MATH 202-2: Calculus for Business and Economics

Course Syllabus Spring 2015

MWF 1:10pm-2:00pm, Room: Fulm 201

Instructor: Dr. Danhong(Dawn) Zhang

Office Phone: 509-335-0507 (email preferred)

Email: danzhang@wsu.edu (Please include your course name and section number in the subject line when you email me, since I teach multiple courses and sections)

Office: Neill 319

Office hours: Tuesdays and Thursdays @ 9:30am-2:00pm; or by appointment.

Class website: http://www.math.wsu.edu/faculty/dzhang

Teaching Assistant: TBA

Prerequisites: Math 106 (or 107, or 201) with a grade of C or better, or satisfactory math placement score (65%). Credit not normally granted for more than one of math 140, 171, 202, 206.

Course Material

MyMathLab subscription (Required)

Homework will be assigned and completed via MyMathLab. See the handouts posted on class website to guide you through signing up for MyMathLab. If you have a subscription from Math 201, it will still be valid for this semester; however, you will still have to enroll for this course. Be sure to sign up as soon as you can, Homework 1 is due Friday. Please see or email me as soon as possible with any enrollment issues and concerns.

Print Textbook (Optional, a digital copy is available via your MyMathLab subscription)

College Mathematics for Business, Economics, Life Sciences and Social Sciences.


Text is available for purchase in The Bookie, Crimson & Gray, or amazon.com.

Check your grade: http://my.math.wsu.edu/ (when you log in, click ‘info’ tab).
Course Description

We will be covering most sections of chapter 10 to chapter 15. Topics include: Limits, The Derivative and Rules, Implicit Differentiation, Related Rates, Curve Sketching (graphing), L’Hospital’s Rule, Optimization, Antiderivatives and Indefinite Integrals and Rules, Definite Integrals and The Fundamental Theorem of Calculus, Applications of Definite Integrals, Introduction to Multivariable Calculus.

Form of instruction: lecture and online homework assignments.

Final exam

There will be a comprehensive final exam on Wednesday May 6, 7:00pm to 9:00pm. (Room will be announced during dead week) Note that university policy does not allow us to give early finals. Please make your travel plans accordingly.

Grading system

Your overall grade in this course is based upon the following point system:

10 Quizzes --------------------------150pts (15pts each)
12 Online homework assignments-----180pts (15pts each)
2 exams @ 100pts each ---------------200pts
Final exam-------------------------------200pts,
Category W Assignment ----------------70pts
Total------------------------------------------800pts, 100%

Grading Scale

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>A</th>
<th>A-</th>
<th>B+</th>
<th>B</th>
<th>B-</th>
<th>C+</th>
<th>C</th>
<th>C-</th>
<th>D+</th>
<th>D</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum %</td>
<td>93%</td>
<td>90%</td>
<td>87%</td>
<td>83%</td>
<td>80%</td>
<td>77%</td>
<td>73%</td>
<td>70%</td>
<td>67%</td>
<td>60%</td>
<td>&lt;60%</td>
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<tr>
<td>Minimum Points Needed</td>
<td>744</td>
<td>720</td>
<td>696</td>
<td>664</td>
<td>640</td>
<td>616</td>
<td>584</td>
<td>560</td>
<td>536</td>
<td>480</td>
<td>&lt;480</td>
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</table>

Conduct

Under the terms of enrollment, students acknowledge the University’s authority to take disciplinary action for conduct on or off university property that is detrimental to the university’s core values. Inappropriate conducts include but not limited to: talking randomly in class, leaving early without permission, arriving very late, unauthorized use of laptop or other electronic devices, etc. They disturb the class. Please respect other
students! Each time I find improper behavior, that student may receive 1% deduction of final grade.

Class Attendance

Attendance is not required but strongly suggested. Please do not email me asking what you missed during lecture. An approximate schedule and daily class notes will be uploaded on class website so that you can keep up to date on class in case you miss it.

Quizzes

There will be approximately 11 quizzes through the semester. The highest 10 quiz (15pts for each) scores will count toward your final grade. A missed quiz is zero. Quizzes are usually given in Friday classes during the last 15 minutes. No make-up quizzes or early quizzes! No calculators, notes or books on quizzes!

Homework

There will be approximately 13 quizzes through the semester. The highest 12 scores (15pts each) will count toward your final grade. Online homework will be assigned daily on MyMathLab (www.mymathlab.com). It is your responsibility to check this website regularly and watch out for due dates (due time is always 11:59pm on due date or will be considered late). Each assignment is worth 15 points. The point distribution is as follows: 9 points will be given for assignment completion and 6 points will be given for the graded “Show Your Work” problems (approximately 2 per assignment). See the Homework Late Policy section for details on late assignments.

Homework Late Policy

You may submit MyMathLab homework late. There is a 10% penalty per day for the problems that you complete after the scheduled due date. Extensions may be granted for an academic or medical related excuse with documentation.

Category W Writing Assignment

There is a required writing assignment in this course. See the schedule for deadline details. This assignment is worth 70 points. A rubric will be provided.

Exams

There will be two midterm exams plus a final exam as noted on the schedule. Make up or early exams are given only for extremely rare cases. If you know you are going to miss an exam, please notify me as soon as possible so I can determine if a make-up or early exam is applicable. Calculators/notes/books are not allowed on exams.
Study Assistance

Successful students make use of available resources, so don't struggle when help is just a few steps away! **We want you to succeed, we're here for you, and we have FREE tutoring available in the Math Learning Center (Cleveland 130) and the computing lab in Thompson Hall (Room 1).** Check it out!

Tutoring begins the first week with the following hours:

4-9pm Sunday, 10am-9pm Monday-Thursday, 10am-5pm Friday

For more information please go to:


Other Resources

- My office hours. I’m here to help! It’s my goal to see you succeed in this class!
- CACD(Center for Advising and Career Development) has a list of private tutors. Please call at 509-335-6000 or visit 180 Lighty Student Services Building.
- The Math Department also has a list of private tutors. Please call math main office at 509-335-3926.
- Free eTutoring: [www.etutoring.org](http://www.etutoring.org)

**Academic Integrity**

Please note that we take extremely seriously the university’s policy on the need for academic honesty in all your work. Any form of dishonesty in an assignment will lead to a zero on an assignment and we reserve the right to give a grade of F for the course as well. If needed, Student Conduct will be contacted. Visit the following site for more information regarding what constitutes academic dishonesty and the WSU procedures for handling cases of academic dishonesty:


**WSU Safety Measures**

Washington State University is committed to maintaining a safe environment for its faculty, staff, and students. Please visit [http://safetyplan.wsu.edu](http://safetyplan.wsu.edu) and [http://oem.wsu.edu/emergencies](http://oem.wsu.edu/emergencies) to access the Campus Safety Plan and emergency information.

**Students with Disabilities**

Reasonable accommodations are available for students with a documented disability. If you have a disability and need accommodations to fully participate in this class, please either visit or call the Access Center (Washington Building 217; 509-335-3417) to
schedule an appointment with an Access Advisor. All accommodations MUST be approved through the Access Center. Please note: Test anxiety by itself is NOT a disability and the Access Center does not accommodate the student if that is their only problem (Access Center will refer the student to the Counseling Center for counseling). Also, having English as a second language does NOT qualify students to receive accommodations.

Good luck for the semester!