UWSP **Department of Mathematics** **Course Guide** **Spring 2015**

Math 111 – Applied Calculus Sect 4 M/T/W/R 12:00 pm – 12:50 pm in Room CCC ~~212~~ 111

We moved! :)

Instructor: C. Scott
Phone: (715) 346 - 2753 **Email:** cscott@uwsp.edu
Office Hours: SCI D357 – Mon, Tue, Thur : 10 am – 10:50 am
Text: Applied Calculus for the Managerial, Life and Social Sciences:A Brief Approach, 10th ed, Tan
Calculators: A scientific calculator is required for this course. Cellphones are NOT allowed.

Grade computation:

Your final grade is determined by:

Two best in-class exams:	(40%)
Seven best quizzes:	(35%)
Final exam	(25%)

followed by adjustments described below for absence/lateness.

Exams:

Three in-class exams will be given on Thursdays throughout the semester and I will drop your lowest score. These cumulative exams comprise 10 questions and last an entire class period. **Make-ups will not be given <u>after</u> the exam date has passed.** Do not ask for one! If you miss an in-class exam, it will count as your dropped exam. If you miss a 2nd in-class exam, you will receive a grade of 0 that will be factored into your final grade. **NO EXCEPTIONS!** Partial credit is awarded on exams within reason.

Each of the two exams is worth 20% of your total grade.

Quizzes:

There will be a total of 9 quizzes on Thursdays comprising 10 <u>homework</u> questions. I will drop the 2 lowest quiz scores. Quizzes are not cumulative and are based on successive sections of the text that we cover. **Make-ups will not be given <u>after</u> the quiz date has passed.** Unfortunately, there are no reviews for quizzes and no partial credit is awarded. AGAIN, for quizzes, your answers are either correct or incorrect. This means that $2*3 = 5$ or $7+2 = 14$ is a wrong answer and $3x - 2$ is not the same as $3x + 2$.

Each of the seven quizzes is worth 5% of your total grade.

Final Exam:
The final exam will take place on **Thursday, May 14 from 12:30pm to 2:30pm** in our classroom.

Extra Credit:

There will be 3 Optional Extra Credit Assignments throughout the semester. These are UNANNOUNCED. They may contain bizarre questions and strict deadlines. There are no time extensions (even for real emergencies) and if you miss class, you may miss the assignment.

Attendance and Lateness:

Attendance will be taken immediately at the beginning of each class.
You are *late if* you arrive in class after your name is called.
You are *absent if* you do not arrive during the first ten minutes of class.

You will be assigned an F grade after a 4th absence. In other words, **you have 3 days to use however you'd like.** No explanation/excuse is required for your free days although giving one is considered polite.

Right and Responsibilities:

Any act of academic dishonesty will be dealt with by applying the most stringent penalties permitted. Please read carefully the policies found at:

http://www.uwsp.edu/dos/Documents/CommunityRights.pdf

Tutoring:

You can visit the Math Room in the Science building, Room A113A if you need any assistance. Please contact them directly for their hours.

IMPORTANT DATES: (Tentative)

February 5 – Quiz 1
February 12 – Quiz 2
February 19 – Quiz 3

February 26 – Exam 1

March 5 – Quiz 4
March 12 – Quiz 5
March 26 – Quiz 6

April 2 – Exam 2
April 3 – Last day to drop a class

April 9 – Quiz 7
April 16 – Quiz 8
April 23 – Quiz 9

April 30 – Exam 3

D2L (Desire To Learn):

I will post handouts on D2L every week. Please print them out and bring them to class every day. They will serve as your class notes and provide exercises to be completed by the next class. We will cover about one chapter a day so even if you are absent, you will have an idea of where we are in the sections. To do well in this class you will need to read the textbook, ask questions in class, seek assistance from your peers/tutors, review your handouts, make your own notes AND complete the homework. Do not expect 100% comprehension from just showing up to class or from reading my summary notes.

I **will not** post your grades on D2L. I am very prompt with grading (always within 24 hours) however, since I am dropping your lowest exam and quiz scores, your current grade (especially early in the semester) is often not a true reflection of how you are doing in the class.

Calculating your current grade:

Use the following to calculate your grade at any time after taking 2nd exam.

X (out of 100) = Average Exam score (after dropping your lowest score)
Y (out of 10) = Average Quiz score (after dropping your 2 lowest scores)
Z (out of 100) = Your Anticipated Final Exam score (use "X" above as an estimate, if you wish)

Your "current" grade = (X*0.4) + (Y*3.5) + (Z*0.25)

Classroom Atmosphere:

In order to maintain a comfortable learning atmosphere, I expect that students will:

1. Appreciate my hatred for beeping, ringing, and vibrating devices in the classroom (except my own, of course). Keep them turned off and out of my sight. Texters beware!!!

2. Appreciate my keen sense of smell. Unless you are prepared to share your food, eat it at another time. Non-alcoholic drink consumption is acceptable.

3. Not be embarrassed to raise their hands to ask questions or be corrected.

4. Send emails that are properly addressed in an appropriate tone that contain grammatically correct sentences. ("Hey prof, sry I wuz L8 2day LOL" is unacceptable, and I WILL NOT reply).

5. Contact their other "friends" in class when absent. In other words, if you miss a class, DO NOT call/email me to find out what you missed. The same goes for handouts and extra credit.

6. Be familiar with this course guide. It answers many common questions. Read it.

7. Be in class on time, prepared to work. That means you have the handout in front of you, have read it, and are trying to clarify concepts you have encountered (as opposed to using class time to initially introduce yourself to the concepts.)

8. Quietly head to the back of the room with a guilty look on your face if you are late.

Quantitative Literacy Learning Outcomes

1. Select, analyze, and interpret appropriate numerical data used in everyday life in numerical and graphical format.
2. Identify and apply appropriate strategies of quantitative problem solving in theoretical and practical applications.
3. Construct a conclusion using quantitative justification.

HOMEWORK:

Chapter	Page	Suggested Problems
2.1	59	1,11,14,17-20,51-58
2.2	74	1,4,5,19,25,31,47
2.3	88	1,6,7,8,17,18
2.4	115	1,3,9,23,27,37,53,63,73,75,76
2.6	150	11,13,23a,27a,29b
3.1	169	1,3,9,13,17,24,29,35
3.2	181	1,5,6,17,21,27
3.3	194	1,5,21,23,31,33
3.5	218	1,3,5,7,9,15,21,22,29
3.6	231	1,5,9,15,31,33,50,64,65
4.1	264	1,3,15,16,18,21,25,40
4.2	282	1,4,11,13,29,31,33,34,49,51,52,61,77,78
4.3	298	1,3,5,11,15,37,39,41
4.4	313	1,9,15,19,20,21,35
4.5	327	1,2,4,6,9
5.1	342	1,3,5,9,11,17,19,25,26
5.2	351	1,2,3,7,8,11,16,17,18,21,23,35,37
5.4	376	1,5,9,13,21,29,30
5.5	387	1,3,9,11,15,35
5.6	399	1,3,7,8,9
6.1	418	1,9,11,13,19,27,39
6.2	430	1,3,5,7,17,19,23,27
6.3	442	1,7,8,9
6.4	453	1,3,5,17,19,23,27
6.5	463	1,2,9,10,15,29
6.6	475	1,2,3,4