

Syllabus for Math 1050-90 - College Algebra Online

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THIS COURSE: College Algebra is a prerequisite for Calculus. A deep understanding of algebra and trigonometry is crucial to succeeding in a calculus course. The mathematics of chemistry, biology, architecture, and business all require the skills obtained in this course. We like to say: You can't be too healthy, too rich, or have too much mathematics!

PREREQUISITES: The prerequisite for this course is at least a C (preferably a B) in mathematics 1010 or its equivalent or an ACT score of at least 23. Students are expected to already have the basic algebra skills contained in Appendix A: Review of Fundamental Concepts of Algebra.

Important Note: The mathematics department DOES enforce prerequisites for all undergraduate courses. If you were able to register for this class based on your enrollment in the prerequisite course last semester and you did not receive the minimum grade in that course to enter this class, then you will be dropped from this class on Friday of the first week of classes. If you are in this situation, it is in your best interest to drop yourself from this class and enroll in a class for which you have the prerequisites before you are forcibly dropped.

TEXT & ONLINE MATERIALS:

- Canvas <https://utah.instructure.com>
- WebAssign <https://www.WebAssign.net/utah/login.html>
- *PRECALCULUS*, 9/e edition, Larson; Chapters 1-3, 7-9. Access e-book through "WebAssign" or obtain hardback version

You will must purchase access to WebAssign; you can choose whether to purchase a traditional textbook or use an E-book version of the textbook (which comes with WebAssign). See the document "**Textbook and WebAssign Information**" for the pros/and cons of each, as well as purchase and enrollment information.

COMMUNICATION: All announcements for the course will be posted on the Canvas website (you can have these forwarded by Canvas to your e-mail or phone.) You may contact the instructor by e-mail or through either of the course websites. When e-mailing your instructor, please include "1050" in the subject line.

OFFICE HOURS: There will be office hours at least twice each week. Times will be announced on Canvas. There will also be an evening online office hour.

ADDITIONAL HELP: You may ask for my help on the Canvas discussion board or by email. Also, you can use:

- Math Tutoring Center (drop-in tutoring and computer lab). It is in the underground passage between JWB and LCB, Room 155. It starts in the second week of classes. See <http://www.math.utah.edu/ugrad/mathcenter.html> for hours.
- Private Tutoring: University Tutoring Services, 330 SSB (they offer inexpensive tutoring). There is also a list of tutors at the Math Department office in JWB 233.

TECHNOLOGY: The majority of the course work can be done without a calculator. No calculators will be allowed on exams or the final. Calculators will be useful on some homework assignments and may be allowed on portions of quizzes. If you do not have a scientific or graphing calculator, there are free calculator applications online.

The **Americans with Disabilities Act** requires that reasonable accommodations be made for students with physical, sensory, cognitive, systemic, learning, and psychiatric disabilities. Please contact me *at the beginning of the semester* to discuss any such accommodations for the course.

GRADING SCALE: The grade scale will be: A (93-100), A- (90-92), B+ (87-89), B (83-86), B- (80-82), C+ (77-79), C (73-76), C- (70-72), D+ (67-69), D (63-66), D- (60-62), E (0-59).

For more information, see the following documents in Canvas:

- **Is an online Math Class Right for You?**
- **Textbook and WebAssign Information**
- **Taking Exams**
- **Extra Credit Information**
- **Questions not Covered Elsewhere**
- **Borderline Grades**

COMPONENTS OF THE COURSE:

- **Reading Announcements on Canvas.** They are given in quiz format, and a short quiz about the announcement is at the end of each announcement. Completing these is worth 2% of your grade.
- **Reading** from your **text book.**
- **Watching the video lectures** – these have been prerecorded by multiple instructors. They are available on Canvas or in both streamable and downloadable versions at <http://www.math.utah.edu/lectures/math1050.html>.
- **Solving Problems:** Working through problems helps you understand and master the material. In WebAssign, there are three types of assignments. For each section, there is a
 - Practice Assignments: Many help features are available with these; these are not graded, but you must earn a score of 80% or better to begin the graded assignment.
 - Graded Assignment (worth 12.5%): This assignment is a transition between the practice and exams. The number of times you can attempt a problem is limited. These are due Monday nights at 11:45 pm or a few minutes later.
 - Personal Study Plan (worth 3%): These are “intelligently designed” problem sets, which means you will be given problems to help you work on what you need to work on. This is due at the end of the semester. You can work on them at any time, though they may be particularly useful when first learning the material, or when studying for exams.

More optional, ungraded problems are available for students practice. There is a collection of “after video” problems which have full solutions. You can also use textbook problems. There is a link in the Canvas modules to solutions of the odd textbook problems.

