

Syllabus: Math 308, Fall 2016, Sections 508 & 514

Instructor

- Name: Pavlos Motakis
- Office: BLOC 525D
- email: pavlos@math.tamu.edu
- Webpage: <http://www.math.tamu.edu/~pavlos/>
- Office hours: Tuesday and Thursday, 14:10 to 15:40 p.m. (or by appointment).

Lectures

- Section 508: Tuesday and Thursday, 11:10 - 12:25 at BLOC 128.
- Section 514: Tuesday and Thursday, 15:55 - 17:10 at BLOC 128.

Description

- Title: Differential Equations.
- Credits: 3
- Prerequisites: MATH 251 or equivalent; knowledge of computer algebra system.
- Webpage:
 - Common: <http://www.math.tamu.edu/courses/math308/>.
 - Specific to section: <http://www.math.tamu.edu/~pavlos/courses/Fall2016/Math308.html>.
- Course description: Ordinary differential equations, solutions in series, solutions using Laplace transforms, systems of differential equations.
- **Suggested** schedule: <http://www.math.tamu.edu/courses/math308/308currentsched.html>
The actual schedule may differ from the one above.
- Textbook: Elementary Differential Equations, (Custom TAMU Edition) 10th Edition, by W. E. Boyce and R. C. DiPrima, John Wiley & Sons, Inc. Access to an electronic version of the required textbook has been included in the course fee.

Help sessions

The Mathematics Department offers help sessions for Math 308. For further information, please visit <http://math.tamu.edu/courses/helpsessions.html>.

Grading

The final grade of the course will be based on homework (10%), weekly quizzes (25%), two in-class exams (20% each) and a cumulative final exam (25%). Letter grades will be determined as follows: A (90% - 100%), B (80% - 89%), C (70% - 79%), D (60% - 69%), and F (0% - 59%).

Homework

Homework will be given by the end of the last lecture each of week of classes and it will be due by the end of the last lecture of the following week of classes. It will mostly be comprised of problems from the textbook and it will occasionally involve the use of a computer algebra system.

Quizzes

Quizzes will be given at the end of the first lecture of each week of classes and will be based on material covered the preceding week of classes.

Exams

There will be two in-class exams and a cumulative final exam.

- Exam dates:
 - First in-class exam: Tuesday, September 27 (during class time)
 - Second in-class exam: Tuesday, November 8 (during class time)
 - Final Exam:
 - Section 508: Friday December 9, 15:00 to 17:00.
 - Section 514: Tuesday December 13, 13:00 to 15:00.
- During exams, all electronic devices (including, but not limited to, calculators, cellphones, laptops, tablets) are strictly forbidden. If you are unable to comply with this policy, you will be asked to leave class and will not be allowed to make-up any assignments missed in class that day. Don't forget to bring your ID to the exams!

Attendance, Make-ups, and Cheating

- Academic Integrity Statement: Remember the Aggie code of honor; "An Aggie does not lie, cheat, or steal, or tolerate those who do." Please visit <http://student-rules.tamu.edu/aggiecode> for more details. There is no tolerance for any violation of the Aggie honor code.
- Make-up exams will be given only to students providing a University-approved excuse. If you miss an exam, you have to notify your instructor within 48 hours. Otherwise, the student forfeits her/his right to make-up. Visit <http://student-rules.tamu.edu/> for more details.
- Disability services: 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 believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit <http://disability.tamu.edu>.

The syllabus is subject to change at the instructor's discretion.