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Syllabus for Spring 2012
Three Rivers Community College
Elementary Algebra Mat 095/CRN 10330
Monday, Wednesday, Friday
10:00 to 10:50 a.m., Room D206

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Adjunct Instructor: Sue Butler
Email: sueqbutler@yahoo.com
Office Hours: by appointment, after class

Text: *Beginning Algebra, 5th* edition, by Elaine Martin-Gay.

Calculator (optional): The TI-83 or TI-84 is required in the next math course. Any standard calculator will work also.

Course Description: This course extends the basic algebra skills acquired in Math 075. The topics include: exponents, polynomials, factoring, graphing, systems of linear equations, inequalities, radicals and scientific notation. Prerequisite: Math 075, its equivalent, or acceptable placement test score.

Grading Policy:

Half of your grade for the semester will be the average of three in-class exams; tentatively scheduled for Feb. 22, April 9, and May 14.

The other half of your grade will be the average of take-home assignments and in-class quizzes. The lowest grade will be dropped.

Grade Equivalents:

		A	93 - 100	A-	90 – 92
B+	87 – 89	B	83 – 86	B-	80 – 82
C+	77 –79	C	73 – 76	C-	70 – 72
D+	67 – 69	D	63 – 66	D-	60 –62
F	59 or lower	I	incomplete (see below)		

Please note that a grade of C or better is required to go on to the next course.

Textbook assignments:

- Textbook assignments will assist you in your mastery of the concepts discussed in class.

- Chapter Review and Chapter Test assignments will be collected and reviewed for effort, not accuracy. Up to 5 bonus points will be added to your course average based on the percentage of successfully completed assignments. The Homework Procedure Guidelines must be followed precisely.

- <u>Check your work</u>. **Do one problem at a time** and **check your answer** before proceeding to the next problem. If you have made a mistake try to figure out what went wrong. Click on "do a similar exercise" on MyMathLab as many times as needed to master a skill.

- Make note of any difficult problems that can be reviewed at our next class meeting. **<u>Each class session will open with a "question and answer" period</u>**. This is **YOUR** opportunity for extra help with difficult homework problems.

"I hear and I forget,
I see and I understand,
I do and I learn."-Confucius

Translation: You have to **do** the math to **learn** the math!

Absence:

If you are <u>absent</u> on the day of an exam you will have until the ***next regularly scheduled class session*** to contact me and make arrangements to take your exam.
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Resources:

- **TASC (Tutoring Center)** is located in room C-117. TASC provides free one-to-one tutoring. Also, TASC's portion of the school's website has many links to other online resources; go to the TASC homepage at htt;://www.trcc.comment.edu/ed_resources/task/index.htm and follow thelink to "online Resources."

- **Each other**: exchange contact information with classmate(s).

Classroom Policy:

I respect you and expect respect from you. Being a mature college student entails responsibility. This means you are responsible for yourself, your education, your assignments, your behavior, your attitude, your timeliness, and your contributions to the classroom atmosphere. I expect all students to be prompt, attentive, prepared, supportive of their classmates, and contribute to a positive classroom atmosphere.

Early Warning:
Students experiencing academic difficulty and/or chronic absenteeism will be notified of their class standing.

Academic Dishonesty:
Conduct which as its intent or effect the false representation of a student's academic performance and/or knowingly and intentionally assisting another student to do so in any way constitute academic dishonesty. In the even of academic dishonesty, the College's policy will be enforced.

Cellular Phones and Beepers:
Students are notified that cellular phones and beepers are allowed in class only if they are turned off or turned to a silent mode. When there are extenuating circumstances that require that a student be available by phone or beeper, the student should speak to me prior to class so that we can arrive at an agreement.

Withdrawal Policy: A "drop or withdrawal" from the course will be accepted through the 10th week of classes in accordance with the designated withdrawal deadlines. Students need to fill out the special withdrawal form available at the registrar's office: Withdrawals are processed only through the Registrar's Office at (860) 892-5756 or the Subase at (860) 445-5575. Students who do not withdraw, but stop attending will be assigned an "F".

Disabilities Statement: If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact the disabilities Counseling Services at 383-3240. To avoid any delay in the receipt of accommodations, you should contact the counselor as soon as possible. Please note that I cannot provide accommodations based upon disability until I have received an accommodation letter from the disabilities counselor.

This course has been set up as a **MyMathLab-based course**.

MyMathLab is a website that is available to you 24/7, whereas our total class time each week is less than 3 hours.

MyMathLab is an incredibly powerful tool to help you master the concepts in this course.

MyMathLab is not required to successfully complete this course; however it is *strongly recommended* that you take advantage of the opportunities available to you only through MyMathLab. (See the grading policy.)

MyMathLab contains an online version of your textbook, links to video clips, practice exercises, animations, and unlimited tutorial exercises.

It will be your responsibility to use MyMathLab to familiarize yourself with the material covered each week, and to keep up with the course schedule in case of absences, class cancellations due to inclement weather, instructor absence, or your own absence(s). Class time will not be entirely lecture-based. Instead we will use that time to problem-solve together or in small groups.

