**Course Website**
Canvas: [http://missouri.instructure.com](http://missouri.instructure.com)

**Course Description**
Promotes mathematical literacy among students. This course will cover important mathematical ideas and problem solving skills in the context of science, technology, and/or society. Topics may include: logic and critical thinking, Venn Diagrams, problem solving, sets, units of measure, percentages and ratios, counting and probability, statistics, exponential growth and decay, linear and exponential models.
Quantitative Reasoning is designed to stimulate interest in and appreciation of mathematics and quantitative reasoning as valuable tools for comprehending the world in which we live.
This course does not satisfy the prerequisite of any other math course.

**Prerequisite**
Students enrolled in **Math 1050** must satisfy **one** of the following prerequisite requirements:
1. A grade of C- or higher in Math 0110 at MU (not transfer credit)
2. MMT Placement Test Intermediate Algebra score of 70% or higher, dated 2/15/18 or later

**Students who do not meet the prerequisite requirements WILL BE DROPPED from Math 1050.**
For more information about the Placement Exam (and to take it), visit: [http://mathplacement.missouri.edu](http://mathplacement.missouri.edu)

**Textbook and Course Materials**
- **MML AUTOACCESS** – Required
- **COURSE WORKBOOK** – Custom Edition - **Required** – A manual containing an outline of class notes.

**NOTE:** Students may use a TI-30XS or TI-30X IIS scientific calculator on exams in this course. **No other calculators are permitted.**

**AutoAccess**
This course is part of the AutoAccess program designed to reduce the cost of course materials for students. You will be able to access the digital content for this course through Canvas on the **first day of class** automatically.

Your student account will be charged for the cost of the digital course materials. We have helped save students over $9.7 million over the last four years by providing digital content through this program.

Through this program, the lowest cost content has been sourced. If you choose to opt out of the digital content, you have a **week from the start of class** to opt out to receive a refund. Check your student email for the specific date. You will receive a welcome email from The Mizzou Store, so please watch your inbox. Also, the AutoAccess welcome email will provide charge...
If you have any questions please contact The Mizzou Store via phone at 573-882-7611 or email at autoaccess@missouri.edu.

Attendance

Attendance is vital to your success in this course. You are expected to attend all scheduled class sessions, and attendance will be taken regularly. If you are to miss class for any reason, you are responsible for any notes or announcements given during class. Students who arrive late or leave early will be considered absent. All absences are treated equally, regardless of the reason – there are no “excused” or “unexcused” absences. Although we understand that there may be legitimate reasons for missing class, it is expected that students will limit their absences to 8 or fewer in order to avoid the penalties outlined below. It is your responsibility to keep track of the number of your absences.

Prior to May 6, students with 9 or more absences and an Exam average of D or lower are subject to being dropped from the class due to poor attendance. (Any exceptions must be arranged through the course coordinator.)

Grading

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Homework (online)</td>
<td>25%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>5%</td>
</tr>
<tr>
<td>Exams I – III (15% each)</td>
<td>45%</td>
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<tr>
<td>Final Exam</td>
<td>25%</td>
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</tbody>
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Here is the course grading scale. If you have a question concerning your grade, consult your instructor.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>A+</td>
<td>97 - 100%</td>
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<tr>
<td>A</td>
<td>93 - 96%</td>
</tr>
<tr>
<td>A-</td>
<td>90 - 92%</td>
</tr>
<tr>
<td>B+</td>
<td>87 - 89%</td>
</tr>
<tr>
<td>B</td>
<td>83 - 86%</td>
</tr>
<tr>
<td>B-</td>
<td>80 - 82%</td>
</tr>
<tr>
<td>C+</td>
<td>77 - 79%</td>
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<tr>
<td>C</td>
<td>73 - 76%</td>
</tr>
<tr>
<td>C-</td>
<td>70 - 72%</td>
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<tr>
<td>D</td>
<td>60 - 69%</td>
</tr>
<tr>
<td>F</td>
<td>0 - 59%</td>
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Homework

All graded homework assignments will be completed online using MyMathLab (MML). These problems are algorithmically generated, and you should try to complete your online homework after class each day, to practice problems similar to those discussed during that day’s lecture (see attached calendar). It is important that you make every effort to understand how to work the problems correctly, because these exercises will be the basis for your quizzes and exams.

The purpose of the homework is to help you understand the material. Waiting to work on a homework assignment until after taking an exam is a huge mistake!
Due Dates: Your Graded Homework will be due at 9:00 AM on the date listed on the Canvas calendar. You should always begin your assignment well in advance. Do not wait until the last minute! It is your responsibility to turn in your work on time, and make sure that it has been submitted properly.

Reduced Credit Period: The homework assignments will remain open until the day of the final exam. Any work submitted after the actual deadline will incur a 50% penalty. All assignments will close by 5 pm on the final exam date. It is fundamental that you complete all your homework assignments.

Homework Average: Your homework average will be calculated by weighting each of your homework assignments equally.

Quizzes

In-Class Quizzes: A minimum of 8 in-class quizzes will be given during the semester, which may or may not be pre-announced. No make-up quizzes will be allowed.

