Course 2 (Fall 2015) Intro Mod Analysis MAA 4226/5228
Sections 1484/8525

Time and Location
MWF 4, Little 205; 10:40am-11:30am.
Office Hour: MHF 12:30-1:30pm.

Description and Goals
This course will cover real and complex number systems in Ch 1. In Chapter 2 we study metric spaces and basic topology, compact sets, properties, perfect sets. In Ch 3 we study sequences and series, the root and ratio tests. Ch 4 continuity, compactness, monotone functions. Ch 5 differentiation, mean value theorems, L'Hopital's rule, Taylor's theorem. In Ch 6 the Riemann-Stieltjes integral and properties is covered.

Textbook:

Homework
Homework will be assigned after each lecture. I will collect the homework from time to time.

Final Grades
Exam one (mid-term) September 9 (20%)
Exam two (mid-term) October 5 (20%)
Exam three (mid-term) November 9 (20%)
Homework –10%
Final exam -TBA 30%

Grading Scale
A: 85+ or above; B+: 75-84; B: 70-74; C+: 65-69; C: 60-64; D: 50-59; E: 0-49.

Attendance and Late Policy
ABSOLUTELY NO MAKEUPS WITHOUT MEDICAL DOCUMENTATION. Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:
https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

Students that need accommodation
Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Information on current UF grading policies for assigning grade points:
https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

Information on course evaluation
Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/summaries/.