SYLLABUS AND COURSE INFORMATION FALL 2015
MATH 315 – DIFFERENTIAL EQUATIONS 315.001
Room: Bin330, Meets 08-31-2010 thru 12-18-2015,
Day and Time: MW 2PM-3:15AM

Instructor: Dr. Nikolay Metodiev Sirakov
Office: Binnion 322
Office Hours: T 9AM-11PM
Th.5:30PM- 6:30PM
Fr. 9AM-11:30AM
Additional by appointment

Office: Binnion 322
E-mail:Nikolay_Sirakov@tamu-commerce.edu
Office Phone: 903 886 5943

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COURSE DESCRIPTION
Text: Elementary Differential Equations with Boundary Value Problems, by William F. Trench
Andrew G. Cowles Distinguished Professor Emeritus, Department of Mathematics, Trinity University, San Antonio, Texas, USA, 2013 http://digitalcommons.trinity.edu/mono/9/
Pre-requisite: Math 192

Course Content: Chapters1, 2, 5, 9; Sections: 3.1-3.2; 7.1-7-3; 10.1-10.3.
Objectives: The students will learn about the real life models represented by ordinary differential equation (ODE). The students will be able to find exact and approximate solutions of 1st order DE. Further they will learn and will be able to solve 2nd and higher order ODE applying undetermined coefficients and variation of parameters. The students will be able to find series solutions near an ordinary point. At the end of the course the students will be prepared to solve systems of linear DE.

COURSE EVALUATION- Basis for Evaluation:
In-class exams - 44%
In-class problems, HW - 12%
Short quizzes - 16%
Comprehensive final exam - 28%

Grading Policy: A: 100%- 90%
B: 89% - 80%
C: 79% - 70%
D: 69% - 60%
F:Less than 59 %

The professor reserves the rights to reward students for continuous hard work.

Additional Performances: In class check problems, Home Practice Problems, Extra Credit Problems

Final Test Section: 315.001 Date: Monday, Dec. 14, 2015 Time:1:15PM-3:15PM

COURSE POLICIES
HW: are to be solved at home and turned on due time. No makeup is allowed.
Quizzes: are to be solved independently during the class period. No makeup is allowed.
Tests: The exams will be given at regular intervals. Students will be informed of the test dates a week in advance. The exams will be given at the scheduled times. No opportunity will be given to take the exam at earlier or later times except in cases of formal institutional excuses.
Makeup: Except in the case of a formal institutional excuse, no individual makeup test will be permitted.
Cheating: 0 credit will be given for exams, quizzes, HW and in case of cheating.

Students with Disabilities: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:
Office of Student Disability Resources and Services, Texas A&M University-Commerce, Gee Library, Room 132
Phone (903) 886-5150 or (903) 886-5835, Fax (903) 468-8148, StudentDisabilityServices@tamuc.edu

- All students enrolled at the University shall follow the tents of common decency and acceptable behavior conducive to a positive learning environment (See Student’s Guide Handbook, Polices & Procedures, Conduct).