- **Feedback Quizzes:** These are given on Canvas each week; the time limit is 40 minutes and there is no pausing; quizzes can be begun between 1 am on Friday and must be submitted by 11:59 pm on Sunday. They are worth 12.5% of grade; the two lowest quiz scores will be dropped in the grade calculation in week 15. There is special paper in Canvas for you to print out and take your quiz on. Doing this is not required, but the format is highly recommended as it will aid you on getting feedback on the quiz and requesting partial credit. As soon as you finish a quiz, you will see your base quiz score, (but not necessarily your final quiz score). You will not be able to see the answers you inputted or the correct answers. These will become available on the Monday following the quiz.

Between the Monday and Thursday following a quiz, you should review it to determine if you are eligible for **retroactive partial credit**. A description of how to what types of answer might qualify for partial credit and how to request it is in Canvas. Submit requests by the Thursday following the quiz.

- **Exams:** There will be two midterm exams and a comprehensive final exam at the end of the semester. Each exam is worth 20% of your grade and the final is 30%. You must schedule your exams at: www.uonline.utah.edu. Exams will be administered at the Uonline testing center (in the Marriot Library), at a satellite testing center (in Sandy, Bountiful, or Murray) or if you are out of area, with a proctor that you set up (and register with Uonline). There will be practice material provided prior to each exam. You are not allowed to use notes, a calculator, textbook, or phones during the exam. More information about exam center policies is in the “**Taking Exams**” document.
- **Extra Credit:** Extra credit (worth up to 3% or more of your course grade) can be earned for participating in online discussions (by asking or answering questions with significant mathematical content), or by spotting errors in course materials. See “**Extra Credit Information**” document for details.

GRADING: Grades are calculated as follows:

Announcement Quizzes	(2%)
Feedback Quizzes	(12.5%)
WebAssign Graded Assignments	(12.5%)
WebAssign Personal Study Plan	(3%)
Midterms	(40%)
Final	(30%)

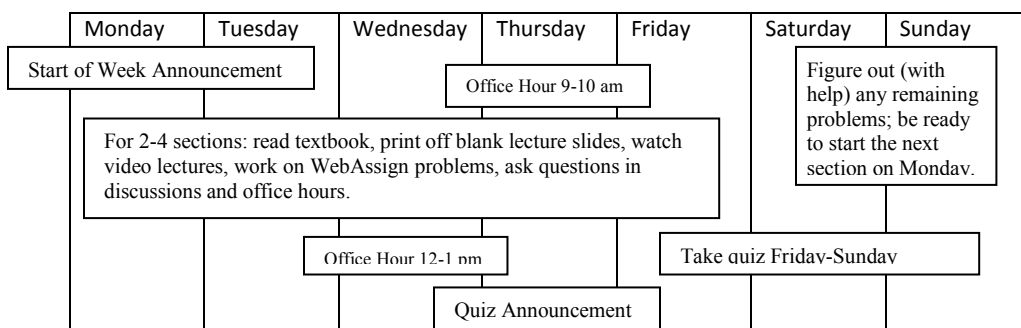
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A score of 73% is required for a C, which is the prerequisite to take the next class. You should monitor your course grade throughout the semester by looking at “Grades” in Canvas. The document “**Borderline Grades**” gives more information about how grades are determined.

DATES:

<p>Exams (Schedule at a time between the dates below) Exam 1: Mon 6/15 – Sat 6/20 Exam 2: Mon 7/6 – Sat 7/11 Final: Mon 8/3 – Sat 8/8</p>	<p>Other dates: Drop date: Wed 5/27 Withdraw/audit date: Fri 6/26</p>	<ul style="list-style-type: none"> • WebAssign HW due each Monday at 11:45pm • Online Quiz each Friday-Sunday; due Sunday at 11:59pm, including exam weeks • WebAssign Personal Study Plan: due Sat, Aug 8 at 11:59 pm
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RECOMMENDED APPROACH TO USING COURSE MATERIAL:



LATE POLICY: Unexpected events arise – you get sick, called into work, have computer or Internet problems, get back late from a trip, etc. In order to provide you with a buffer and have a policy that is manageable to implement for a large class, the five lowest WebAssign assignments and two lowest quiz scores will be dropped (in the last week of the term). If you know you will have a time conflict/busy week/ be away, etc., please contact me ahead of time. We will make arrangements for you to complete the assignment, quiz, or exam early.

Except for Quizzes 1 and 2, there are no late or make-up quizzes. If you have technical problems with your quizzes, you need to contact me at least one day BEFORE their deadlines are up so that they can be reset. (That is why it is advised to work on assignments early.) Also, contact the Uonline support team (801-581-6112) to resolve the problem.

Old WebAssign work will be reopened if you come to office hours and request it. If you are unable to come to office hours, it will also be reopened if you have completed the current assignment (score of 80% or higher) by Saturday night and send a request by e-mail/ Canvas mail at this time.

If there is a BIG, UNANTICIPATED circumstance beyond your control that prevents you from taking a quiz or exam, or completing your HW, please contact me in a timely manner with documentation by a third party (for example, a Dr.’s note) and we will discuss options.