Quiz Average: Your quiz average will be calculated by weighting each of your quiz scores equally. The lowest quiz score will be dropped at the end of the semester.

Exams

This course will have 3 evening exams, and a comprehensive final exam. All exams are given in a different location than your regular classroom, which will be announced in class and posted on CANVAS.

Each exam will start promptly at the time indicated in this syllabus. All students are expected to arrive at their assigned exam locations early enough to be seated and ready to begin the exam at the indicated start time. It is each student’s responsibility to make all necessary arrangements to arrive at the correct exam location on time. Students who live off campus should take extra care to arrange for reliable transportation and to arrive on campus well in advance of the exam start times. Students who arrive late or miss an exam due to lack of transportation will not be given extra time or a make-up exam. Additionally, students who take the exam in the wrong room will be penalized by taking 10% off their exam score. These policies also apply to the Final Exam.

NOTE: Students may use a TI-30XS or TI-30X IIS scientific calculator on exams in this course. No other calculators are permitted.

Make-Up Exams

Makeup exams will not be given for any reason.

If a student contacts the course coordinator (algebra@missouri.edu) prior to the exam and provides accepted documentation for missing the exam for a legitimate reason, then the student will receive on the missed exam, the percentage scored on the final exam. (This can only be done once during the semester.)

Approved excuses include the following: (a) the exam overlaps with participation in a University sanctioned athletic or academic event, (b) the student has a serious medical condition, or (c) the student has a death in the immediate family.

The following are not legitimate reasons to miss an exam: personal travel, such as vacations, weddings, or graduations; work schedules; court appearances; university events that are not
sanctioned athletic or academic events, such as fraternity and sorority events, intramural sports or club activities.

The Learning Center

The Learning Center ([http://learningcenter.missouri.edu](http://learningcenter.missouri.edu)) is an academic support center for undergraduate students at MU, located in the Student Success Center. The center offers free supplemental instruction in math, writing, reading, and study skills. You will be notified via email about free tutoring and exam reviews offered by the Learning Center.

Academic Integrity

Academic honesty is fundamental to the activities and principles of a university. All members of the academic community must be confident that each person's work has been responsibly and honorably acquired, developed, and presented. Any effort to gain an advantage not given to all students is dishonest whether or not the effort is successful. The academic community regards academic dishonesty as an extremely serious matter, with serious consequences that range from probation to expulsion. When in doubt about plagiarism, paraphrasing, quoting, or collaboration, consult the course instructor.

Academic Dishonesty includes but is not necessarily limited to the following:

--Cheating or knowingly assisting another student in committing an act of cheating or other academic dishonesty.
--Plagiarism which includes but is not necessarily limited to submitting examinations, themes, reports, drawings, laboratory notes, or other material as one's own work when such work has been prepared by another person or copied from another person.
--Unauthorized possession of examinations or reserve library materials, or laboratory materials or experiments, or any other similar actions.
--Unauthorized changing of grades or markings on an examination or in an instructor's grade book or such change of any grade report.

Academic Integrity Pledge: Students are expected to adhere to this pledge on all graded work whether or not they are explicitly asked in advance to do so: “I strive to uphold the University values of respect, responsibility, discovery, and excellence. On my honor, I pledge that I have neither given nor received unauthorized assistance on this work.”

The University has specific academic dishonesty administrative procedures. Although policy states that cases of academic dishonesty must be reported to the Office of the Provost for possible action, the instructor may assign a failing grade for the assignment or a failing grade for the course, or may adjust the grade as deemed appropriate. The instructor also may require the student to repeat the assignment or to perform additional assignments. In instances where academic integrity is in question, faculty, staff and students should refer to Article VI of the Faculty Handbook. Article VI is also available in the M-Book. Article VI provides further information regarding the process by which violations are handled and sets forth a standard of excellence in our community.

Students with Disabilities

If you anticipate barriers related to the format or requirements of this course, if you have emergency medical information to share with me, or if you need to make arrangements in case the building must be evacuated, please let me know as soon as possible.
If disability related accommodations are necessary (for example, a note taker, extended time on exams, captioning), please establish an accommodation plan with the Disability Center (http://disabilitycenter.missouri.edu), SS Memorial Union, 573-882-4696, and then notify me of your eligibility for reasonable accommodations.

For other MU resources for persons with disabilities, click on "Disability Resources" on the MU homepage.

University of Missouri Notice of Nondiscrimination

The University of Missouri System is an Equal Opportunity/ Affirmative Action institution and is nondiscriminatory relative to race, religion, color, national origin, sex, sexual orientation, age, disability or status as a Vietnam-era veteran. Any person having inquiries concerning the University of Missouri’s compliance with implementing Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans With Disabilities Act of 1990, or other civil rights laws should contact the Assistant Vice Chancellor, Human Resource Services, University of Missouri, 1095 Virginia Avenue, Columbia, Mo. 65211, 573/882-4256, or the Assistant Secretary for Civil Rights, U.S. Department of Education.

Problems or Concerns?

If you have any problems or concerns regarding this course, please contact: Luiza DeSouza, Course Coordinator (algebra@missouri.edu)

In all correspondence, include your full name, Student ID #, Course (Math 1050), section, and instructor. This will enable us to answer your question in a timely manner.