

**Text:** *Precalculus*, by Ratti and McWaters, 2008

**Prerequisites:** C (2.0) or better in MAT 1033, or SAT Math score of 490 or better, or ACT Math score of 21 or better, or Elementary Algebra CPT score of 90 or better, or College-Level Math CPT score of 40 or better.

**Course Goal:** Teach basic skills and concepts of algebra that will be required for calculus.

**Gordon Rule/General Education:** This course fulfills 3 hours of the Gordon Rule Computation requirement and also 3 hours of the General Education Quantitative Methods requirement, provided a grade of C-minus or better is achieved.

**USF Core Curriculum:** This course is part of the University of South Florida's Foundations of Knowledge and Learning (FKL) Core Curriculum. It is approved for Mathematics and Quantitative Reasoning and will meet the following four dimensions: Critical Thinking, Inquiry-based Learning, Scientific Process, and Quantitative Literacy.

**Course Content:** Chapters 2, 3, 4, and (part of) 8 will be covered.

Chapter 2: Graphs and functions

Chapter 3: Polynomial and Rational Functions

Chapter 4: Exponential and Logarithmic Functions

Chapter 8: Systems of Equations and Inequalities (Sects. 8.1, and 8.4 only)

**Calculator Usage:** The only calculator permitted in this course is the TI-30 XA model scientific calculator. No other model calculators is permitted. Calculators may not be shared during quizzes, tests, or the final exam.

**Homework Requirement:** All students will be required to complete and submit homework via the MyMathLab feature that accompanies the text. As such, each student will need to obtain his/her own access to MyMathLab by registering at [www.coursecompass.com](http://www.coursecompass.com). Note that access to MyMathLab requires payment of the appropriate fee either included with a new textbook, paid separately to the publisher, or by purchasing an access kit at a bookstore.

**Emergency Operations:** In the event of an emergency, it may be necessary for USF to suspend normal operations. During this time, USF may opt to continue delivery of instruction through methods that include but are not limited to: Blackboard, Elluminate, Skype, and email messaging and/or an alternate schedule. It's the responsibility of the student to monitor the Blackboard site for each class for course specific communication, and the main USF, College, and department websites, emails, and MoBull messages for important general information.

**Final Exam:** There will be a 2-hour **common final**; this will be cumulative and *all* questions will be multiple choice. The date and time for this exam are **Monday, December 7, 3:00 p.m. to 5:00 p.m.** (See note below about time conflicts.) Your instructor will notify you of its location. The common final counts as 25% of your grade. The remaining 75% of your grade will be determined as specified by your instructor.

**Time Conflicts with the scheduled Final Exam time (December 7 at 3:00 p.m.):**

- Students who normally work during the scheduled time of the final exam are expected to make arrangements with their employer to get time off.
- Students who have another common final exam scheduled during this same time period that has higher priority in USF's exam conflict policy, will be permitted to take a makeup. You must submit proof that such a conflict exists.
- Students who miss the final exam for any other reason should *not* expect to be given a makeup exam.

**Final Grades:** The university's +/- grading policy will be used in assigning final grades. If your overall percentage of total points falls into the following range, you will receive the corresponding grade:

97-100 (A+), 93-96 (A), 90-92 (A-),  
87-89 (B+), 83-86 (B), 80-82 (B-),  
77-79 (C+), 73-76 (C), 70-72 (C-),  
67-69 (D+), 63-66 (D), 60-62 (D-), 0-59 (F)

### Miscellaneous Policies:

- Cheating will **not** be tolerated. The university policy on Academic Dishonesty is explained at the website <http://www.ugs.usf.edu/catalogs/0809/adadap.htm>.
- Students who must miss a class period due to a major religious observance must notify the instructor of this absence, in writing, by the end of the second week of classes.
- Any student with a disability is encouraged to meet privately with the instructor during the first week of classes to discuss accommodations. The student must bring a current Memorandum of Accommodations from the Office of Student Disability Services (SVC 1133). This is a prerequisite for receiving accommodations. All course handouts are available in alternate format if requested in the student's Memorandum of Accommodations. Exam accommodations through the Office of Student Disability Services (SDS) require two weeks advance notice. Note: If you need extra time on exams, you *must* make arrangements to take your exams with the SDS office. You *cannot* receive extra time if you choose to take your exams with the course instructor.
- Please do not hold conversations, either with your classmates or your cell phones, during the lecture sessions. (Cell phones are to be turned off at all times.)
- All unauthorized recordings of class are prohibited. Recordings that accommodate individual student needs must be approved in advance and may be used for personal use during the semester only; redistribution is prohibited.
- You must keep all returned tests and quizzes until you receive your final grade. You will need these to demonstrate that a grade was incorrectly recorded, should that happen.
- The last day to withdraw from this course and receive a tuition refund is Friday, August 28 (by 5:00 p.m.). Students who have not registered or paid for this course by this date and time must stop attending, unless the instructor has given written permission otherwise.
- The last day to withdraw from this course and receive a grade of "W" is Saturday, October 31 (by 5:00 p.m.)
- S-U Policy: Students who want to take this course for a grade of S-U must sign the S-U contract no later than the end of the third week of classes. There will be **no** exceptions. For further information on S-U grades, see the website <http://www.ugs.usf.edu/catalogs/0809/gradetc.htm>. Note: Gordon Rule courses may **not** be taken on an S-U basis.
- A grade of "I" indicates incomplete work and will only be assigned when most of the coursework has already been completed with a passing grade. See the website <http://www.ugs.usf.edu/catalogs/0809/gradetc.htm> for further information.

### Getting Help:

- The MyMathLab software provides considerable tutorial help.
- There is a Student Solutions Manual available as a companion to the text. It contains answers to all the odd-numbered problems. There is also a Study Guide that has detailed explanations and worked-out practice problems.
- Additional practice exams in multiple choice format can be found at <http://mathcenter.usf.edu/>. First choose College Algebra, then PRACTICE TESTS, and finally MAPLE T.A. INTERACTIVE PRACTICE TEST. Other practice exams are also available at that site.
- The Learning Commons on the second floor of the Tampa Campus Library can be used as your first source of help outside of class. It is a centralized location at which to seek assistance in using web-based resources as well as receive one-on-one tutoring. See <http://usfweb2.usf.edu/learning/> for additional information.
- Arrange to meet your instructor outside of class (or TA, if you have a help session) outside of class.