

# Math 153

# Pre-Calculus 1

# Spring 2014

<i>Instructor:</i> Molly Andaya <i>email:</i> mandaya@cwu.edu	<i>Time and Place:</i> 153.001, 8am, M-F, BU 109 <b>Final Exam: 6/9 8AM</b>
<i>Phone:</i> 963-2125	153.003, 11am, M-F, Hertz 118 <b>Final Exam: 6/12 8AM</b>
<i>Office:</i> Bouillon 107A	<i>Office Hours:</i> 10:00 – 10:50am M-F, or by appt.

## Required Materials

- Text: *Precalculus*, Ninth Edition, by Michael Sullivan AND My Math Lab access
- Graphing Calculator: recommended model is TI-83/84. If you have another model, that's fine, but I can't help you run it. You may not use a phone app as your graphing calculator.
- Paper for taking notes, graph paper is helpful for when we graph
- Pencils. **I won't accept papers done with pen!**
- Access to Canvas. I will post grades, assignment lists, course syllabus, and other important stuff there.

## Course Description

- It is expected that you have basic algebra skills; knowledge of linear and quadratic functions; radical, rational and exponential functions; and general graphing techniques.
- Math 153 is a 5-credit course designed to develop both the concepts and the procedural skills in advanced algebra that will prepare you for the study of Calculus. There will be problem solving, analysis, and communication required in addition to algebraic, graphical, and numerical approaches to the mathematics we study.
- Upon successful completion of this course, you will be able to demonstrate understanding of the following topics: functions, including operations, compositions, and graphs; and specific features and applications of linear, quadratic, exponential, logarithmic, polynomial, and rational functions.

## Expectations

- Be **PRESENT** in class. This includes attending class as well as unplugging from the outside world that is so easily accessed through electronics. Take notes during class, ask questions, do the homework, and get help if you need it.
- **Believe** that your education is valuable enough to put forth the effort required to succeed. Pre-Calc requires a lot of effort.
- **Respect** yourself and others, me included. I respect your time and effort spent on my class, I expect you to extend that same respect to my time and effort as well as that of your peers.
- **Cheating = Failure.** You will receive a zero (with no chance of makeup) if you copy, help, hint, check, etc. on a test or in-class quiz.

## Grading Information

- Homework will be assigned through My Math Lab. It will count towards your grade for the course. The due dates are firm. Do not ask for extensions.
- An assortment of quizzes, both in-class and take-home, will be given. Quiz questions will model the homework problems. In-class quizzes typically will be unannounced. In-class quizzes cannot be made-up for any reason. You will be allowed to drop ONE quiz score from your final grade.
- Quiz answers will be graded as right/wrong. No partial credit will be considered.
- You will have 3 exams (100 points each) and a final exam (150 points). Partial credit will be considered for problems on exams. You may not drop any exam scores. No retakes will be given.
- You will be expected to solve the problems on the quizzes and exams using the methods we discuss in class, thereby demonstrating your understanding of these methods. Other means of finding solutions including, but not limited to, guessing, trial-and-error, copying another student's answer, remembering the answer from the back of the book, or solving "your way" will earn minimal credit, if any.
- Make-up exams are generally not given. If you are unable to attend class on an exam day, you must arrange with me PRIOR to the exam date or you will forfeit your right to make up the exam. Do not contact me after the exam has been given asking to make up the exam.
- **The final exam may not be made up or rescheduled. Do not ask to do so.**

## Letter Grades

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
93- 100%	90- 92%	87- 89%	83- 86%	80- 82%	77- 79%	73- 76%	70- 72%	67- 69%	63- 66%	60- 62%	<60%

## Finally

- If you wish to set up academic adjustments in this class, you need to give me a copy of your "Confirmation of Eligibility for Academic Adjustments" from the Disability Support Services Office as soon as possible so we can discuss how the approved adjustments will be implemented in this course. Students without this form should contact the Disability Support Services Office. It is YOUR responsibility to make appointments at the testing center if you chose to use that service. I will make and enforce deadlines for each exam/quiz you take in the testing center.
- I will call on you to participate in class, to answer questions, to "give me the next step", etc. Your class participation allows me to assess your knowledge while I teach. Your participation is vital for my teaching and ultimately, your learning.
- I LOVE teaching and doing Pre-Calc! I hope that you will find this course enjoyable. Please, do not hesitate to ask me questions.