

MA103 College Algebra - 3 credit hours
Fall 2009

Lecture: M, W, F - 1st Per. Homework Lab: T, Th - 1st Per.

Instructor: John Gaddy

Phone:

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Office Hours: by appointment

Course Webpage: <http://sites.google.com/site/johngaddyresearchsite/teaching/central-methodist/fall-2009-1/college-algebra---itv>

-all course materials will be posted on the course website, including audio of lectures

Text: College Algebra, 4th edition by Robert Blitzer ISBN 0-13-219141-5

Other: Graphing Calculator such as TI-84 Plus will be used upon occasion

MISSION

Central Methodist University prepares students to make a difference in the world by emphasizing academic and professional excellence, ethical leadership, and social responsibility.

CREED

The Central Methodist University community believes in:

- Seeking knowledge, truth, and wisdom;
- Valuing freedom, honesty, civility, and diversity;
- Living lives of service and leadership; and
- Taking responsibility for ourselves and the communities in which we live.

COURSE DESCRIPTION

“A study of equations and inequalities, functions and graphs, and systems of equations and inequalities.” (CMU Dual Credit Handbook) Exponential and logarithmic functions will be included.

COURSE OBJECTIVES

This course will prepare students for additional math courses, especially calculus. Students will also be able to apply skills learned to general problem solving.

METHODS OF INSTRUCTION

Methods of instruction will include lecture, teacher and student demonstration, group practice and discussion, written assignments. Students are responsible for lecture notes AND all assigned chapters in the textbook.

COURSE GRADING SCALE

- Grades will be determined by two components:
 - ✓ Homework 25%
 - ✓ Quizzes 25%
 - ✓ Exams 50% (chapter exams, final exam).
- Grades will be recorded and are available from the instructor upon request. Progress report and quarter grades will be given to the school. The course grade will be calculated by adding

all points received, and dividing by the total possible for *the entire* semester. Letter grades for Dual Credit will be assigned according the grading scale below.

90 – 100%	A
80 – 89%	B
70 – 79%	C
60 – 69%	D
Below 60%	F

ACADEMIC HONESTY POLICY

Central Methodist College's Policy on academic honesty is attached and will be strictly enforced.

ACADEMIC PROPERTY

All work (original or copy) submitted by the student to satisfy the requirements of the course may retained at the discretion of the instructor for non-profit and educational purposes. Such work is generally used for assessing the course and providing evidence of student accomplishment for review by accrediting agencies. Any student wishing to prohibit such use of their work may do so by notifying the instructor in writing.

NONDISCRIMINATORY POLICY

Central Methodist University does not discriminate on the basis of race, color, religion, sex, national origin, age, or federally defined disability in its recruitment, admission, and retention of students.

INSTRUCTORS POLICIES

COURSEWORK

The student is responsible for all material covered in lectures and all assigned material in the textbook.

HOMEWORK

A set of homework problems will be assigned at the end of each lecture for the purpose of giving the student an opportunity to learn by doing. Study labs coincide with instructor's office hours so that students have dedicated time devoted to college algebra while help is available from the instructor. Homework problems are chosen to help develop the concepts to be mastered in the course. Therefore, the students can expect similar problems on quizzes and exams.

DUE DATES

All assignments must be turned in no later than the due date announced. No late assignments are accepted. No late or partial credit is available. It is the responsibility of the student to turn in all assignments on time whether the student is present in class or not.

EXAM DATES

All tests are to be taken on the date and at the time scheduled. No make-up test will be given unless the instructor feels the absence was justified. If a make-up exam is justified, the make-up test will not be the same as the scheduled test. Students will want to avoid situations where they must take a make-up exam.

ATTENDANCE

No absences are excused except by policy of your high school. It is the responsibility of the student to notify the instructor PRIOR to any scheduled absences, and the student is responsible for obtaining all lecture notes and sample problems given in class.

STUDENT CONDUCT

Disruptive, discourteous, disrespectful, or unseemly behavior will not be tolerated. Such behavior will result in subjecting the student to the discipline policies of your high school. Such discipline problems can result in the student being removed from the class and dropped from the class with a grade of "F". Academic dishonesty is also defined in your high school's student handbook, and those policies will be followed.

