South Dakota School of Mines and Technology
MATH 315 – Linear Algebra  Spring 2011
Section 1 12:00 – 12:50 MWF McLaury 306

Professor: Don Teets (donald.teets@sdsmt.edu)
Office: McLaury 316F (phone 355-3452)
Hours: MWF 8:30-9:30 am, Th 2:00-2:50 pm. Feel free to stop by my office at other times as well. If you’re having trouble finding me outside of class, talk to me just before or after class. I will find a time that works for both of us!

Text: Linear Algebra: A Geometric Approach (Shifrin and Adams, 2nd ed.) We will cover selected topics from Chapters 1-6.

Catalog course description
MATH 315 Linear Algebra (3-0) 3 credits. Prerequisite: MATH 225 or permission of instructor. Course topics include the theory and applications of systems of linear equations, matrices, determinants, vector spaces, linear transformations and applications.

Instructional Methods
This course will be conducted in a lecture / discussion format, with frequent opportunities for students to ask questions.

Homework
Homework will be assigned frequently. Some will be turned in and graded, and some will not. Homework scores will be scaled to total 100 points (i.e., scaled homework score = homework total / homework possible * 100). As with all mathematics courses, it will be difficult to succeed without doing all or most of the assigned exercises.

Quizzes
We may have occasional quizzes as the need arises. If so, the quiz will be announced at least one class period in advance. A point earned on a quiz will carry the same weight as a point earned on an exam.

Hour Exams
We will have two 100-point hour exams during the semester, roughly mid-February and mid-March (after spring break). Exact dates will be announced at least a week in advance. Arrangements for taking missed exams will be made on an individual basis, but only if the student provides at the earliest opportunity an adequate reason for missing the exam.

Final Exam
A comprehensive final exam worth 150 points will be given Thursday, May 5, from 8:00 am to 9:50 am. (Under no circumstances will it be given early!)

Grading
Points earned on homework (scaled as described above), quizzes, hour exams and the final exam will all carry the same weight. Course grades will be determined according to the following percentage scale:

<table>
<thead>
<tr>
<th>Points</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90-100</td>
<td>A</td>
</tr>
<tr>
<td>80-89</td>
<td>B</td>
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<tr>
<td>70-79</td>
<td>C</td>
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<tr>
<td>60-69</td>
<td>D</td>
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<tr>
<td>0-59</td>
<td>F</td>
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It is possible that this standard may be lowered, but it will not be raised. Note that + or - grades are no longer possible.

Attendance and Conduct
Students are expected to read and follow policies on Attendance, Conduct, and Academic Integrity in the SDSM&T Catalog. In particular, you should be aware that the penalty for cheating in any course at SDSMT “…shall be at the discretion of the instructor…” and “…may range from requiring the student to repeat the work in question to failure in the course.”

ADA Statement
Students with special needs or requiring special accommodations should contact the instructor and/or the campus ADA coordinator, Dr. Jolie McCoy, at 394-1924 at the earliest opportunity. In particular, students who have been granted special accommodations for exams MUST MAKE ARRANGEMENTS FOR EACH EXAM with the instructor. This must be done DURING THE WEEK PRECEDING EACH EXAM.

Freedom in Learning
Students are responsible for learning the content of any course of study in which they are enrolled. Under Board of Regents and University policy, student academic performance shall be evaluated solely on an academic basis and students should be free to take reasoned exception to the data or views offered in any course of study. Students who believe that an academic evaluation is unrelated to academic standards but is related instead to judgment of their personal opinion or conduct should contact the dean of the college that offers the class to initiate a review of the evaluation.