MATH 2163, Calculus III, Syllabus
Section 701: 10:30-11:20 PM, MWF, AGH 009

Instructor: Dr. Jim Choike, Professor of Mathematics
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Office Hours: By appointment. Please feel free to drop by or contact me to see if I am available at any time.

Prerequisites: Calculus I and II, with a grade of C or better. Note that these two courses total 7 hours of credit at OSU and may include more material than is tested on the Calculus BC AP exam. Good, fast knowledge of algebraic derivative and integral calculation rules is very important.

Required Materials: (1) Textbook: Calculus: Early Transcendentals, 2nd edition, by Jon Rogawski, and (2) Online homework system WebAssign (http://www.webassign.net)

Cell phones: Cell phones MUST be turned off and OUT-OF-VIEW during class. Cell phones cannot be used during class for any purpose; this includes, but is not restricted to, making or receiving phone calls, sending or receiving text messages, taking photographs during class, or using a cell phone for calculations.

Course Overview: To learn multivariable calculus, where ideas from one-variable calculus are generalized to apply to functions of more than one variable. This includes analytic geometry in three dimensions and basic theory of vectors and vector calculus.

Time Commitment: Plan to spend, at least, six hours *outside of class* on MATH 2163. This includes reading the text, working on homework problems, and discussing questions with others.

Final Grade for the Course: The Course Final Grade will be based on the following requirements:
    Exams, worth 70% of your grade, consist of 3 hourly exams and a comprehensive final exam. Course grades are determined in one of two ways, whichever produces a higher average:
        Option 1: Hourly exams 15% each, Final exam 25%
        Option 2: Hourly exams 10% each, Final exam 40%

    Exam 1, Wednesday, February 11; Chapters 12, and Sections 13.1, 2, 3, and 5;
    Exam 2, Friday, March 13; Chapter 14;
    Exam 3, Wednesday, April 22; Chapter 15 and Chapter 16 Sections 1, 2, and 3;

    Final Exam: Friday, May 8, 10:00 – 11:50 PM in **AGH 009**

    WebAssign Assignments, worth 10% of your grade, are online homework assignments corresponding to all sections of the text, typically due a few days after each section is covered in class. You should download and print out each assignment, write solutions in a homework notebook (either loose leaf or spiral bound), and then enter solutions into the online system by the due date.

    The class key for Math 2163, Section 701 in WebAssign, our online homework system, is: **okstate 8335 6755.** Students should set up their account and self-enroll for access to our section during the first week of class at https://www.webassign.net/login.html.

Written Assignments and Quizzes will be worth 20% of your grade. Quizzes will be unannounced and over the content covered in class, in the text, and from the WebAssign online system. At a minimum 12 quizzes will be given, each worth a maximum of 10 points. The ten highest scores will be used as the Quiz Score and will count for 10% of your grade. There will also be about 8-10 written assignments that will count for 10% of your grade. Some of these written assignments may be Group assignments.

The Course Grade: The course averages given below guarantee the stated grade. These cutoff scores may be lowered if circumstances warrant:
   90% guarantees the grade of A in the course,
   80% guarantees the grade of B,
   70% guarantees the grade of C,
   60% guarantees the grade of D.

Calculators: **TI 83 and 84 models are permitted on the Hour Exams and the Final Exam.** You may **not** use a TI 89, TI-Nspire, or a calculator with a computer algebra system, wireless or Internet capability, a QWERTY keyboard, or a camera. If you do not own an allowable graphing calculator, you may borrow one from the Math Department office without charge. Graphing calculators can be a valuable tool, but not a substitute for your own conceptual understanding. In fact, it is unwise to believe the calculator can compensate for lack of understanding of the logical concepts of calculus, and most people need to do quite a lot of hand calculation to gain that understanding.

Missing Work Policy: I will offer reasonable accommodation in the event that you miss a major assessment activity for a valid and documented reason, assuming documentation is provided in advance unless absolutely impossible. For an exam, you need to tell me as soon as you know there is a conflict and will be ineligible for a make-up if you do not. If you will not make it to class when homework is due you should turn it in early or get a classmate to turn it in for you.

The Mathematics Learning Success Center (MLSC) is on the 5th floor of the Edmon Low Library. The MLSC has tutors who are able to work with students taking Calculus III and help you with your questions. Hours for Calculus III help:
   Monday – Friday, Sunday from 1:00 PM until 9:00 PM in North Tutoring Room;

Academic Integrity: Oklahoma State University is committed to the maintenance of the highest standards of integrity and ethical conduct of its members. This level of ethical behavior and integrity will be maintained in this course. Participating in behavior that violates academic integrity (e.g., unauthorized collaboration, plagiarism, multiple submissions, cheating on examinations, fabricating information, helping another person cheat, unauthorized advance access to examinations, altering or destroying the work of others, and fraudulently altering academic records) will result in your being sanctioned. Violations may subject you to disciplinary action including the following: receiving a failing grade on an assignment, examination or course, receiving a notation of a violation of academic integrity on your transcript (F!), and being suspended from the University.

Important Dates:

Monday, January 12: Classes Begin
Monday, January 19, 2015: MLK Day.
Tuesday, January 20, 2015: Last day to drop a course with no grade and no fees.
Friday, January 23, 2015: Last day to drop a course with 50% fees and grade of "W"
Tuesday, February 24, 2015: Six-week grades are due
March 16-20, 2015: Spring Break
Friday, April 10, 2015: Last day to drop or withdraw with an automatic grade of "W"
Friday, April 24, 2015: Last day to drop with an assigned grade of "W" or "F."
April 27-May 1, 2015: Pre-Finals Week
May 4-8, 2015: Finals Week