

Course: MATH 537 Mathematical Modeling, MW 6:30-7:45pm, DH 303

Text: None. Material will be provided on Blackboard

Instructor: Henjin Chi

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Office Hours: MTWTh 2:30 PM-3:30 PM, and by appointment

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Prerequisites: MA 333 Differential Equations and MA 413 Linear Algebra

The course will consist of your solving approximately 15 problem sets which will require using techniques from algebra, geometry, linear algebra and differential equations. A problem set will be given out each week and you will be required to turn it in the following week. There will be one Midterm and one Final Exam.

Your course grade will be based on the total points you receive on the problem sets. (40%), Midterm (30%), Final (30%). Your letter grade will be determined by the Percentage to Grade Table which appears below.

Percent to Grade Table

93%-100%	A	68%-71.9%	C
88%-92.9%	A-	64%-67.9%	C-
84%-87.9%	B+	60%-63.9%	D+
80%-83.9%	B	56%-59.9%	D
76%-79.9%	B-	52%-55.9%	D-
72%-75.9%	C+	Less than 52%	F

Academic Freedom

Indiana State follows the American Association of University Professors' guidelines for academic freedom as described on their website (<http://aaup.org/academic-freedom-students-and-professors-and-political-discrimination>): Teachers are entitled to freedom in the classroom in discussing their subject, but they should be careful not to introduce into their teaching controversial matter which has no relation to their subject.

Academic Honesty

It is imperative that you adhere to standard practices of academic honesty and integrity in this course. I encourage you to review the University's Academic Dishonesty Policy found in the Student Code of Conduct (see <https://www.indstate.edu/student-conduct>). If I find that you have violated any part of the Academic Dishonesty Policy, at minimum, you will receive an F on the assignment, and possibly in the course.

Academic dishonesty is not tolerated at Indiana State. The penalties can be severe and include: failing the assignment, failing the course, and referral to Student Judicial Programs to face form conduct charges. Students found in violation may be suspended or expelled and can have a permanent notation affixed to the official transcript indicating that an academic integrity violation occurred.

Sexual Harrassment Conduct Code

Indiana State University fosters a campus free of sexual misconduct including sexual harassment, sexual violence, intimate partner violence, and stalking and/or any form of sex or gender discrimination. If you disclose a potential violation of the sexual misconduct policy, I will need to notify the Title IX Coordinator. Students who have experienced sexual misconduct are encouraged to contact confidential resources listed below. To make a report to the Title IX Coordinator, visit the Equal Opportunity and Title IX website: <http://www.indstate.edu/equalopportunity-titleix/titleix>.

Confidential Resources:

The ISU Student Counseling Center – HMSU 7th Floor; 812-237-3939; www.indstate.edu/cns
The ISU Victim Advocate – Leah Reynolds; HMSU Room 813; 812-237-3829(office); 812-243-7272; leah.reynolds@indstate.edu Campus Ministries - <http://www2.indstate.edu/sao/campusinistries.htm>;

For more information on your rights and available resources: <http://www.indstate.edu/equalopportunity-titleix/titleix>

On Blue Online Education Program

ISU is committed to the prevention of sexual harassment, sexual violence, and intimate partner violence and stalking.

For additional information about the It's On Blue go to www.indstate.edu/itsonblue.

Questions about the It's On Blue initiative should be directed to itsonblue@mail.indstate.edu.

Accessibility

Indiana State University recognizes that students with disabilities may have special needs that must be met to give them equal access to college programs and facilities. If you need course adaptations or accommodations because of a disability, please contact us as soon as possible in a confidential setting either after class or in my office. All conversations regarding your disability will be kept in strict confidence. Indiana State University's Student Support Services (SSS) office coordinates services for students with disabilities: documentation of a disability needs to be on file in that office before any accommodations can be provided. Student Support Services is located on the lower level of Normal Hall in the Center for Student Success and can be contacted at 812-237-2700, or you can visit the ISU website under A-Z, Disability Student Services and submit a Contact Form. Appointments to discuss accommodations with SSS staff members are encouraged.

Emergency Services

Unfortunately a catastrophic event could occur on a local, regional, or national level that disables communication to or from Indiana State University. Students should provide for their own safety and the safety of their family and then contact their instructors by phone, private e-mail, or through alternately provided numbers. Every effort on the faculty's part will be made to reasonably attempt to continue with the course and to meet the course objectives. If, for any reason, there is no internet or telephone communication available for an extended period of time, postal service will be used to continue; and in this instance students will be awarded incomplete grades until revised completion plans can be determined. The [Department of Public Safety](#) website can be accessed for the emergency response plan and other documents concerning student and faculty safety.