Math 0220: Analytic Geometry and Calculus 1

Summer 2017, 6 weeks 1, May 15-June 24

Instructor:	Diego Ricciotti		T.A: Adam Stawski
e-mail:	dir 17@pitt.edu		acs192@pitt.edu
Office Hours:	Tu 4-6 p.m, Th 5-6 p.m, H	Fr 4-5 p.m	Mo,Tu,We,Th 3-4 p.m
Lectures:	M Tu W Th 6-7:45 p.m.	1045 Bened	lum Hall
Lab sessions:	M W 8-9 p.m	1200 Posva	r Hall
Recitations:	Tu Th 8-9 p.m	1045 Bened	lum Hall

Course Description: This is the first 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.

	Functions of one Real variable		
Limits and Continuity			
Topics:	Derivatives and Optimization		
	Monotonicity, Concavity and Graph sketching		
	Basic Integration Tecniques		

Text: James Stewart, Essential Calculus, Early Transcendentals, 2nd Edition

Prerequisites: Minimum Math Placement Score of 76 or Math 0200 with minimum grade of C.

	Midterm 1: May 30, 2017	6-7:45 1045 Benedum Hall
Exam Dates:	Midterm 2: June 13, 2017	6-7:45 1045 Benedum Hall
	Final: June 22, 2017	6-7:45 1045 Benedum Hall

	Quizzes	15%
Crada Distribution.	Lon-CAPA	15%
Grade Distribution:	Midterms	40% (20% each)
	Final Exam	30%

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. In the last part of recitation you will typically have a short quiz.

Labs In addition to in-class recitations, 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, 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 from the textbook (see next page) and during lectures. You are expected to solve these problems, although they will not be collected nor graded. Twice a week, in the last part of recitation, you will have a quiz on the material covered up to the previous lecture. You are expected to come prepared for the quiz, by reviewing the material discussed in the lectures and solving the practice problems assigned. (There will be no make-up quizzes, instead the lowest score 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.