Math 0230: Analytic Geometry and Calculus 2

Summer 2015, 6 weeks 1, May 11-June 20

Instructor:	Diego Ricciotti	**T.A:** Pamela Delgado	
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Office Hours:	M Tu Th Fr 4-5	M W Th 3-4, Tu 10-12, 3-4	

Lectures:	M Tu W Th 6-7:45 p.m.	A216 Public Health-Cabtree
Recitations:	M W 8-8:50 p.m	A216 Public Health-Cabtree
Lab sessions:	Tu Th 8-9 p.m	1200 Posvar Hall

Course Description: This is the second in a sequence of 3 calculus courses for science and engineering students. The goal is to prepare the students to make use of calculus as a practical problem solving tool.

	Integration and applications
	Elements of analytic geometry of the plane and space
Topics:	Parametric curves and polar coordinates
	Sequences and series
	Basic ordinary differential equations

Text: *James Stewart, Essential Calculus, Early Transcendentals*, 2$^{\text{nd}}$ Edition
For some topics it will be supplemented by the materials from the Stewart Calculus website: `http://www.stewartcalculus.com/media/6_inside_topics.php`

Prerequisites: Math 0220 (Analytic geometric and Calculs 1) or equivalent, with a minimum grade of C.

Exam Dates:	Midterm: June 1, 2015	6-7:45 A216 Public Health-Cabtree
	Final: June 18, 2015	6-7:45 A216 Public Health-Cabtree

	Quizzes	15%
	Lon-CAPA	15%
Grade Distribution:	Midterm	30%
	Final Exam	40%

Recitations Twice a week you will meet with your T.A. in a classroom (without computers) to go over problems related to the material covered in the previous lectures. This recitation time will be devoted to solving problems, clarifying challenging concepts from the lecture, as well as providing you with a space to ask questions. Recitations will be an extremely valuable resource to you if you come prepared with questions to ask.

Labs In addition to in-class recitation, twice a week you will meet with your T.A. in the Calculus Computer Lab (WWPH1200A). In the lab, you will work individually on problem solving skills, using computer-generated problems. Your TA will be available to help if you get stuck, but you are expected to solve all problems yourself. You may not complete all of your work during the scheduled lab sessions, in which case you are expected to complete it on your own. You will be able to work on your lab problems from any computer with an Internet connection and a web browser, but you should do most of the work in your scheduled lab sessions. **Be sure to complete each assignment on time.**

Practice problems and Quizzes You will be provided a list of practice problems (see next page) from the textbook. You are expected to solve these problems, although they will not be collected and graded. Twice a week, in the last part of recitation, you will have a quiz. Quiz problems will be modeled on practice problems. (No make-up quiz available, instead the worst one will be dropped).

Quizzes and exams policy No calculators, books or notes are allowed during quizzes and exams.

Tutoring Walk in tutoring is available in the Math Assistance Center (MAC) on the second floor of the O'Hara Student Center. Tutoring hours will be posted outside the MAC.

Disability Resource Services If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Office of Disability Services and Resources, 216 William Pitt Union (412) 624-7890 as early as possible in the term.

Academic Integrity Cheating/plagiarism will not be tolerated. Students suspected of violating the University of Pittsburgh Policy on Academic Integrity will incur a minimum sanction of zero score for the quiz, exam, or paper in question. Additional sanctions may be imposed, depending on the severity of the infraction.