

MTH 103: Section 701—College Algebra
[Michigan State University](http://www.msu.edu)
Summer 2008

Meeting Times: Monday, Tuesday and Thursday 6:30 – 8:30 PM

Location: Room B 31 Groves High School
Birmingham, Michigan

Instructor: Alexandria Theakston

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Office Hours: Monday, Tuesday and Thursday 6:00 – 6:30 PM
Tuesday 8:30 – 9:15 PM
and by appointment

Prerequisite: MTH 1825 or appropriate score on Math Placement Test

Course Catalog Description: Number systems; functions and relations; exponents and logarithms; elementary theory of equations; inequalities; and systems of equations.

Text: *College Algebra Essentials* by Robert Blitzer, Prentice-Hall, Inc. 2004

Calculator: TI-83 Plus or equivalent graphing calculator.

Equipment: The graphing calculator should be brought to every class meeting, and it will be required for the homework, quizzes and exams. Only a pencil (or pen) and one graphing calculator will be required for exams and quizzes. Any use of texts, notes, 'crib sheets', lists of information concealed in calculators, etc. as an aid in writing quizzes or exams is specifically prohibited in this course. Calculators such as the TI 89/92, laptop and palmtop computers, or cell phones are not to be used for any graded assignment in this course. Cell phones and any equipment using earphones are prohibited in the classroom. The instructor will be using the TI 83+ or an equivalent calculator. If you have a different calculator, you are responsible for knowing how to use it.

Evaluation:

There will be three 50-minute exams (300 points), three quizzes (90 points), five graded homework assignments (100 points), a uniform final exam (200 points) and attendance (10 points). There are 700 total points in this course. The grading scale will be no worse than what is shown in the table below:

90–100%	4.0	65–72%	2.0
85–89%	3.5	60–64%	1.5
79–84%	3.0	55–59%	1.0
73–78%	2.5	0–54%	0.0

Attendance: Students are expected to attend all lectures. According to the Academic Programs, 2002-04, pg. 83, the University has a policy for non-attendance. Attendance will be taken. You are responsible for all the material covered. It is the student's responsibility to obtain missed material from classmates.

Make-up Policy: There will be no make-up exams. A missed exam will receive a score of 0 unless a valid reason is presented before the time of the exam. Advance travel schedules (business or personal) are NOT excuses.

Uniformly Graded Homework: Late homework will not be accepted.

Grade-change Policy: If you have any questions regarding grading of any of your graded material, you should return the graded material to your instructor, attach a short note with your questions before leaving the classroom. Once the graded material has left the classroom, no grading changes will be made.

Integrity of Scholarship and Grades: All students are expected to adhere to the University's policy concerning academic integrity. It is covered in the *Spartan Life booklet* under *General Student Regulations*. According to the handbook, "... no student shall claim or submit the work of another as one's own." For more information about this and other scholarship issues, please consult the handbook or visit the Spartan Life web site at <http://www.vps.msu.edu/SpLife/>

Important Dates:

5/12/2008	First day of classes for First Half Session
5/14/2008	Close of Computer/Telephone Enrollment for First Half Session
5/16/2008	Last day to late add or change sections (A212 Wells Hall)
5/22/2008	Last day to drop to an approved lower-level course (A212 Wells Hall)
5/22/2008	End of 100% refund period for First Half Session
5/26/2008	Memorial Day -- University closed
6/4/2008	Middle of First Session: Last Day for Withdrawal or Dropping First Half Session Courses with No Grade.
6/26/2008	Final Exam. Same time and location.
6/26/2008	Classes end for First Half Session

Tentative Schedule:

	Weekday	Date	Section(s) Covered	Comments
Week One	Monday	May 12	1.1, 1.2, 1.3	
	Tuesday	May 13	1.4, 1.5	HW 1 Due
	Thursday	May 15	1.6, 1.7	Quiz 1
Week Two	Monday	May 19	1.7, 1.8	
	Tuesday	May 20	2.1, Review	HW 2 Due
	Thursday	May 22	2.2	Exam 1 (1.1-1.8)
Week Three	Monday	May 26	No Class	
	Tuesday	May 27	2.3, 2.4	HW 3 Due
	Thursday	May 29	2.5	Quiz 2
Week Four	Monday	June 02	2.6, 2.7	
	Tuesday	June 03	3.1, Review	HW 4 Due
	Thursday	June 05	3.2	Exam 2 (2.1-3.1)
Week Five	Monday	June 09	3.3, 3.4	
	Tuesday	June 10	3.5, 4.1	HW 5 Due
	Thursday	June 12	4.2	Quiz 3
Week Six	Monday	June 16	4.3	
	Tuesday	June 17	4.4, Review	
	Thursday	June 19	4.5	Exam 3 (3.2-4.4)
Week Seven	Monday	June 23	Review for Final	
	Tuesday	June 24	Review for Final	
	Thursday	June 26	Final Exam	Same time and Location

Suggested Homework:

Section	Problems
1.1	1-47(odd), 60, 61, 63
1.2	1-17(odd), 21, 25, 29, 33, 37, 41, 45, 47, 49-59(odd),63,67,69,90,91,94,95
1.3	15-21(odd),27,31,35,39-47(odd), 57,63,67,71,73,88
1.4	1-43(odd),53
1.5	1,5,9,13,17,21,25,29,33,37,41,45,49, 53-65(odd),69,73,77,81,85,89,93,95,97,113,129,131,133
1.6	1,3,11,17-83(odd),105,109
1.7	1-57(odd),61,65,69,73,77,81,83,93,95,126
1.8	1-47(odd),53,66,69-73(odd)
Chap. 1 Review	1-35(odd),41,42,43-63(odd),67-71(odd), 77-91(odd), 93-95,97-105(odd),110,111,113
2.1	1,5,9,13,17,21,25,29,33,37,41,45-67(odd),71,77,97,99
2.2	1,5,9,13,17,21,25,29,33,37,41,45,49,53,55,57,71,75
2.3	1,5,9,13,17,21,25,29,33,37,41,45,49-73(odd),76,77,93
2.4	1,5,9,13-53(odd),61,65,69,73,75,83-89(odd),117
2.5	1-23(odd),27,31,35,39,43,45-51(odd),66,67,69,71-74
2.6	1,5-17(odd),21,25,27-39(odd),43, 47-57(odd),67,69,80
2.7	1,5,9-39(odd),43,45,64,65
Chap. 2 Review	1-23(odd),27-51(odd),40,59-73(odd),75,77,79,83,85-87,89,91,92;
3.1	1-7(odd),17-43(odd),47,66,70
3.2	1,5,9-15(odd),16-20,27-51(odd),80,81
3.3	1,5,9-41(odd),60,61
3.4	9-21(odd),29-43(odd),47,63
3.5	15-21(odd),29-45(odd),59,61-65
Chap. 3 Review	1,3,5,7,9,11,14,15,17-21(odd-a,c only),23-29(odd),31,35-39(odd-a,c,d only),45-55(odd)
4.1	1-17(odd),19-24,25-49(odd),55,68,69
4.2	1-41(odd),43-48,49-81(odd),87,104
4.3	1-81(odd),101-104
4.4	1-51 (odd),55-67(odd),87-89,91
4.5	5,7,9-12,17-23(odd)
Chap. 4 Review	1-4,5-27(odd),10,28-35,37,39,40,44,45-55(odd),52,57-61,63,64,67,68