**MATH. 274.004 Spring, 2015 M 11:00am-12:50pm YR 129**

**TR 11:00am-12:15pm YR 102**

**PREREQUISITE:** MATH.273

**INSTRUCTOR:** Dr. Leonid Stern

**OFFICE:** YR 343, Tel. 410 704-3596 (*lstern@towson.edu*)

**OFFICE HOURS:** TR 10:00am-11:00am, W 11am-12 noon

**TEXT:**  *Calculus 2,* Early Transcendentals*;*

Stewart .., (2012), Cengage Learning

**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, 9.3

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** Oneclassperiodof 50 minutes on ***Tuesday*** or ***Thursday*** will be devoted to a lab. Lab reports will be assigned on the day of a lab***,*** and lab reports will be collected the following week . ( ***No late labs will be accepted*** )

**TESTS:** There will be two tests on **March 3 (T), April 21 (T).**

Final exam: **May 15 (F), 10:15am-12:15pm, YR 102**

( ***No make-up tests*** )

The course grade will be computed by the following method:

***homework 10%, lab 10%, first test 25 %, second test 25%, final exam 30%***,.

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| **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- |  |  |  |  |  |  |