

Math 41, section 5

Pre-Calculus (Part 1)

Summer 2017

Instructor: Rick Taylor (Roderic Taylor)

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Office Hour: Monday and Wednesday from 8:30 AM to 9:30 AM or by appointment in room F31L.

Classes: The class meets Monday through Thursday (except school holidays) from 12:30 PM to 2:45 PM in room MCC-12.

Prerequisites: Math 114 or it's equivalent with a grade of C or better, or a sufficient score on the College Math Placement Test within the last calendar year.

Student learning outcome statements:

- 1) Student Learning Outcome: Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.
- 2) Student Learning Outcome: Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.

Text: Pre-calculus with Limits (third edition) by Ron Larson.

Materials: A scientific calculator will be required. A TI-83 or TI-84 calculator is recommended.

Homework and Quizzes: Homework will be assigned, but not collected. Quiz problems will be based on homework problems. Take-home quizzes may be given.

Final Exam:

The final exam for this class will be given on Thursday, August 10, from 12:30 PM to 2:45 PM (as scheduled by the college). Taking the final exam is required to pass the class. If due to unforeseen circumstances such as illness or family emergency you are unable to take the final exam at the scheduled time, you will need to take an incomplete for the class and arrange a time to make it up.

Midterm Exams:

Midterm exams will be given on July 13 and July 27.

Grading policy:

Your final grade for the course will be a weighted average of the scores from two midterms (30% each), and a final exam (30%) and quizzes (10%). Your final exam score may be used to substitute for up to two lower midterm scores. All scores are computed as percentages, and your final letter grade will be computed as follows:

- A 90% - 100%
- A- 88% - 89%
- B+ 85% - 87%
- B 80% - 84%
- B- 78% - 79%
- C+ 75% - 77%
- C 68% - 74%
- D 50% - 67%
- F 0% - 49%

An F will also be given in the case one gets a 0 on the final exam.

Policy on dropping:

If you decide you no longer wish to take this class, it is your responsibility to go online and formally drop the class by the appropriate deadline, August 2. If you fail to do so, I will be unable to change your grade or drop you at a later date. The only exception to this rule is that a student who fails to come to class or to contact the instructor during the first week of the class will automatically be dropped from the class.

Policy on Academic Integrity:

If a student is found to have cheated on an exam, they will receive a 0 for that exam. If it is a midterm, they will not be able to substitute the final exam grade for that midterm.

Academic Help:

Mathematics is a challenging subject which takes time and effort to master. Of course students differ in their backgrounds, but in general you should expect to do a minimum of 10 hours of work per week reading the book, doing homework, and thinking about the material. This is in addition to the time you spend in class. If you find you are having difficulty with the material, it is important to address the situation quickly, as it's easy to fall behind. The tutorial center in S-43 offers both drop in tutoring for brief questions, as well as one on one sessions with a designated tutor up to two hours a week. In addition, I encourage all students to come to my office hours listed above. Often, I'm able to help students talking with them individually in a way that's not possible in a large lecture class.