

College Algebra
(MATH 1023)
Spring 2009

Professor: Paul Bailey

Office: WIL 228

Office Hours: MWF 10 am to 11 am; MTWRF 12 noon to 1 am; TTh 1 pm to 2 pm

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Book: *College Algebra*, 8th edition, by Michael Sullivan

Grade Components

Homework:	10%
Quizzes:	10%
Exams:	60%
Final:	20%

Homework exercises from the textbook will be assigned daily to be completed before the next class. These homework assignments will be completed using the MyMathLab web-based software program.

There will be a quiz or exam almost every Friday. This includes several twenty minute quizzes and six fifty minute chapter exams. The final exam will be produced by the mathematics department, and will be cumulative. The final examination has been scheduled by the university for Thursday, May 7, 2009.

Course Outline

Week	Monday	Topic	Sections
Week 0	Jan 12	Sets and Numbers	R.1, R.2
Week 1	Jan 19	Real Variables	1.1, 1.2, 1.3
Week 2	Jan 26	Real Variables	1.4, 1.5, 1.6
Week 3	Feb 2	Cartesian Plane	2.1, 2.2, 2.3, 2.4
Week 4	Feb 9	Functions	3.1, 3.2, 3.3
Week 5	Feb 16	Functions	3.4, 3.5, 4.1
Week 6	Feb 23	Quadratic Functions	4.3, 4.4, 4.5
Week 7	Mar 2	Polynomial Functions	5.1
Week 8	Mar 9	Polynomial Functions	5.5, 5.6
Week 9	Mar 16	Rational Functions	5.2
Week 10	Mar 23	Spring Break	
Week 11	Mar 30	Rational Functions	5.3, 5.4
Week 12	Apr 6	Exponential Functions	6.1, 6.2, 6.3
Week 13	Apr 13	Logarithmic Functions	6.4, 6.5, 6.6, 6.7
Week 14	Apr 20	Linear Systems	8.1
Week 15	Apr 27	Sequences and Series	9.1, 9.2, 9.3