INSTRUCTOR: Julie Dahl  
OFFICE: McLaury 302; phone: 355-3456, email: julie.dahl@sdsmt.edu  
Office hours MTWF 9:00-9:50, MTW 2:00-2:30  
TEXT: Calculus: Jon Rogawski

Web access for this class is through D2L, which can be accessed at https://d2l.sdbor.edu

This section of Math 225 is a tablet PC course. A tablet PC is required for this class. Although we may not use the tablet in class every day, you will be required to submit homework using the tablet.

On D2L, you will find announcements, exam dates, lectures, assignments, reviews, etc. This course is delivered by in-class lecture and is not intended to be a distance course. Attendance is expected but not required; however, as noted below, homework is collected almost every day and late homework is not accepted. You will be submitting your daily homework assignments via the D2L site.

MATH 225 CALCULUS III (4-0) 4 credits. Prerequisite: MATH 125 completed with a grade of “C.” A continuation of the study of calculus, including an introduction to vectors, vector calculus, partial derivatives, and multiple integrals.

MATERIAL TO BE COVERED IN COURSE:
Weeks 1-5 – parametric and polar equations, equations of lines and planes, vector-valued functions  
Weeks 5-8 - functions of several variables  
Weeks 9-11 - multiple integrals and applications  
Weeks 12-15 - vector calculus

The final exam is scheduled for Tuesday, December 13, from 3:00 until 4:50 PM

GRADING POLICIES:

Grades will be based on 4 exams, a mandatory comprehensive final exam, and homework. Homework is collected almost every day. One make-up exam per semester will be allowed only if the student has notified the instructor in advance of or on the day of the exam with a good reason for missing the test. There will be several computer (Maple) assignments during the semester, and if you choose to submit fewer than half of them, a penalty will be assessed as follows: the number of points assigned for all the computer assignments will be quadrupled. For example, if there are 3 Maple assignments worth a total of 25 points, and you only submit one of the three, earning a score of 6, you will be penalized. Those assignments are now worth 100 points, and instead of getting 6/25 for your computer score, you will get 6/100.

Because the total number of points can vary from semester to semester, depending on number of quizzes, points on
the final, homework collected, etc., the following are approximations.

Tests One and Two - 15-20% each  
Tests Three and Four - 9-15% each  
Daily Homework - 7-8%  
Other Homework – 3-4%  
Final Exam - 22-26%  

GRADING SCALE:

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90 % - 100 %</td>
<td>A</td>
</tr>
<tr>
<td>80 % - 90 %</td>
<td>B</td>
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<tr>
<td>70 % - 80 %</td>
<td>C</td>
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<tr>
<td>60 % - 70 %</td>
<td>D</td>
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<tr>
<td>0 % - 60 %</td>
<td>F</td>
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HOMEWORK POLICY:
Homework must be saved as a Windows Journal file and submitted via D2L  
Each assignment is worth 2 points (so will be assigned a score of 0, 1, or 2).  
The score on each assignment is based on level of completion of assignment.  
Five assignments will be thrown out for everyone.  

- No makeups  
- No late assignments  
- No excused homeworks

If you don’t submit an assignment, it’s one of the 5 dropped assignments.  
Approximately 25 assignments will be collected.

BEHAVIOR IN CLASS, ELECTRONIC DEVICES POLICY, AND CHEATING: During lectures, minimize conversations with your classmates. If you consistently violate this policy, you may be asked to exit the room.

The use of electronic devices such as cell phones, mp3 players, etc. in class is not acceptable. Turn them off before coming to class. No text messaging in class. No headphones. If you wish to use a laptop in this class for purposes of note taking, that’s great; however, it should be in tablet mode, with the lid rotated and down, and you are not allowed to use the computer to communicate with other students during class. No other use of any other electronic/computer media is allowed during class time. Note that according to “Policy Governing Academic Integrity” in the SDSM&T Undergraduate Catalog, the instructor of record for this course has discretion of how acts of academic dishonesty are penalized, subject to the appeal process, and that “Penalties may range from requiring the student to repeat the work in question to failure in the course”

In addition, for this class, if you cheat on an exam or assignment, you could fail the course. You will not receive any credit for that assignment, and your name may be turned in to the Dean of Students. Working together and discussing homework is acceptable. Copying someone else’s work is cheating. For more information on cheating, see the policy governing academic integrity below.

Student Academic Freedom Rights The School of Mines and the South Dakota Board of Regents have a longstanding commitment to protecting those freedoms of inquiry and learning that are essential to the expansion of knowledge and the correction of error. This includes protections for student freedom in learning. In its relevant parts, Board of Regents policy, which applies to the School of Mines and to all other public universities, provides the following:
A. To secure student freedom in learning, faculty members in the classroom and in seminar should encourage free
Students with special needs or requiring special accommodations should contact the instructor, (Julie Dahl at 355-3456) and/or the campus ADA coordinator, Jolie McCoy, at 394-1924 at the earliest opportunity.