ACADEMIC HONESTY POLICY

Central Methodist University believes that honesty throughout life is a significant foundation of character and personal integrity. The University's Policy on Academic Honesty applies to all forms of academic work, including but not limited to quizzes and examination, essays and papers, lab reports, oral presentations, surveys, take-home tests, etc. Every student is responsible for understanding this policy. By registering at the university, every student accepts the obligation to abide by this policy. Students are also responsible for understanding the particular policy applications required by each of their instructors and to ask the instructor for clarification of any areas of uncertainty.

Academic honesty requires that each person accept the obligation to be truthful in all academic endeavors. To help members of the community understand the implications of academic honesty; the University provides the following explanation of academic dishonesty.

Academic dishonesty is any conduct that has either as its intent or its effect (independent of intent) the false representation of a student's academic performance.

Academic dishonesty includes but is not limited to the following:

1. Cheating in any form (e.g., ghost-written papers, cheat sheets or notes, copying during exams, quizzes or other graded class work, etc.)
2. Collaborating with others on work to be presented contrary to the stated rules of the course
3. Stealing or having unauthorized access to examination or course materials.
4. Falsifying records, or laboratory or other data.
5. Submitting work previously presented in another course without the advance consent of the instructor.
6. Knowingly and intentionally assisting any other student in any act of academic dishonesty (this includes intentionally allowing any other student to use or submit your academic work or performance, or other academic work supplied by you, under a name different from the author of the work), and
7. Plagiarism. Plagiarism is a form of cheating and stealing. It is morally unacceptable as well as against academic policy. Plagiarism includes but is not limited to (1) representing as one's own work a paper, speech, or report written in whole or in part by someone else (from the unaccredited use of significant phrases to the unaccredited use of larger portions of materials), (2) failing to provide appropriate recognition of the sources of borrowed material through the proper use of quotation marks, proper attribution of paraphrases, and proper citations. Paraphrase is the direct use of others' ideas, data, or structures of thought

stated in language substantially different from the source upon which they depend, and therefore not requiring quotation marks even though the substance of the material is borrowed. In borrowed material, appropriated recognition of the source must be given. The University will discipline students for infractions of the Academic Honesty Policy with various sanctions which it deems appropriate, up to and including suspension or expulsion from the University. Penalties internal to a course, including grades and expulsion from the course, are at the discretion of the instructor. Students can appeal instructors' internal course penalties to the Committee on Academic Standards and Admissions, whose decision is final. Instructors must report all penalties they impose for academic dishonesty, with a brief account of the offense, to the Dean of the University, so that all violations are recorded. For serious or repeated offenses, the Dean may impose further penalties beyond the course penalty. These penalties include but are not limited to notations in the student's file, notations on the student's transcript, probation, suspension, and expulsion. A decision by the Dean of the University can be appealed to the Faculty Committee on Academic Standards and Admission, whose decision is final.

Math 103: College Algebra

Tentative Course Schedule (This Schedule has been prepared with high hopes, and may be subject to change. In the event that this schedule must be modified, you will be notified by your instructor.)

	Date	Lecture Topics It is required that you read from the text before class	Homework Problems	Exams	Special Notes	
August	26	Syllabus, P1, and P2				
	28	P3 and P4				
	31	P5 and P6				
September	2	1.1 and 1.2			P Homework Due	
	4	1.3 and 1.4				
	7	No Classes: Labor Day				
	9	1.5 and 1.6				
	11	1.7				
	14	2.1 and 2.2				
	16	2.3 and 2.4				
	18	2.5 and 2.6				
	21	2.7 and 2.8				
	23	Review for Exam				
	25	Exam 1				
	28	3.1 and 3.2			Chapter 2 Due	
	30	3.3 and 3.4				
October	2	3.5 and 3.6				
	5	3.7				
	7	4.1				
	9	4.2			Chapter 3 Due	
	12	4.3				
	14	4.4				
	16	4.5				
	19	Review for Exam				
	21	Exam 2				
	23	5.1			Chapter 4 Due	
	26	5.2				
28	5.3					
30	5.4					
November	2	5.5				
	4	5.6				
	6	6.1			Chapter 5 Due	
	9	6.2				
	11	6.3				
	13	6.4				
16	6.5					

November	18	Review for Exam			
	20		Exam 3		Chapter 6 Due
	23	No Classes: Thanksgiving Holiday			
	25				
	27				
	30				
December	2	Fun with Probability			
	4				
	11	Final Review			
	14				
	16		FINAL EXAM		Project Due