ME 305 (Sec. 001) Modeling and Analysis of Dynamic Systems, Fall 2018

TR 8:00am - 9:15am; Room: Dillard 201

Instructor: Professor Bostwick   Office: Fluor Daniel 219   Phone: (864) 656-5625
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Office Hours: MW 4:00pm-5:00pm and by appointment.
Book: System Dynamics (3rd ed.) by Palm.
Website: https://www.clemson.edu/canvas/

Prerequisite: ECE 307, MA 208 and 360. Knowledge of Matlab or equivalent computing software.

Grading and Exams:
1. Homework (20% of final grade)
2. Design Project (10%)
3. Two midterm exams (2x20%=40%)
4. Final exam (30%).

Basic Grading Scale: 90%-100%: A, 80%-89%: B, 70%-79%: C, 60%-69%: D, <59%: F. The final grades will be curved, if necessary.

Course Objectives: Develop mathematical models for mechanical, electrical, electromechanical and fluid systems.

Class Policies:
1. You can work on homework problems with other students, but any work submitted for academic credit is expected to be your own.
2. You are expected to attend all classes on time. Classroom discussion and questions in class help clarify issues in this course, so please feel free to participate by asking questions.
3. Arriving late for a class or leaving early is very disruptive of class. If you need to leave early, please let me know at the beginning of class, and sit near the door so you can slip out quietly.
4. If you are unavoidably absent from a test, it is your responsibility to provide the instructor with documentation outlining your absence. No makeup exams will be given and your final grade will be computed from the average of the remaining components.

Academic Integrity Statement: As members of the Clemson University community, we have inherited Thomas Green Clemson’s vision of this institution as a “high seminary of learning.” Fundamental to this vision is a mutual commitment to truthfulness, honor, and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in any form. Students are expected to follow university guidelines, which may be viewed by following the link http://www.clemson.edu/academics/integrity/

Further Statements: Reasonable accommodations will be made for students with verifiable disabilities. In order to take advantage of available accommodations, students must register with Student Accessibility Services http://www.clemson.edu/campus-life/campus-services/sds/. All extra time exams will be taken in the testing center. Please plan accordingly.
Clemson University Title IX (Sexual Harassment) statement: Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran’s status, genetic information or protected activity in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972. This policy is located at http://www.clemson.edu/campus-life/campus-services/access/title-ix/. Ms. Alesia Smith is the Clemson University Title IX Coordinator, and the Executive Director of Equity Compliance. Her office is located at 110 Holtzendorff Hall, 864.656.3181 (voice) or 864.656.0899 (TDD).