

Pre-Calculus 154 Syllabus

Winter 2018

Instructor: Jim Miller

Office: Black Hall 225-36, Phone 963-2990, Hours: 8:30-8:50, 11:00-11:50 and 2:00-3:00. I will also take appointments for other times. I can also be reached: email millerji@cwu.edu, cell 509 674 8138; texting works to schedule a meeting time. I do have classes M-F at 9:00, 10:00, 12:00, and 1:00.

Classroom: 154.003 12:00-12:50 in Bouillon 102.

Text: *Pre-calculus*, Second Custom Edition for CWU, Sullivan. We will be covering most of Chapters 6 through 9 of this textbook. You will **not** need to purchase My Math Lab and if you can get the online version, that will be fine.

Supplies: Paper, graph paper, sharp pencils, **graphing calculator** (recommend TI-83 or TI-84). Find a way to keep organized (three ring binder or whatever) that you will bring every day to class.

Course Description: Prerequisite: Math 153 or equivalent. This is a trigonometry course.

You will be working with the six trig functions, their inverses, their relationships and their applications. This course incorporates the use of **graphing calculators**, as they are excellent tools for visualizing some mathematical concepts and offer alternative ways of manipulating the mathematics.

Expectations: It is expected that you have strong algebra skills. In addition, you need to be familiar with graphical transformations. If your skills are weak, you will be expected to be spending extra time early and perhaps throughout the course to succeed. Failure will be a choice you will have to make. Success will be the other option! Choose this option though it may be the harder choice. You can track your progress on Canvas.

Attendance: Daily attendance is expected and considered a necessity for passing this course. It is expected that you **actively** participate in class. Attendance and appropriate participation in class is crucial to your success and will be recorded.

Suggestions for success: Many students find that forming peer study groups is very helpful to their success. In addition, there are several other resources: math-tutoring center (Library), YouTube and other websites, and the instructor. The key factor is to not get behind. Mathematics is a cumulative subject where new topics depend upon mastery of previous concepts. Finally, read every lesson and work through every example in addition to completing the suggested homework problems. Also, each chapter will have a test and you will be allowed to use a **3x5 note card** for each test and all four chapter note cards on the final.

Homework: Homework will be collected daily, perused, and recorded. Assignments can be found on Canvas and will be given in class. Changes in due dates may occur occasionally and will be stated in class. It is essential that you practice your math and **ASK** for guidance in areas where your understanding is weak. Completion of homework every day **MUST BE** a priority for you!

Grading: Your grade will be based on: the four chapter tests (60%); final (30%); homework, participation, attendance, and quizzes (10%). Letter grades based on the overall percentage: 93 A, 90 A-, 87 B+, 83 B, 80 B-, 77 C+, 73 C, 70 C-, 67 D+, 63 D, 60 D-.

Additional Note: Students with disabilities who wish to set up academic adjustments in this class should give me a copy of their "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 class. Students without this form should contact the Disability Support Services Office or dssrecept@cwu.edu or 963-2171.