**MATH 20580-05:**     **Linear Algebra and Differential Equations,**     **Spring 2011**
**Course Information**

INSTRUCTOR:

Zhiliang Xu    zxu2@nd.edu    HAYE 226    631-3423

TEACHING ASSISTANTS:

Nicole Kroeger    nkroeger@nd.edu    Hurley 281    631-9585

CLASS TIMES:

20580-05:    MWF 9:35am–10:25am    DeBartolo Hall 141

TUTORIALS:

| 22580–51: | R 9:30am-10:20am | Pasquerilla Center 116 | Nicole Kroeger |
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| 22580–52: | R 12:30pm-1:20pm | HAYE 129 | Nicole Kroeger |

OFFICE HOURS:

| Zhiliang Xu: | M 4:30 - 5:30 , W 4:30 - 5:30 | or by appointment and drop-in (when available) |
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| Nicole Kroeger: | T 3:45 - 4:45 , W 4:00 - 5:30 | |

TEXTBOOKS: Linear algebra and its applications (3rd ed) by David Lay, and
Elementary Differential Equations and Boundary Value Problems (9th ed) by W. Boyce & R. DiPrima.

ATTENDANCE: You are expected to attend every class including your assigned tutorials. Excessive absences may result in lowering your grade and even failing the course.

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

| Exam I | R 2/17 | 8:00–9:15 | Haggar Hall 117 |
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| Exam II | T 3/22 | 8:00–9:15 | Haggar Hall 117 |
| Exam III | R 4/21 | 8:00–9:15 | Haggar Hall 117 |
| Final | Friday 5/13 | 1:45–3:45 | 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.

ASSIGNMENTS: Homework assignments will be announced in class. Assignments and other course information will also be posted on the course webpage

http://www.nd.edu/~zxu2/Math20580-S11.html

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 | | = | 50 |