

# MATH 3013—Linear Algebra

## Summer, 2010

**Instructor:** Dr. Robert Myers, Professor of Mathematics

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**Office Hours:** MTWR 1:00–2:00 PM, or by appointment

**Online Classroom (Desire2Learn, D2L):** <https://oc.okstate.edu>

**Text:** *Linear Algebra, 3rd Edition*, by John B. Fraleigh and Raymond A. Beauregard. The *Student's Solutions Manual*, which contains solutions to every 3rd problem, is optional. We will cover selected portions of Chapters 1–7 and possibly some additional topics. Some of these topics may be from outside the book; notes and exercises on such material would be put on the course Web page.

**Quizzes and Homework:** During most weeks some quizzes (closed book and closed notes, unless otherwise indicated) will be given. Homework will be assigned, but it will not be collected or graded. Nevertheless, it is extremely important that you work on the homework problems; the quizzes will consist of similar problems.

**Exams:** There will be three regular hour examinations. The dates of the exams will depend on the rate at which we cover the material. There will be no final exam. Unless otherwise indicated, exams will be closed book, closed notes.

**Grading:** Each regular exam is graded on a 100 point scale and counts 30% of your total course score. There is no curving of exam scores.

The quizzes may be graded on different point scales. At the end of the course your total quiz score will be adjusted to a 100 point scale as follows. A certain number of quiz points will be dropped from the actual maximum possible number of points to obtain a certain “perfect score”. For example, if the actual maximum possible number of quiz points were 150, and if 30 points were dropped, then the “perfect score” would be 120. You will then be assigned the percentage (up to 100) of this “perfect score” that you have earned. Continuing with our example, if you earned 90 quiz points, then your total quiz percentage would be 75 (90 out of 120) instead of 60 (90 out of 150). If, in this example, you earned 120 or more quiz points then you would receive the maximum of 100. The number you are assigned will then count 10% of your total course score.

The following formula will give you a total course score which is some number out of 1000.

$$\text{TOTAL} = 3(\text{EXAM 1} + \text{EXAM 2} + \text{EXAM 3}) + \text{QUIZ}\%$$

If you make at least the following total score, you will make at least the indicated letter grade. (Depending on the distribution of scores, it is possible that lower cutoffs may be used.)

$$900 \text{ points—A, } 800 \text{ points—B, } 700 \text{ points—C, } 600 \text{ points—D}$$

**Partial Credit:** On quizzes there will be very little, if any, partial credit. On exams the amount of partial credit will depend primarily on how much of a problem you do correctly. On both quizzes and exams it is extremely important that you write down all of the steps involved in getting your final answer, not just the final answer by itself, in order to get credit.

**Blue Books:** You must provide me with three BLANK blue books (small size). Do not put your name on them. Blue books with anything written on, crossed or whited out, or erased will not be accepted. Five points will be deducted from each exam score until the blue books are provided, at which time the points will be restored.

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**WWW:** The Online Classroom page for this course will contain quiz and exam solutions, reviews, and possibly other material, such as notes and exercises on supplemental topics and links to linear algebra resources on the Web.

**Electronic Device Usage:** Unless otherwise indicated the use of calculators, computers, cell phones, or other electronic devices will not be permitted during quizzes and exams.

**Makeups:** The procedure described earlier of dropping a certain number of quiz points to obtain a “perfect score” is the official mechanism for dealing with missed quizzes. Therefore, there will be no makeups for missed quizzes, no matter what the reason why the quizzes were missed.

Makeups for exams will be given only for serious and unavoidable reasons. You should try if at all possible to contact me before the regularly scheduled exam time. These makeup exams may be somewhat harder than the original exams.

**OSU Syllabus Attachment:** <http://osu.okstate.edu/acadaffr/aa/syllabusattachment-Sum.htm> This contains important information on such matters as dropping classes, academic integrity, and student disability services.