Math 2163 Calculus III
Fall 2014, Section 009

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Office Hours: Wednesday 12:50pm - 02:00pm (**at my office), Friday 1:30pm - 2:30pm (**at MLSC), or feel free to ask another office hour by email.

Class Meeting: MWF 11:30am - 12:20am in North Classroom Building 203

Textbook: Calculus, 2nd. ed, Early Transcendentals, by Jon Rogawski.

Course Objectives: In a sequel to Calculus I and II, our goal is to learn more advanced topics in the calculus, which include vector calculus, geometry of space, calculus of several-variable functions, techniques of multiple integration, and the analysis of parametrized curves.

Prerequisites: Minimum grade of C for MATH-2153, or equivalent AP exam credit; differential and integral calculus of functions of several variables and an introduction to vector analysis.

Grades: The course grade is based on 1000 points which are distributed as follows:

Homework	200pt
Quizzes	100pt
Three In-class Exams@150each	450pt
Final Exam	250pt
Total	1000pt

The final grade will be based on the total score with the following approximate cut-offs:

A: 900 – 1000	B: 800 – 899	C: 700 – 799	D: 600 – 699	F: 0 - 599

Exams: There will be three in-class exams and one final. *For the exam schedules*, please see the schedule sheet on the next page. † *All exams are held in the regular classroom.* Exam 1 covers 12.1–12.7, 13.1; Exam 2 covers 13.2, 13.3, 13.5, 14.1–14.7; Exam 3 covers 14.8, 15.1–15.6, 16.1, 16.2; The final exam will be cumulative, i.e., all sections above and 16.3, 17.1.

Homework: Homework assignments will be submitted online through WebAssign: https://www.webassign.net/login.html. No late homework will be accepted. Each assignment due date is posted on WebAssign. You will need the following **Classkey**:

okstate 3485 2094

Quizzes: There will be *5-10 minute in-class or take-home* quizzes during the semester. The date will be announced in advance. Your *one lowest* quiz score will be dropped. No make-up quiz will be allowed.

Calculators & Important Comments: Calculators (not graphing/programming) will be allowed on exams an quizzes. It is also important that you learn to do simple manipulations by hand. Class attendance is expected. Reading the sections in the textbook ahead of time is recommended. *The Mathematics Learning Success Center (MLSC), on 5th floor of Edmon Low Library, can provide free tutoring assistance and other services.* Please, check the exact office hours via the website http://www.math.okstate.edu/mlsc or call (405) 744-5818.

Online Classroom(D2L): http://oc.okstate.edu. There will be useful information for the class: e.g., the syllabus, some solutions, lecture notes etc. will be uploaded in "**Content**" on this site.

OSU Syllabus Attachment: For general university policies and *important dates* see: http://academicaffairs.okstate.edu/current-students .

Course Schedule: Our class schedule is on **the following page.**

Math 2163 Section 009 Schedule, Fall 2014

This schedule is SUBJECT to change.

∫ **All exams** are held in the regular classroom (*North Classroom Building 203*).

	Monday		Wednesday		Friday
Aug.	18 Lesson 1 Intro/Section 12.1		20 Lesson 2 Section 12.2		22 Lesson 3 Section 12.3
	25 Lesson 4 Section 12.3(cont'd)/12.4		27 Lesson 5 Section 12.4(cont'd)		29 Lesson 6 Section 12.5
Sep.	1 ***No classes*** *Labor day*		3 Lesson 7 Section 11.5/12.6		5 Lesson 8 Section 12.7
	8 Lesson 9 Section 13.1		10 Lesson 10 ***Review for exam 1***		12 Lesson 11 ***Review for exam 1(cont'd)***
	15 Lesson 12 **Exam 2*(in-class)*** **(12.1--12.7, 11.5, 13.1)**		17 Lesson 13 ***Discussion on Exam 1***/Section 13.2		19 Lesson 14 Section 13.3/13.5
	22 Lesson 15 Section 14.1		24 Lesson 16 Section 14.2		26 Lesson 17 Section 14.3
Oct.	29 Lesson 18 Section 14.4		1 Lesson 19 Section 14.6		3 Lesson 20 Section 14.5
	6 Lesson 21 Section 14.5(cont'd)/14.7		8 Lesson 22 Sections 14.7(cont'd)		10 Lesson 23 Section 14.7(cont'd)/ ***Review for exam 2***
	13 Lesson 24 ***Review for exam 2(cont'd)***		15 Lesson 25 **Exam 2*(in-class)*** **(13.2-13.3, 13.5, 14.1--14.7)**		17 Lesson 26 ***Discussion on Exam 2***/Section 14.8
	20 Lesson 27 Section 14.8(cont'd)/15.1		22 Lesson 28 Section 15.1(cont'd)		24 N***o classes*** *Fall break*
	27 Lesson 29 Section 15.2		29 Lesson 30 Section 15.3		31 Lesson 31 Section 15.3(cont'd)/15.4
Nov.	3 Lesson 32 Section 15.4(cont'd)		5 Lesson 33 Section 15.5/15.6		7 Lesson 34 Section 15.6(cont'd)
	10 Lesson 35 Section 16.1		12 Lesson 36 Section 16.2		14 Lesson 37 Section 16.2(cont'd) / ***Review for exam 3***
	17 Lesson 38 ***Review for exam 3(cont'd)***		**19** Lesson 39 **Exam 3*(in-class)*** **(14.8, 15.1--15.6, 16.1, 16.2)**		21 Lesson 40 ***Discussion on Exam 3***/Section 16.3
	24 Lesson 41 Section 16.3(cont'd)		26 ***No classes*** *Thanksgiving*		28 ***No classes*** *Thanksgiving*
Dec.	1 Lesson 42 Section 17.1(cont'd)		3 Lesson 43 Section 17.1(cont'd) / ***Review for the final exam***		5 Lesson 44 ***Review for the final exam(cont'd)***
					12 Final Exam ***(10:00am-11:50am)*** **(all above sections + 16.3, 17.1)**