However, for excused absences, the corresponding portion of the final exam will be used in place of the missing test score. The final exam is comprehensive and accounts for 30\% of the final grade.

Exams Policy: Two 1.30-hour exams will be given on the following dates
- Exam 1: Thursday 7th June 2018.
- Exam 2: Thursday 21 June 2018.
No make-up exams will be given.

Final Exam Policy: The final exam will cover everything and will be given in 29th 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.

Category	Weight
Quizzes	20%
Exam 1	25%
Exam 2	25%
Final Exam	30%

Score	Letter
93-100%	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

Important Dates: Summer at Syracuse (University Collge) is not publishing the deadlines this summer. With so many flexible format classes, departments and students were not aware of the correct deadlines, which caused confusion for everyone. They are publishing information on how students can find their own deadlines. Below is that information.

1. MySlice to Class to Search (to locate deadlines before your register)

2. MySlice to Enrollment to View My Class Schedule (to locate deadlines after you are registered)

3. MySlice to Finances to View Financial Deadlines (to locate deadlines after you are registered)

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.