Math 2163 - Calculus III - Section 006

http://www.math.okstate.edu/~lebl/osu2163-f14/

Go to D2L at http://oc.okstate.edu/ for grades, discussions, announcements, etc...

Lecture: MWF 9:30AM - 10:20AM, Classroom Building 321

Text:

Jon Rogawski, Calculus: Early Transcendentals, Second Edition, 2011, W. H. Freeman and Company

Lecturer:

Jiří Lebl
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Office hours: Monday 2-3pm (office), Wednesday 2-3pm (MLSC main room), Friday 3-3:50pm (office), or by appointment at other times
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What's the Course About:

We will learn multivariable calculus by generalizing the single-variable notions to functions of more than one variable. We will study in particular analytic geometry in three dimensions and basic notions of vectors, and the beginnings of vector calculus.

Prerequisites: Calculus I and II with grade C or better.

Grading:

Grade distribution is as follows:

45% - 3 exams, the lowest grade is dropped, so the 2 best scores are counted.

30% - Final exam.

15% - Quizzes.

10% - Webassign.

As usual, 90% and above guarantees an A, 80% and above a B, 70% a C, and 60% and above a D. Curve will be applied if needed, and so those cutoff percentages could move downwards, but only if it is deemed necessary.

Exams, Quizzes:

Exam 1: Friday, September 19th (in class) *(date tentative)*

Exam 2: Monday, October 20th (in class) *(date tentative)*

Exam 3: Friday, November 21st (in class) *(date tentative)*

Quizzes will be in-class, not announced ahead of time. They will be short 10-15 minutes. I will try to do at least one weekly, but no promises. Quizzes will be based on non-webassign homework, and sometimes perhaps on webassign as well. 2 lowest quiz scores will be dropped.

No calculators are allowed on the quizzes or exams. Trust me, you will not need them, and from experience in this sort of class, they just slow you down. Feel free to use them when studying and working on homework of course.

Missed Work:

No makeup quizzes (we are dropping the lowest 2 anyhow). There will be reasonable accommodation if you have a valid and **documented** reason, and the documentation is provided **in advance** unless absolutely impossible. If you have a university approved (see the syllabus attachment) final conflict exam, you must tell me no later than Friday, November 21st, so that we can figure out what to do.

Attendance:

Mandatory, but not taken. Of course, if you will miss classes, you may miss quizzes, which **will** of course

Homework:

Written homework (which will not be handed in, but which will be the basis of quizzes) will be announced on D2L.

WebAssign:

WebAssign will be used in this class:
https://www.webassign.net/login.html
Class key: **okstate 4914 5485**

Schedule:

See the tentative schedule (http://www.math.okstate.edu/~leblosu2163-f14/schedule.html). This can (and will) change as situation "on the ground" changes.

Syllabus attachment:

See the official syllabus attachment, for some more information.

Interesting links:

Wolfram Alpha (http://www.wolframalpha.com). It's like Google for math.

Speaking of Google: try typing something like x^2-y^2.

Although no, Google will not likely solve your homework problems for you. Even if it did, it would not be a good idea. The reason for doing the homework is to learn how to do it. If you simply try to find solutions online, and did manage to find them, you will not learn anything and you will see the result of this on the exams.