SYLLABUS AND COURSE INFORMATION FALL 2015
MATH 546/CSCI546 – Numerical Analysis
Room: EDS101; Day and Time: W 6:20PM-9PM,
Meets: 8/31/2015 through 12/18/2015

Instructor:  Dr. Nikolay Metodiev Sirakov  Office: Bin 322
Office Hours:  T 9AM-11AM  E-mail:Nikolay.Sirakov@tamuc.edu
             R 5:30PM-6:30PM  Office Phone:  903 886 5943
             F 9AM-11:30PM  Additional by appointment

COURSE DESCRIPTION
Pre-requisite:  permission by the instructor; knowledge about DE may be of help

Students Learning Outcomes (SLO):  The student will learn to interpolate data applying Fourier Transforms. They will study methods that approximate the solution of ordinary differential equation (ODE), System of ODE, and partial DE. The students will develop skills to apply the above methods and to program them by using MatLab functions. They will accumulate knowledge how to perform independent study and present their work, also the students will develop skill and knowledge how to generalize theoretical problems and methods.

Online materials may be found at:  http://faculty.tamuc.edu/nsirakov/ go to Teaching.

COURSE EVALUATION -  Basis for Evaluation:
In-class exams  - 42%
HW/ Num. Methods in MatLab  - 20%
Quizzes  - 16%
Comprehensive final exam  - 22% (could be given as a project)

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:  Home Practice Problems, Extra Credit Problems

| Final Test | Section: 001 | Date: Wednesday, December 16, 2015 | Time: 6PM-8PM |

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, Policies & Procedures, Conduct).