Course Title: Introduction to Differential Equations with Applications, Math 355–01
Credits: 4
Prerequisite: MATH 221 and either MATH 226 or MATH 228 (C- or higher).

Course Description: Introduction to analytical, geometric, and numerical methods for solving ordinary differential equations. Basic models of physical systems using ordinary differential equations. Introduction to software used for solving ordinary differential equations. Laplace transforms.

Instructor: Oscar Perdomo
Webpage: http://www.math.ccsu.edu/hive/faculty/perdomo.html

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Office: Marcus White 123
Office Hours: Monday and Wednesday: 11:00 AM - 12:00 AM at MW 123
Tuesday and Thursday: 9:15 AM – 10:45 AM at MW 123


Class Meeting Times: MW 1:40 PM - 3:20 PM, Frank DiLoreto Hall 106

Course Requirements: Attendance is mandatory; take quizzes and tests, as scheduled. A general rule for any college course is that you are expected to put in at least 2 hours of work outside of class for every hour in class.

Coverage: We cover material from the first six chapters of the book.

Cell phones Laptops and other communication devices: Must be turned off at all times during class. Texting during the lecture is not allowed.

Evaluation: There will be quizzes, two in class tests and a final exam. Each test is worth 25%, the final is worth 30% and quizzes 20%. Minimum averages have been established for each of these grades: A 94% A– 90% B+ 87% B 83% B– 80% C+ 77% C 73% C– 70% D+ 67% D 63% D– 60%

Final Exam: Wednesday May 11, 2:00 PM – 4:00 PM.
University Policies:

1. You must take the final examination at the time specified in the course selection book add time appropriate for your section.

2. Please contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition, or if you have emergency medical information to share. I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, Willard Hall, 101-04 if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.

3. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the “general snow message.”

5. You are responsible for understanding and abiding by the University’s policy on academic integrity. Information on the policy may be found at http://www.ccsu.edu/AcademicIntegrity/. This policy is rigorously enforced by the Department of Mathematical Sciences.

4. The last day to drop this course without approval is April 18, 2016. Before this date, approvals for withdrawal are not required; however, it is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center, are not considered official notice of a student’s intention to drop the course. After Monday April 14, withdrawals are allowed only under extenuating circumstances and with appropriate supporting documentation and require approval of the course instructor, department chair and dean of the School of Arts and Sciences.

5. Central Connecticut State University is committed to providing a learning and working environment that emphasizes the dignity and worth of every member of its community. Sexual harassment (including sexual assault) in any form will not be tolerated. Sexual harassment means unwelcome sexual advances, requests for sexual favors, and/or other verbal or physical conduct of a sexual nature. Such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance or creating an intimidating, hostile, or offensive working or academic environment in any University activity or program. For additional information, please consult the CCSU policies at http://www.ccsu.edu/page.cfm?p=1333. All faculty members and staff have a duty to report incidents of sexual harassment including sexual misconduct, intimate partner violence and stalking to Rosa Rodriguez, Title IX Officer, Office of Diversity and Equity, Davidson Hall, 102.

To file a report contact: Diversity and Equity (860-832-1652); Student Affairs (860-832-1601); Student Conduct (860-832-1667) or the University Police (860-832-2375).