MATH. 274.003 **Spring, 2009** **MW** **9:00-10:50AM** **YR128**
T **9:30-10:20AM** **YR103**

PREREQUISITE: MATH.273

INSTRUCTOR: Dr. Leonid Stern (http://www.towson.edu/~stern/).

OFFICE: ST 300J, Tel. 410 704-3596

OFFICE HOURS: MW 11am-12, Th 10:00am-11:00am

TEXT: *Calculus 2,* Early Transcendentals*;* 5th Edition
Stewart …, (2008), Brooks/Cole/Towson University.

SYLLABUS:

Chapter 6	Applications of Integration 6.1-6.5
Chapter 7	Techniques of Integration, Improper Integrals 7.1-7.8
Chapter 8	Further Applications of Integration 8.1, 8.2
Chapter 9	Differential Equations 9.1, 9.2
Chapter 10	Parametric Equations and Polar Coordinates 10.1-10.4
Chapter 11	Infinite Sequences and Series 11.1-11.11

HOMEWORK will be assigned each class. Problems assigned during a week will be collected on **Monday** the following week. (***No late homework will be accepted***)

LABORATORY One class period of 50 minutes on ***Tuesday*** will be devoted to a lab. Lab reports will be assigned on ***Tuesday,*** and will be collected on ***Tuesday*** the following week. (***No late labs will be accepted***)

TESTS: There will be two tests on **March 9 (M), April 27 (M).**
Final exam: **May 15 (F), 8:00am - 10:00am (YR 128).**
(***No make-up tests***)

The course grade will be computed by the following method:
homework 10%, lab 15%, first test 20%, second test 25%, final exam 30%,.

Range	Grade	Range	Grade	Range	Grade	Range	Grade	Range	Grade
94-100	A	87-89	B+	76-79	C+	63-69	D+	0-54	F
90-93	A-	83-86	B	70-75	C	55-62	D		
		80-82	B-						