MAT 039 – BEGINNING & INTERMEDIATE ALGEBRA

INSTRUCTOR: GREG SEVERANCE

OFFICE: JM 250
PHONE: (517) 796-8489

SCHEDULE

Day	Section(s)	Topic
1	2.1,2.2	Expressions, Fractions
2	2.6,1.2	Order of Operations, Scattergrams
3	1.3,1.4	Exact & Approximate Linear Relationships
4	Supp,3.1	Graphing, Weighted Averages Supplement
5	3.2,3.3	Linear Models, Slope
6	3.4,3.5	Graphing Linear Equations, Rate of Change
7		*Exam 1*
8	4.1,4.2,4.3,4.4	Distributive Property, Solving Linear Equations
9	4.5,4.6	Equations & Formulas
10	supp,5.1	Graphing Linear Equations, Geometry Supplement
11	5.2,5.3	Functions
12	5.4,5.5	Linear Models
13	5.6,5.7	Estimates and Inequalities
14		*Exam 2*
15	6.1,6.2	Graphing & Substitutions to Solve Systems
16	6.3,6.4	Elimination, Modeling
17	6.5,7.1	Applications, Polynomials
18	7.2,7.3	Multiplying Polynomials
19	7.4,7.5	Exponents, Polynomial Division
20		*Exam 3*
21	8.1,8.2	Factoring
22	8.3,8.4	Factoring
23	8.5,8.6	Solving Polynomial Equations
24	9.1,9.2	Graphing Quadratic Equations
25	9.3,9.4	Square Root Property
26	9.6,9.7	Quadratic Formula, Systems in Three Variables
27	9.8,9.9	Quadratic Models
28		*Exam 4*
29		Review for Final Exam
30		*Final Exam*

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PHONE: (517) 796-8489
EMAIL: severangrege@jccmi.edu

COURSE MATERIALS

A MyMathLab Student Access Code. The textbook is included in digital form with MyMathLab.

GRADE WEIGHTING

SEMESTER EXAMS	40%
EXERCISES/QUIZZES	40%
FINAL EXAM	20%

GRADING SCALE

90 - 100%	4.0
85 - 89%	3.5
80 - 84%	3.0
75 - 79%	2.5
70 - 74%	2.0
65 - 69%	1.5
60 - 64%	1.0
50 - 59%	0.5
0 - 49%	0.0

ATTENDANCE:

You are expected to attend all class sessions.

Please be advised that the Federal Government requires that you must attend and be constructively engaged in course activities starting this week and continuing throughout the semester or you must be dropped from the course.

Your progress with assignments will be checked often. If you get a week or more behind, you can expect to be dropped from the course.

ACADEMIC HONESTY:

Refer to the JC academic honesty policy in the JC handbook for a complete policy description. The potential consequences of violating the academic honesty policy are as follows. If I suspect a student of academic dishonesty I may penalize the student by taking appropriate action up to and including assigning a failing grade for the paper, project, report, exam, or the course itself.

CELL PHONES

Cell phones are not allowed to be used for any purpose during exams.
Cell phones are not allowed to be used for any purpose that disrupts the class.
Cell phones are not allowed to be used for any purpose that distracts another student.

ASSIGNMENTS:

In class exercises will be assigned and graded. Unless otherwise specified by the instructor, in class exercises are to be completed immediately and are due upon completion.

Homework will be assigned in MyMathLab. The due dates for MyMathLab assignments are specified in MyMathLab.

Quizzes will be given in class and graded. Quizzes are to be completed immediately and are due upon completion.

EXAMS:

Exams will be TI-83+/TI-84+ graphing calculator dependent. You are allowed the use of one 8.5 x 11 sheet of handwritten notes, front and back for each exam.

FINAL EXAM:

The final exam will be comprehensive and TI-83+/TI-84+ graphing calculator dependent. You are allowed the use of one 8.5 x 11 sheet of handwritten notes, front and back.

WHERE CAN YOU GET HELP?

MyMathLab. The MyMathLab software contains many methods for providing help. Explore the site and find the method that works best for you. Note that MyMathLab maintains a great product support service. You can reach them 800.677.6337.

The Center for Student Success. Drop in tutoring is available at the Center for Student Success in Walker Hall room 123. Regular tutoring and additional support for academic success can be arranged by calling 517.796.8415 or by stopping by the Center for Student Success.

The JC Information Technology Solution Center. If you are having problems with JetNet or internet access contact the JCC Information Technology Solution Center by calling 517.796.8639

The Kahn Academy online at http://www.khanacademy.org/ which covers topics including developmental math and prealgebra. Scroll down until you get to the appropriate category.

MathTV online at http://mathtv.org which covers topics including developmental math and prealgebra.

A variety of other online math help exists and can be found by doing an internet key word search for "math help".

MAKEUP POLICY:

You must notify the instructor in advance if you must a miss class session during which an exam is scheduled or an assignment is due. The instructor, at his discretion, may allow you to take the exam or submit the assigned work early. If this is not possible, the following provisions apply.

- Exams cannot be made up.
- Assigned work that is submitted after it is due will not be accepted for credit. In class quizzes or graded exercises that are missed cannot be made up.

GRAPHING CALCULATOR:

The Texas Instruments TI-83+ or TI-84+ graphing calculator is ***required equipment*** for this course. You are required to obtain one prior to the first class meeting and bring it to every class meeting. Throughout the course procedures will be discussed, demonstrated, and used during class that are specific to this calculator. Exams and homework will be TI-83+/TI-84+ calculator dependent. Use of a graphing calculator other than the TI-83+/TI-84+ is strongly discouraged.

REVISION:

I reserve the right to revise any part of this document as I deem necessary throughout the semester. Revisions, if they occur, will be announced during class.