Course Details
Class Meetings: Dumbach Hall, Room 229; TuTh 10:00–11:15 a.m.
Office Hours: Loyola Hall, Room 302; TuTh 9:00–9:50 a.m. and 12:00–12:50 p.m.

FINAL EXAM:
• when: Tuesday, May 3, 1:00 p.m.–3:00 p.m.


Instructor Coordinates
Aaron Lauve  
Loyola Hall, Room 302  
lauve@math.luc.edu  
773.508.3727  
http://www.math.luc.edu/~lauve

Contact
Communication by email is preferred. Include 132 in the subject line. Expect a reply within 48 hours.

Course Web Page
This document and other information and materials relevant to the course are posted on the course web page (http://www.math.luc.edu/~lauve/courses/132-sp2011/).

Important Dates
If you are unable to make any of the exam dates, please let me know as soon as possible.

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Last day to drop with no penalty</td>
<td>January 24</td>
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<tr>
<td>Last day to drop with a “W”</td>
<td>March 28</td>
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<tr>
<td>Spring break</td>
<td>3/8 &amp; 3/10</td>
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<tr>
<td>Last day of class</td>
<td>April 28</td>
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<tr>
<td>Exam #1</td>
<td>February 24</td>
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<tr>
<td>Exam #2</td>
<td>March 24</td>
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<tr>
<td>Final Exam</td>
<td>May 3</td>
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Requests to reschedule your final exam will be heard only for extenuating circumstances (e.g., four courses on one exam day) and must be made through your Dean’s office.

Course Catalog & Syllabus

**Course Catalog.** Math 132 (3 units): Definition and interpretations of the integral; basic techniques for computing anti-derivatives; applications to probability; introduction to multi-variable calculus and optimization for functions of several variables; and mathematical modeling using differential equations. *(This course is not a substitute for MATH 162.)*

Prerequisites: Math 131 or Math Placement Test.

**Syllabus.** Most of Chapters 6–10 in the text (http://www.luc.edu/math/coursedescrspring.shtml#math132).
Technology
A TI-84 Plus or equivalent graphing calculator is required for this course. I am also likely to use Mathematica during class. I will be happy to help you learn more about any tool that I use in class.

Course Components

Homework. Students will work and submit weekly homework exercises using the online system WileyPLUS (http://edugen.wileyplus.com). These will be due on Tuesday before class. Follow the “Register” link under “Students” and use the url http://edugen.wiley.com/edugen/class/cls190126/ to register. Successful completion of 90% of the exercises will count as full credit when computing your final course grade; 80% completion as 90% credit; 70% as 80%; and so on.

Reading Quizzes. Online reading quizzes will be assigned weekly (due Tuesday before class) over the material to be covered that week. These will be administered via Loyola’s Blackboard website (https://blackboard.luc.edu/). The best 10 scores will be kept to compute your final course grade.

Quizzes. There will be short in-class quizzes nearly every Thursday. Some will be more challenging and worked in small groups. The best 10 scores will be used to compute your final course grade.

Exams. There will be two midterm exams. The final exam will be cumulative.

Course Grade
Your final course grade will be determined as indicated below.

- Hw (5%) + RQ (5%) + Qz (20%) + Ex (2 × 20%) + Final (30%) = 100%
- Cutoff Grades (in %): A (91) A- (90) B+ (88) B (81) B- (80) C+ (78) C (71) C- (70) D+ (68) D (60)

Getting Help
It may take awhile to adjust to the different style and pace of the course. My first piece of advice is to use your book well: learn the definitions and read the examples’ solutions; do not be satisfied with the WileyPLUS assignments, but instead work the “Review Problems,” “Check Your Understanding,” and “Project” sections at the end of each chapter.

Please, SEEK HELP if you are falling behind. Form study groups, visit the Tutoring Center (http://www.luc.edu/tutoring/), come to my office hours, meet me outside of my office hours, find online resources, give me feedback, etc.

Escape Routes
At any time, even after the last date for W-dropping the course, students who are experiencing medical or personal difficulties should not hesitate to consult their advisors or the Student Development Office or their dean. Don’t allow yourself to be overwhelmed by such problems; Loyola has resource persons who may be able to help you.

Disability Services
The Americans with Disabilities Act (ADA) is a federal statute that provides comprehensive civil rights protection for persons with disabilities. It requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring accommodation, please contact the SSWD office (http://www.luc.edu/sswd/) in the Sullivan Center: suite 117, phone 773.508.3700, fax 773.508.3810.
Academic Integrity
The Academic Standards and Regulations web page

http://www.luc.edu/academics/catalog/undergrad/reg.shtml

outlines the definition and ramifications of cheating at Loyola University (the “Academic Integrity” link) as well as the recourses available to you should you be accused of cheating (the “Academic Grievance Procedure” link). By attending this course, you agree to uphold the high standards of Loyola. If you are found cheating on an exam, you will receive a 0 for the exam and the incident will be reported to your academic dean and recorded in your permanent file.

Course Etiquette
Sleeping in class happens and is always forgiven. Reading newspapers or surfing the web is impolite and is a distraction to your instructor; please find a better use for your time. Please set your cell phones to “silent” upon entering class; these are a distraction to everyone. Likewise, talking with your neighbor while I am lecturing is unacceptable.

Finally, and most importantly, respect for others is stressed above all else; please allow me the first chance to answer your fellow students’ questions. I expect everybody to participate in class discussions, but that begins by fostering an environment where we do not hesitate to ask our questions.

Odds and Ends
Make-Up Quizzes/Exams. If a real emergency or University-sponsored event arises which prevents you from appearing at a scheduled examination time, you must notify me prior to the next regularly scheduled class (and before the examination if possible). Make-up examinations will be administered only at my discretion. If a student fails to appear for a make-up at the mutually arranged time, no further opportunities will be extended. Failure to contact me as stated above or inability to sufficiently document the extenuating circumstances of your absence will result in a grade of zero on the examination.

LOYOLA EMAIL. On the occasion that I need to contact students outside of class, this is the only sensible way to proceed. If you would rather not use your @luc.edu email account, ... tough! If you are unable to receive my email messages, please let me know.

The Tutoring Center
The Center for Tutoring & Academic Excellence (CTAE) offers a variety of tutoring services for Calculus: free Small Group Tutoring as well as Math/Stats Boot Camp and Tutor-Led Study Hall. To learn more or request tutoring services, visit the Center online at www.luc.edu/tutoring.

Small Group Tutoring Students will meet weekly with their small tutoring group, which will include other students from the same course, to enhance their exposure to and interaction with course material. These sessions will be guided by a trained peer tutor. These groups are most successful when students join early in the semester. Students can request small group tutoring on the CTAE website.

Math/Stats Boot Camp Math/Stats Boot Camp Tutoring will be available from January 18th–February 4th, Monday–Thursday, 11am–6pm, and Friday 11am–5pm. No appointment is needed for Boot Camp hours. Students may bring their Math or Statistics coursework to the Center and tutors will be on hand to assist. For more information about Boot Camp hours, visit the CTAE website.

Tutor-Led Study Hall Beginning February 7th, Tutor-Led Study Hall for intro-level classes in our high-demand subjects (accounting, biology, chemistry, economics, mathematics, select nursing classes, physics, and statistics) will be offered several hours a week to provide additional assistance to students with questions that arise between small group and class meetings. Students can find our Tutor-Led Study Hall hours on the CTAE website.