

MAC 1105 Section 82
2012 Spring

College Algebra

Instr: Jamieson

TuTh 11 – 12:15, 1-120

Credit Hours: 3

Instructor: Michael Jamieson

Office: Bldg 7, Room 102L

Email: JamiesoM@cf.edu

Phone: 854-2322 Extn 1254

Hours: Levy TuTh 12:30 – 1:45,

Ocala: MW 9:30 – 10:45; 12:30 – 1:45

TuTh 12:30 – 1:45, Tu 4 – 5:15, or by appt.

Extended Emergency Closure For emergency campus closings (natural disasters, etc.) call 352-291-4499 or 800-831-9244 or check our website www.CF.edu.

Teaching philosophy:

- The instructional and other staff at *this educational institution* will support your educational endeavors.
- The primary determination of your educational progress is *your effort*.
- I will be clear about what competencies I want you to develop and provide ample opportunity to practice
- I will describe and illustrate various ways of solving problems. You should choose what works best for you.

College-wide Student Learning Outcomes

<http://inside.cf.edu/departments/curriculum/Learning%20Outcomes%20Subcommittee/2009-2010/Other%20Documents/L.O.%20Course-related%20Matrix%20Template%208-15-09.doc>

Learning Outcome for this Course

Communication: The student will read, write, speak, and listen effectively.

Exam

1. Read materials and effectively understand essential facts and concepts.

x

Quantitative and Analytical Reasoning: The student will understand and apply mathematical and scientific principles and methods.

1. Perform accurate computations using order of operations with and without technology.

x

2. Identify and organize relevant information and complete the solution of an applied problem.

x

3. Interpret and communicate understanding of visual representations of data.

x

4. Demonstrate mathematical number sense and unit sense.

x

Course Description: This course is a study of functions. The course covers linear, absolute value, exponential, logarithmic, quadratic, and rational and radical functions and their applications. The course presents these concepts through an applied approach. Other topics include systems of equations, composition of functions and inverse functions. This course is intended for those students who need additional preparation before pre-calculus mathematics as well as those whose major programs specifically require this level of mathematics.

Pre-requisite: MAT 1033 with a grade of C or better or score of at least 40 on CLM.

Required eText: *Essentials of College Algebra, 3rd edition* Author: Rockswold

“ISBN”: available through <http://coursecompass.com/>

Pearson CourseID: jamieson66373

Additional Required Materials: Scientific calculator, TI30XS or other calculator with a two-line display is *strongly* recommended

Assessment:

Three tests, 20% each; Chapter 3 quiz, 5%; MyMathLab homework, 7%; class activities, 8%, comprehensive final exam, 20%.

No tests are dropped.

No make-ups or extensions for homework or class activities. Do not put off homework until the last minute.

Homework for each chapter is due at the beginning of class time the day that chapter is tested.

Make-ups for tests will be given only for documented, **serious** excuses – do not assume that vacation plans will be considered a serious excuse. Discuss foreseeable conflicts with me as soon as possible to see if you will be allowed a make-up.

You must **contact me by the day of a missed test** for a make-up to be considered.

Any **questions regarding grading** must be addressed within one week of when I return the test to the class.

Test dates: 1/31, 3/2, 4/18

Final: Tuesday, May 1, class time

College Grading System

A: $\geq 90\%$ B+: $\geq 87\%$ B: $\geq 80\%$ C+: $\geq 77\%$ C: $\geq 70\%$ D: $\geq 60\%$ F: $< 60\%$

Tentative Schedule TuTh

Date	Day	Sec
1/5	1	1.2 – 3
1/10	2	1.3 – 4
1/12	3	Difference quotients
1/17	4	2.1 – 2
1/19	5	2.3 – 4
1/24	6	2.5
1/26	7	2.5
1/31	8	Test Ch 1 – 2
2/2	9	3.4
2/7	10	3.2
2/9	11	3.2

Date	Day	Sec
2/14		Planning Day
2/16	12	Quiz 3.1 – 2,4
2/21	13	3.1
2/23	14	3.1
2/28	15	3.3
3/2	16	Test Ch 3
3/7	17	4.1 – 2
3/9	18	4.2 – 3
3/14		Spring Break
3/16		Spring Break
3/21	19	4.4 – 5

Date	Day	Sec
3/23	20	4.5 – 6
3/28	21	4.7
3/30	22	Diff Quot
4/4	23	Diff Quot
4/6	24	5.4,6
4/11	25	5.5 – 6
4/13	26	5.7
4/18	27	Test Ch 4 – 5
4/20	28	6.1
4/25	29	Review
4/27	30	Review
5/2	Final	

College Policies (dates are for Spring 2012)

Academic Integrity – Cheating and/or plagiarism will not be tolerated and may result in an F for the course as well as disciplinary action under the Code of Student Conduct. A student may be referred to an Academic Integrity Seminar. This two-hour seminar costs \$40 and attendance is required (see Student Planner).

Access Services – It is your responsibility to register with the Access Services Office should you have a verifiable and documented disability which may require reasonable accommodation(s). Further, it is your responsibility to provide your instructor with the Faculty Notification Sheet, which sets forth the reasonable accommodation(s) determined by the Access Services Office. Registration with Access Services should be done at the beginning of the semester. For information see <http://www.cf.edu/departments/sa/access/>.

Classroom Decorum – Disruptive behavior will not be tolerated. Disruptive students will be asked to leave the classroom. Continuous disruptive behavior will result in withdrawal from the course and disciplinary action under the Code of Student Conduct (see Student Planner).

Withdrawal – If you want to withdraw from this class, you must fill out the necessary forms and have them signed by the appropriate parties. If you just stop coming to class after the posted drop date, you may receive the grade of F.

Spring 2012

- Add/Drop period: Jan. 5-9
- Drop only: Jan. 10-11
- Last date for a refund: Jan. 11
- Last day to withdraw with a W: March 9

1st Minimester

- Add/Drop period: Jan. 5-6
- Drop only: Jan. 9
- Last day to withdraw with a W: Feb. 7

2nd Minimester

- Add/Drop period: March 1-2
- Drop only: March 5
- Last day to withdraw with a W: April 6

The college reserves the right to evaluate individual cases of non-attendance.

Students should be alerted to the fact that

- (1) withdrawals do not count in the CF GPA, but may not be viewed favorably at the university level or for financial aid
- (2) a withdrawal counts as an attempt under the forgiveness/withdrawal policy and the course repeat policy
- (3) there are increased costs to take the course on the third attempt
- (4) there may be a reason a withdrawal request may be denied.

Please see the college's withdrawal procedures.

College Preparatory Courses – State law requires no more than three attempts TOTAL to complete all college preparatory (English, mathematics and reading) courses. Students registered in college prep courses who receive N grade must repeat the same course and complete it with a grade of C or better before they can register for other courses that require the successful completion of the prep as a requirement.