MA 121 - 001   Fall 2018   11:45 – 1:00 pm   T Th   SAS2203

Instructor: John Griggs **TAs:** Erik Mainellis (ekmainel@ncsu.edu), Jai Aslam (jkaslam@ncsu.edu), Wenlong Hu (whu7@ncsu.edu)   **Office**: SAS 2107   **Phone**: 513-2291
 E-mail: jrgriggs@ncsu.edu   **Office hours**: 1:15 – 2:45 pm T Th, and by appointment
Textbook: Calculus and its Applications (11th ed.) by Bittinger , 2016, ($150 new, $90 used)

Goals and Objectives: Since MA121 is a course in the mathematical sciences category of the General Education Requirements, it will provide instruction and guidance that helps students to: (1) improve and refine the mathematical problem-solving abilities; and (2) develop the logical reasoning skills. Upon completion of this one-semester, terminal calculus course, students will be able to define, find, and apply the derivative and the integral as well as relate these new concepts to previously learned mathematics.

Grading: **60% Tests;   15% Homework/Quiz ;   25% Final exam**;   the +/- system will be used:
98 - 100 A+;   92-97 A;   90-91 A-;   88-89 B+;   82-87 B;   80-81 B-;   78-79 C+;   72-77 C;
70-71 C-;   68-69 D+;   62-67 D;   60-61 D-;   0-59 F

Absences: No penalty for excessive absences; the reward for good attendance (3 absences or fewer) is replacing your worst test score with the final exam. (sleeping = absent) Tardies and early departures will accrue into absences (3T=1A). Students who are tardy should sit in the back row of the classroom so as not to distract the class that has already begun. It is then **your** responsibility to see the TA's at the front/back of the classroom after class to have your absence changed to a tardy. If an ***excused*** absence occurs on a test day, it is responsibility of the student to see the instructor as soon as possible to schedule a make-up test at a mutually agreeable time.

Homework/Quiz: **11 WebAssign homeworks; 4 quizzes** (one of which is a one page type-written report of an interview with a person currently working in your chosen career/field. You may ask as many questions as you choose, but you **must** ask how mathematics is used in that career). This paper will be due after Fall Break (Oct 9). No late homework assignments will be accepted and **no make-up quizzes** will be given. As a result of this somewhat restrictive policy, the 3 worst grades from this group of 15 grades will be dropped. Requests for extension of webassign homework deadlines can be made using webassign – although point totals are reduced. (quizzes will be take-home; due the next class meeting)

All tests will be taken in blue books. Students should turn in 6 blue books (no names on them) to the TA's prior to test one. Blue books can be obtained at the student bookstores – many times they are free; they are at most $.15 each. A stamped-blue book (two blue books for the exam) will be issued to you each test day. Students with **documented disabilities** (through NCSU's DSO) will be given all necessary accommodations. Instructor must have paperwork well before testing begins.

Academic Integrity Statement: Academic dishonesty includes the giving; taking, or presenting of information or material by a student with the intent of unethically or fraudulently aiding oneself or another person on any work which is to be considered in the determination of a grade or the completion of academic requirements. More specific definitions are set in the NCSU Code of Student Conduct. The honor pledge: "I have neither given nor received unauthorized aid on this test or assignment."

Final Exam: Thursday, December 13, 8:00 – 11:00 am,   SAS2203
J. Griggs' homepage (link to class notes and test solutions): **http://www4.ncsu.edu/~jrgriggs/**
Webassign homepage: http://webassign.ncsu.edu