

**MATH 20580-01: Linear Algebra and Differential Equations, Fall 2008**  
**Course Information**

COURSE INSTRUCTOR:

Professor Yongtao Zhang [yzhang10@nd.edu](mailto:yzhang10@nd.edu) Hayes-Healy 242 631-6079

TEACHING ASSISTANT:

Richard Gejji [rgejji@nd.edu](mailto:rgejji@nd.edu) Hayes-Healy 215 631-3107

CLASS TIMES:

20580-01: MWF 8:30am-9:20am DeBartolo Hall 136

TUTORIALS:

22580-11: R 11:00am-11:50am Hayes-Healy 117 Gejji  
22580-12: R 2:00pm-2:50pm Hayes-Healy 231 Gejji

OFFICE HOURS:

Yongtao Zhang MWF 5:00pm-6:00pm or by appointment and drop-in (when available), Hayes-Healy 242  
Richard Gejji TBA or by appointment and drop-in (when available), Hayes-Healy 215

TEXTBOOK: Linear algebra and its applications (3rd ed) by David Lay. Elementary Differential Equations and Boundary Value Problems (8th ed) by William Boyce and Richard DiPrima.

EXAMS: Three mid-term exams and a two-hour final exam will be given on the following dates:

Exam I	T 9/23	8:00am-9:15am	Hayes 231
Exam II	T 10/14	8:00am-9:15am	Hayes 231
Exam III	T 11/18	8:00am-9:15am	Hayes 231
Final	Weds 12/17	1:45pm-3:45pm	Room TBA.

Exams may be made up only with an excused absence from the Assistant Vice President for Residence Life. Conflicts with exams in other courses must be resolved during the first week of classes.

HOMEWORK ASSIGNMENTS: Homework sets are in general due Thursdays in tutorial sessions. Homework assignments will be announced in class. Assignments and other course information will also be posted on the course web-page:

<http://www.nd.edu/~yzhang10/20580.html>

TUTORIAL SESSIONS: You are expected to attend every class including your assigned tutorials. Excessive absences may result in lowering your grade and even failing the course. In fact, if you fail to attend 10 tutorials your grade will be dropped by 20 points.

HONOR CODE: As a member of the Notre Dame community, I will not tolerate academic dishonesty. You are encouraged to work together on the assignments, but copying in any form or submitting work done by others as your own is a violation of the Honor Code.

GRADES: Course grades will be based on a total of 500 points broken down as follows:

Exams I-III	3 @ 100	=	300
Final		=	150
Homework/tutorials		=	50