

Department of Mathematical Sciences

READ THIS SYLLABUS CAREFULLY. YOU ARE RESPONSIBLE FOR KNOWING THIS INFORMATION!

Prerequisite: Placement Examination

Course Description: MATH 099 is the first in a two-course sequence in elementary and intermediate algebra (MATH 099/MATH 101) designed to provide students with a foundation to study college level mathematics. MATH 099 carries three credits which count in determining your grade point average and your status as a full time or part time student. Credit for MATH 099, however, may not be counted toward meeting the minimum number of credits required for graduation. Mastery of material in this course is necessary for success in MATH 101 and more advanced courses in mathematics, statistics, computer science, natural science, and the social sciences. You must earn a C– or higher in MATH 099 to meet the prerequisite for MATH 101.

The major goals of this course are:

- a. to gain an appreciation for the role variables play in constructing mathematical models;
- b. to use tables, graphs, and equations to model mathematical situations;
- c. to gain facility in using the symbolism of algebra to solve equations and find equivalent expressions;
- d. to gain facility in solving word problems; and
- e. to gain an appreciation for the applications of algebra to a wide variety of “real world” situations.

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Office Hours: 11:00 – 12:00 Tuesday & Thursday

Textbook: Elementary and Intermediate Algebra: A Practical Approach by T. Craine, J. McGowan, and T. Ruben, published by Houghton Mifflin (ISBN 0-618-10337-6). Note: this textbook is used for both MATH 099 and MATH 101.

Coverage: In MATH 099 you are responsible for all of the material in Chapters 1-6 except for the optional sections marked with an asterisk (*). The six chapters will be covered in the order they appear in the text. Each section has 25 problems at the end, 15 new problems and 10 skill and review problems. Problems will be assigned and you are expected to work all of them.

Class Meeting Times: This class meets for 150 minutes of instruction per week plus 50 minutes of laboratory.

Class meetings: Monday, Wednesday, Friday 9:30-10:40, MS 209
Lab meeting: None

Class attendance, completion of homework assignments, and participation are expected.

Course Requirements: Attend and participate in class, complete homework assignments, and tests as scheduled. A general rule for any college course is that you are expected to put in at least 2 hours of work outside of class for every credit hour. **For MATH 099, the expectation is at least 6 hours per week outside of class.**

Calculator Use: Graphing calculators are optional. The textbook is based on the TI-82 and the TI-83, and can be useful in verifying homework answers. However, I prefer that students rely on the calculator they were born with. Thinking is a useful skill.

Electronic Devices Policy: Cell phones, laptops and PDA's are not to be used during class, exams, or quizzes unless special accommodations are necessary.

University Policies:

1. You must take the final examination at the time specified in the course selection book.
2. Please contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition, or if you have emergency medical information to share. I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, room 241, Copernicus Hall if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.
3. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the "general snow message." You can also check the CCSU website.
4. The last day to withdraw from a course and receive the grade of "W" is **Monday, October 25**. Approvals for withdrawal prior to this date are not required; however, it is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student's intention to drop the course. After **October 25** withdrawals are allowed only under extenuating circumstances and require approval of the course instructor, department chair and dean of the School of Arts and Sciences.

Academic Misconduct

All students are expected to demonstrate integrity in the completion of their coursework. Academic integrity means doing one's own work and giving proper credit to the work and ideas of others. It is the responsibility of each student to become familiar with what constitutes academic dishonesty and plagiarism and to avoid all forms of cheating and plagiarism. Students who engage in plagiarism and other forms of academic misconduct will face academic and possibly disciplinary consequences. Academic sanctions can range from a reduced grade for the assignment to a failing grade for the course. From a disciplinary standpoint, an Academic Misconduct Report may be filed and a Faculty Hearing Board may impose sanctions such as probation, suspension or expulsion.

Resources Available:

1. If you need help, take advantage of your instructor's office hours. Do not wait until just before the first test to do so.
2. The Learning Center is located in Room 241, Copernicus. Free tutoring is available in Room 241, Copernicus, and at other locations on campus. A schedule for hours the Center is open will be posted soon after the beginning of the semester.
3. Form a study group with other students in your section. While working on homework problems together is a good way to learn, all work submitted must be your own.
4. Extra practice problems will be available on the course web site.
5. A list of private tutors for hire is available in the Math Department office, Room 107 Marcus White, 832-2835.
6. The Mathematics Department web site "additional links" has a "Math 099/101 Solutions" link.

Evaluation

Minimum averages have been established for each of these grades:

A	93%	B+	87%	C+	77%	D+	67%
A-	90%	B	83%	C	73%	D	63%
		B-	80%	C-	70%	D-	60%

The average for the course will be based on the following weights:

*Instructor's evaluation based on 3 one hour tests
and quizzes/class assignments/homework.
The exact weighting of these factors is up to the instructor.* 75%

For this class 75% is broken down as:

Examination I	25%
Examination II	25%
Homework & Quizzes	25%
Department Final Examination	25%
Total	100%

In order to earn a grade of **C-** or higher in this course, your overall average must be **at least 70%** (C-) and your grade on the final examination must be **at least 60%**. (The 60% minimum has been set by the Department of Mathematical Sciences.) Since the final examination will count for 25% of the overall average, the grade you actually need on the final exam will depend upon your average going into the final.

If your average going into the final is:	Then on the final you will need at least:
73.3% or above	60%
70%	70%
65%	85%
60%	100%.

Therefore, in order to provide a margin of safety, **you should aim for an overall average of at least 73.3% going into the final.**

The Final Exam is set by the Department and consists of 50% Skills, 25% Graphs, and 25% Problem Solving.

Schedule of Important Dates

Last day to withdraw: Monday - October 25, 2010

Final Exam: Monday – 12/13/10 , 8:00 – 10:00