Math1220-002  
Calculus II  
Spring 2010 (M,T,W,F 10:45 – 11:35, JWB 335)  

Instructor: Maritza Sirvent  
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e-mail: sirvent@math.utah.edu  
Phone: 801-581-7916  
Office hours: right after lecture or by appointment  


Topics to be covered:  
- Transcendental Functions (Ch. 6)  
- Techniques of Integration (Ch. 7)  
- Indeterminate Forms and Improper Integrals (Ch. 8)  
- Infinite Series (Ch. 9)  
- Conics and Polar Coordinates (Ch. 10)  

Midterms. There will be three in class midterm exams.  
- Exam #1: Friday February 5  
- Exam #2: Friday March 5  
- Exam #3: Friday April 9  

Final Exam. There will be a comprehensive in class final exam.  
- Final exam: Tuesday May 4 (10:30 – 12:30)  

Grading:  

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
<th>Total:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exams: 100 points each</td>
<td>300 points</td>
<td></td>
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<tr>
<td>WeBWorK assignments</td>
<td>100 points</td>
<td></td>
</tr>
<tr>
<td>Final Exam: 150 points</td>
<td>150 points</td>
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There are no make-ups for exams and webwork assignments. Of the four basic components (three regular exams and webwork assignments), the lowest of these scores will be dropped. So you can earn a total of 450 points.  

Grading Scale:  

<table>
<thead>
<tr>
<th>Grade</th>
<th>90-100</th>
<th>87-89</th>
<th>83-86</th>
<th>80-82</th>
<th>77-79</th>
<th>73-76</th>
<th>70-72</th>
<th>67-69</th>
<th>63-66</th>
<th>60-62</th>
<th>57-59</th>
<th>else</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>A-</td>
<td>B+</td>
<td>B</td>
<td>B-</td>
<td>C+</td>
<td>C</td>
<td>C-</td>
<td>D+</td>
<td>D</td>
<td>D-</td>
<td>E</td>
<td></td>
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Tentative semester schedule:

Week 1 (Jan 11 – Jan 15) Sections 6.1 – 6.3

Week 2 (Jan 18 – Jan 22) Sections 6.4, 6.5, 6.8  
...Monday Jan 18 Martin Luther King Jr. Day

Week 3 (Jan 25 – Jan 29) Sections 6.9, 6.6, 15.1

Week 4 (Feb 1 – Feb 5) Sections 6.7 and review  
...Friday Feb 5 exam #1

Week 5 (Feb 8 – Feb 12) Sections 7.1 – 7.3

Week 6 (Feb 15 – Feb 19) Sections 7.4 – 7.5  
...Monday Feb 15 President's Day

Week 7 (Feb 22 – Feb 26) Sections 7.6, 8.1 – 8.3

Week 8 (Mar 1 – Mar 5) Sections 8.4 and review  
...Friday Mar 5 exam #2

Week 9 (Mar 8 – Mar 12) Sections 9.1 – 9.3

Week 10 (Mar 15 – Mar 19) Sections 9.4 – 9.6

Week 11 (Mar 22 – Mar 26)  
...Spring Break

Week 12 (Mar 29 – Apr 2) Sections 9.6 – 9.9

Week 13 (Apr 5 – Apr 9) Sections 9.9 and review  
...Friday Apr 9 exam #3

Week 14 (Apr 12 – Apr 16) Sections 10.1 – 10.4

Week 15 (Apr 19 – Apr 23) Sections 10.5 – 10.7

Week 16 (Apr 26 – Apr 28) review
Mathematics Tutoring Service (T. Benny Rushing Mathematics Student Center):
Located between LCB and JWB on Presidents Circle.
This center offers free, drop-in tutoring. Will open Tuesday, January 19, and the hours are: 8:00 AM – 8:00 PM Monday – Thursday and 8:00 AM – 6:00 PM on Friday. The tutoring center is closed on weekends and University holidays.

Drop-in Computer Lab. All students enrolled in a math class have access to the undergraduate computer lab in the Rushing Student Center. The lab opens Monday, January 11, and will be open during the same hours as the math tutoring center. When the lab is closed you may access the math systems from the physics department computer lab in 205 South Physics, but you need to arrange for card access at www.physics.utah.edu. You have an account on the Math Department computer facilities, and there is an assistant in the lab who can help you get started. In particular you can bring up a browser and use WeBWorK.

WeBWorK: is a www based computer system developed at Rochester University that enables students to answer questions online via web browser. The system tells you whether or not your answer is correct, and lets you try again if your answer is wrong. This is what we will be using for all of the homework assignments in our class. You just need a browser to access this program.

The link is: http://webwork1.math.utah.edu/webwork2/math1220spring2010-2/

Your login is: c-abcdxx

Where “a” and “b” are the first and last letter of your last name, “c” and “d” are your initials, “xx” may be some added digits in case someone else would have the same login name.
Your password is your student ID number.

Blackboard Vista (formerly WebCT): is a learning management system that will be used in our class to deliver course contents, make announcements, post useful links, send e-mail, etc.

The link is: http://webct.utah.edu

Your login and password are the same as the ones you use to enter the student portal of the university.

You can also access Blackboard Vista through the student portal of the university at http://my.utah.edu

Deadlines: A list of deadlines for this semester is available from the University of Utah's Registrar Office.