

Calculus II: MA132

Syllabus Summer 2007

Time and Location: SC 344, M–F 8:00–9:30 am

Instructor: Nina Dokeva (Science Center 385, (315) 268-2388, ndokeva@clarkson.edu)

Office hours: SC 385, M–F 10:00–11:00 am

Text: Calculus Early Transcendentals, 5 ed. by James Stewart and student's solution manual

Course Description and Objectives:

The course will cover techniques of integration and applications of integration, such as area, volume, arc length, work, and first order differential equations. The course also covers sequences and series, including various convergence tests, and Taylor series. The *prerequisite* for this course is Math 131 or equivalent.

Grading Policy:

Your grade will be computed as follows:

20 % Homework

10 % Quizzes

5 % Computer project — using either EXCEL, MAPLE or MATLAB.

40 % Midterm exams (2 exams worth 20% each)

25 % Final Exam

- Letter grades will be determined on the following scale:
A(90-100), B+(85-89), B(80-84), C+(75-79), C(70-74), D+(65-69), D(60-64), F(0-59).
In order to pass this course with a grade of C or better, you must pass a “Calculus ABC” test with a score of 90% or better.
- No calculators, books, or notes are permitted during exams
- You need to notify the instructor in advance of any missed exams so that alternative arrangements can be made.

Quizzes and Exams:

The two midterm exams will be in class for 1:30 hours each and there will be about 10 quizzes for 10-15 min each. The dates will be announced in class and on Blackboard.

Calculus ABCs:

To pass this course with a grade of C or better, the student is required to pass a basic competency test with a score of at least 90%.

Location and time: SC 344, 7–8 pm

Wednesday, May 23rd

Friday, May 25th

Wednesday, May 30th

Wednesday, June 13th

Wednesday, June 20th

You will get one last chance after the **final exam**, which will be held on Saturday, June 23rd from 8:00 am to 10:00 am at SC 344.

Academic Integrity:

"The Clarkson student will not present, as his or her own, the work of another, or any work that has not been honestly performed, will not take any examination by improper means, and will not aid and abet another in any dishonesty." (Clarkson Regulations)

You are welcome, and encouraged, to work with other students on the homework. However, you must hand in your own work, and it must represent your own understanding of the assignment.