Calculus II

General course information:

- lecture and discussion time and place: Monday, Wednesday, Friday 12:35 - 2:30 pm, Mundelein 414
- textbook: Thomas' Calculus: Early Transcendentals (single variable), by Thomas, Weir, and Hass, 12th edition, Addison Wesley 2009
- webpage: *www.math.luc.edu/∼rgoebel1/Spring14Math162*
- final exam: Friday, May 2nd, 9:00 am - 11:00 am

Instructor information:

- name: Rafal Goebel
- contact: email rgoebel1@luc.edu (preferred) or office phone 773 508 7541
- office: BVM Hall 601
- office hours: Monday 10:30 am - 11:30 am, Wednesday 2:30 pm - 3:30 pm, and by appointment

Course content: This course provides a standard introduction to differential and integral calculus. We will cover the following chapters of the textbook: Chapter 6, *Applications of Definite Integrals* Chapter 7, *Integrals of Transcendental Functions*; Chapter 8, *Techniques of Integration*; Chapter 10, *Sequences and Series*; Chapter 11, *Conic Sections and Polar Coordinates*; some Chapter 9, *Further Applications of Integration*.

Grading scheme: The course grade will be based on the number of points. The maximum number of points is 100. The grade of A is guaranteed for 95 points or more. The grade of C- is guaranteed for 70 points or more. Points can be accumulated in the following way: homework 20 pts, midterms 50, final exam 30 pts.

Homework: Regular homework assignments will be assigned and turned in online, through the textbook publisher's website. Detailed instructions on registering and accessing the homework online are on the class webpage. Abbreviated instructions on how to get started are here: 1. Go to pearsonmylabandmastering.com; 2. Under Register, click Student; 3. Enter your instructors course ID: goebel34911, and click Continue.

There will be about 10-12 homework assignments, usually due on Thursday at noon. Two lowest homework scores will be dropped.

Collaboration on homework is allowed, and in fact encouraged. Talk about homework to your classmates, work on the problems together, form study groups. However, your final solution and answer should be your own.

Midterms: There will be 4 midterms, on the following days: Friday, January 31; Friday, February 21; Friday, March 21; Friday, April 11. Each midterm will be about 75 minutes long. Problems on the midterms will be similar to the sample midterm problems, which will be provided in the days before the midterms. Midterms are closed-book, but one letter-sized, one-sided sheet of handwritten (by you) notes is allowed. Collaboration is not allowed.

Final: There will be one final exam, on Friday, May 2nd, 9:00 am - 11:00 am. It will cover all of the course material. Problems on the final will be similar to the sample final problems solved in the review lectures before the final exam. Final is closed-book, but one letter-sized, double-sided sheet of handwritten (by you) notes is allowed. Collaboration is not allowed.

Missing quizzes or exams: Usually, only religious holidays, official Loyola athletic activities, and well-documented emergencies are basis for a make-up quiz or late turn-in of homework. In general, the sooner you notify the instructor about a conflict with a quiz or an exam, the better. Missing a quiz or an exam without prior notification and without a well-documented emergency or other extenuating circumstances will result in a score of 0.

Tutoring: The Center for Tutoring & Academic Excellence offers free collaborative learning opportunities that include small group tutoring and tutor-led study halls to Loyola students. To learn more or request tutoring services, visit the center online at www.luc.edu/tutoring.

Academic integrity: All work performed during quizzes and final exam must be your own work. Cheating may result in a grade of "F" and notification of the appropriate dean. Cheating during quizzes, midterms, and the final includes, but is not limited to: copying another person's work, allowing another person to copy your work, collaborating with another person, using unauthorized references, etc. Remember though: collaboration on homework assignments is OK, and in fact is encouraged.