

# PRECALCULUS I

Math 153-002, Fall 2014  
M-F 9-9:50 AM, Bouillon 111

**Instructor:** Tyler Suronen

**Office:** Black 225-40

**Office Hours:** M-F 10-10:50 AM *and by appointment*

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**Text:** *Precalculus*, 9th ed, by Michael Sullivan

**Course Description:** Precalculus I is a 5-credit course which prepares you with the knowledge of advanced algebra necessary for a calculus course. Upon completion of the course you are expected to understand functions as defined by equations, tables, and graphs. We will focus on the polynomial, rational, exponential, and logarithmic functions.

**Required Materials:** The text and a graphing calculator. TI-83 or TI-84 are recommended and will be what I use in lectures. Other graphing calculators may be used, but I am not familiar with other makes or models and may not be able to help.

**Attendance:** Daily attendance is not mandatory, but is highly recommended for your success in this course. Please bring your text and calculator to every lecture. If you are absent, you are responsible for obtaining any information or materials presented in lecture.

**Homework:** Homework will be assigned frequently in class. Homework is worth 15% of your total grade. The homework will reflect the material covered recently in class. It is expected that you keep up with the homework. Homework will typically be discussed in class on the day it is due. Most will be on WeBwork, but we might also have handouts through Canvas.

**Quizzes and Exams:** There will be four in-class exams worth 80 points each. There will be 5 in-class quizzes worth 20 points each. Your lowest quiz score will be dropped. The remaining four quizzes are then worth 80 points which is equivalent to one exam. The lowest among your combined quiz score and your exam scores will be dropped. The purpose of this drop policy is to account for unexpected absences. The remaining quizzes and exams combined will be worth 60% of your grade. Calculators will be useful for most quizzes and exams. No notes. No textbooks.

**Final Exam:** The final will be held on Tuesday Dec. 9th 8:00-10:00 AM in our regular classroom. The final will be comprehensive and is worth 25% of your grade.

**Grades:** You must show all work. Answers without adequate justification will not receive full credit. Guess-and-check solutions or remembering an answer will not suffice. Occasionally, answers without work or explanation will be acceptable (e.g. reading values from a graph). I will attempt to make clear the amount of detail necessary with examples in lectures. Problems will be done by hand unless explicitly stated otherwise. Answers should be presented in exact form unless explicitly stated otherwise.

Your overall grade will be calculated by percentage of completed work with the following cutoffs.

$$90 \leq A$$

$$80 \leq B < 90$$

$$70 \leq C < 80$$

$$60 \leq D < 70$$

$$F < 60$$

**Late work:** No late homework will be accepted. Early homework is welcome. Quizzes must be taken on the dates they are given. No make-ups will be given for quizzes. Make-ups for exams are generally not given. My drop policy for quizzes and exams is in place to account for unexpected absences. If you cannot make it to an exam, you must inform me before the exam date to arrange for a make-up exam.

**Accommodations:** If you have a disability and require accommodations for this course, please speak with me privately as soon as possible so that your needs may be appropriately met. If you have not already done so, you will need to register with Disability Services (DS). DS is located in Bouillon 140. Call (509) 963-1202 or email ds@cwu.edu for more information.

**Academic Dishonesty:** Cheating will result in failure of the course and may have a larger impact on your standing with the university. Cheating includes copying work, hinting, helping, and using notes/book on an in-class quiz or exam. A full definition of academic dishonesty is defined in the CWU Student Conduct Code.