

Math 2103: Business Calculus

Oklahoma State University Spring 2015

Sections 015, 016

Instructor: Andrea Richmond

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Class Times and Locations:

Lecture M/W 9:30-10:20 in MS 101 (sections 015 and 016)

Recitation R 9:00-10:15 in Morill Hall 304A (section 015 only)

Recitation R 10:30-11:45 in Morill Hall 301 (section 016 only)

Office Hours: Posted on D2L

Required Materials:

- **Text:** Applied Calculus by Hughes-Hallett, et al., 5th edition (paper or electronic version)
- **Wiley Plus access:** Wiley Plus (www.wileyplus.com) is an online resource that corresponds to your textbook and will be used for online homework assignments. Purchase an access code from either the Wiley Plus website or the bookstore. Note that access to Wiley Plus includes access to the electronic textbook.
- **D2L access:** Desire2Learn (<https://oc.okstate.edu>) is an online classroom system that will be used to post important course announcements, grades, and course documents.
- **Calculator:** A scientific calculator or graphing calculator is required. While supplies last, you may borrow a graphing calculator from the math department; visit the main office (MS 401) if you would like to check one out. Note that there may be exams or assignments for which no type of calculator may be used. When practicing problems, be careful not to rely on your calculator as a substitute for understanding concepts and procedures. **The following are never allowed on exams and quizzes: cell phone calculators, sharing of calculators, and advanced calculators with calculus evaluation features.** It is your responsibility to come to any testing situation with an appropriate calculator in case one is permitted.

Prerequisite: The prerequisite for Math 2103 is a grade of “C” or better in one of Math 1483 or 1513 or 1715, or an acceptable placement score (see <http://placement.okstate.edu>).

Course Description: Math 2103 is an introductory calculus course, with a focus on applications to business. Topics covered include a brief review of functions, the definition of the derivative, procedures for finding derivatives, interpreting derivatives, applications of derivatives, and using and analyzing functions of multiple variables. **An important goal is to understand both how and why mathematical concepts and procedures work.**

Expectations:

- You are expected to attend every class meeting and participate often.
- If you bring a cell phone to class, please be sure it is silenced and stored out of sight. Do not text during class.
- Taking photos or videos with your phone or other device during class is not allowed without prior instructor approval.
- You should read each textbook section covered, resolve any questions you have, and strive for mathematical understanding.
- You should anticipate spending several additional hours for every in-class hour in studying and working problems.
- **Academic Integrity:** Violations of the Academic Integrity policy (<http://academicintegrity.okstate.edu>) will be treated quickly and harshly. Any infraction will be reported to the college and a student found in violation may receive a failing grade. I do not tolerate academic dishonesty in any form.

Grading System: Final course grades are determined as follows:

Homework	15%
Quizzes	18%
Exam 1	14%
Exam 2	14%
Exam 3	14%
Final Exam	25%
Total	100%

Course letter grades will be assigned as follows:

Course Percentage	0-59	60-69	70-79	80-89	90-100
Course Letter Grade	F	D	C	B	A

Grading Policies:

- **No late homework will be accepted.**
- **No make-up quizzes will be given.** However, only the highest ten quiz grades will be used to calculate your course grade.
- **Make-up exams will be given only in extreme or pre-approved circumstances.** If you have three or fewer lecture absences for the semester (attendance will be taken at each lecture meeting), then your lowest exam (Exam 1, 2, or 3) score may be replaced by your percentage score on the final exam, if doing so improves your course grade.
- Clear and correct mathematical communication of your thinking is very important. **In order to receive credit for any written assignment, including quizzes and exams, write legibly and express your mathematical process clearly and completely. Answers with insufficient written justification will receive no credit.**
- **Course grades will not be curved based on a class average.** Your grade is intended to reflect your level of understanding of course material rather than comparing your performance to that of your classmates. **Grades will not be changed at the end of the term;** you should monitor

your progress throughout the term, being aware of the grade you are earning continually. Note that D2L is used to post grades for individual assignments but will not automatically compute your course grade using the percentages above. See your instructor if you would like help computing your course grade.

Homework: Homework assignments and due dates are given on the class calendar. No late homework will be accepted. Most homework assignments will be completed and submitted online through Wiley Plus. You may work with others on homework assignments, however, be sure that you understand and have mastered the material yourself.

Quizzes: A quiz will be given as part of most recitation sessions (see class calendar). You must be present during the entire recitation session in order to take the quiz. You must attend the recitation session in which you are enrolled. No make-up quizzes will be given. However, only the highest ten quiz grades will be used to calculate your course grade. All quizzes must be completed individually. A calculator may be allowed on some quizzes; come prepared with an appropriate calculator in case one is permitted. No notes, notecards, books, or other aids are permitted on quizzes.

Exams: The dates for Exams 1, 2, and 3 are given on the class calendar. Make-up exams will be given only in extreme or pre-approved circumstances. If you have three or fewer lecture absences for the semester (attendance will be taken at each lecture meeting), then your lowest exam score may be replaced by your percentage score on the final exam, if doing so improves your course grade. All exams must be completed individually. A calculator may be allowed on some exams; come prepared with an appropriate calculator in case one is permitted. No notes, notecards, books, or other aids are permitted on exams. Bring your student ID to each exam; you may not be allowed to take the exam without it.

Final Exam: The final exam will be given on **May 6 at 8:00 am**. The final exam is cumulative of course material and you will have 1 hour and 50 minutes to complete it. Come prepared with an appropriate calculator. No notes, notecards, books, or other aids are permitted. Bring your student ID; you may not be allowed to take the exam without it.

Practice Problems: You are responsible for learning and understanding the course material. In addition to completing required assignments, it is highly recommended that you practice additional textbook problems corresponding to each section covered in class. You will find it extremely difficult to succeed in this course without this additional practice.

Resources for Help:

- Attend office hours. (Both your instructor and your TA hold weekly office hours.) If your schedule does not permit you to attend office hours, email to schedule an appointment.
- Form study groups with your classmates.
- Consult your textbook and class notes.
- Use the online Wiley Plus resources associated to your textbook.
- The Mathematics Learning Success Center (MLSC), located on the 5th floor of Edmon Low Library, offers free tutoring. See <https://math.okstate.edu/mlsc> for more information.

Special Accommodations: Please see me no later than the second week of classes if you have a documented disability and require special accommodations.

OSU Syllabus Attachment: Visit the following link and click on “Syllabus Attachment”, “Spring 2015” for additional important information: <http://academicaffairs.okstate.edu/faculty-a-staff>.