MyMathLab Registration instructions:

The codes you need to register online with MyMathLab are provided in **new** textbooks in the student registration packet, **OR** for a separate fee of approximately $70 (subject to change) using a credit card.

You will be prompted to enter the code that comes with the packet. Please record your choices for your username and password. You will need them each time you log into MyMathLab. Your home computer may need to install "installation wizard", and "allow pop-ups on this site only". The zip code for Norwich is 06360.

If you are already enrolled in MyMathLab for another Math 095 course, just click on "enroll in another course" and enter the new code.

Our Course Code is: butler22033
Please be sure to log in to the correct course.

General Tips for Success

Attend all class periods. REQUIRED! Please be prompt. Excessive tardiness is disruptive. Make sure your work hours do not conflict with the course schedule.
Have a back up plan for emergencies: car trouble, illness, child care.

Come to class prepared: bring a notebook, pencil or pen to every class.

Do your homework, "practice makes perfect", especially algebra!

Check your work. If you have made a mistake try to figure out what went wrong. Then correct your mistake. Rework the problem from the beginning. Click on "do a similar exercise" on MyMathLab as many times as needed to master a skill.

Learn from your mistakes. Don't skip steps. DO NOT try to do it all 'in your head'. Skipping steps will ultimately waste your time from making simple errors.

Ask questions! My experience tells me that if you have a question, then at least 5 other classmates have the same question. There is no such thing as a stupid question.

 Take notes. Jot down notes as you go through the MyMathLab instruction segments, take notes from the blackboard, do your homework assignments *neatly* in a notebook; use your notebook to work out the online assignments and tutorials.

Use class time wisely. Visiting other websites or conducting personal business during class time is prohibited.

<p align="center">Best wishes for your success in mathematics!</p>

Homework Procedure Guidelines
1. Clearly label homework assignments with your name, date, and chapter.

2. Copy each original homework problem (except word problems)

3. Show all work. "Answer lists" will not be accepted.

4. Clearly label your answer(s).

5. Compare your answers to the answer key. Mark your answers as correct or incorrect. **Check each problem** *one at a time* as you work through an assignment.

6. Optional: Notes for the instructor, such as "Help!" or "I don't understand!"

Textbook Assignments:

Textbook assignments will roughly match the online MyMathLab homework assignments. Homework is a tool for measuring your own mastery of each concept. Each class will begin with discussion of your homework questions from the online assignments and corresponding questions from the textbook.

eoo = every other odd: 1, 5, 9, 13…
e3o = every third odd: 1, 7, 13, 19 …

Section	Page	Problems

Chapter One: Review of Real Numbers

1.4	32	1 – 91 every third odd (e.3.o)
1.7	56	85 – 11 every other odd (eoo)
1.8	63	31 – 61 eoo
*Review	69	15, 16, 21 – 28 (see 1.3 for review of fractions), 77, 78, 81 – 92, 105 – 110)
*Test	72	3 – 17, 23 – 27

* Chapter Reviews and Chapter Test problems are collected.

Chapter Two: Equations, Inequalities, and Problem Solving

2.1	80	45, 47, 49, 51, 57, 61, 63, 65, 65, 83, 85, 87)
2.2	87	41 – 69 odd
2.3	96	49 – 69 odd, 77 – 79 odd
2.4	103	37, 41, 43, 47, 51, 53, 55, 59, 61, 63, 65
	105	Integrated review: multiples of 5 and 33.
2.5	111	1 – 9 odd, 13, 17, 19, 21, 23, 25, 39
2.6	122	15 – 27 odd
2.7	134	1, 3, 13, 17, 23, 25, 27
2.8	143	1 – 31 eoo
2.9	153	1- 47 eoo

*Review	163	except 89, 90, 95, 96
*Test	166	except 24
*Cumulative review, p. 167		except 27 – 30

* collected

Chapter Three: Graphing   (graphing paper required)

3.1	180	17 – 31, 39 – 59 odds
3.2	191	1 – 31 odd
3.3	200	1 – 37 odd
3.4	213	1 –19 odd, 25 – 45 odd, 53 – 57 odd
3.5	224	1 –49 eoo

Chapter Four: Systems of Linear Equations

4.1	skip	
4.2	263	1 – 19 odd
4.3	269	1- 19 odd
4.4	278	17, 19, 33

Chapter Five: Exponents and Operations on Polynomials

5.1	310	1 – 75eto, 77 - 103 odd
5.2	320	5 – 65 odd
5.3	327	1 - 41 odd
5.4	334	1 – 71 eoo
Integrated review, p. 336		1 – 37 odd
5.5	343	1 – 25 odd, 27 – 67 eto
5.6	350	1 - 11 odd
*Review	356	5 – 30, 41 – 105, 132 - 147
*Test	359	1 – 9, 16 – 29

*Cumulative Review, p. 360 except 41

Chapter Six: Factoring Polynomials

6.1	369	1 – 23 eto, 25 – 37 eoo, 55 - 73 eto
6.2	376	1 – 59 eoo
6.3	384	1 – 21 odd, 23 – 49 eto, 51 – 67 odd as needed
6.4	389	1 – 9 eoo, 13 – 53 eto
	384	1 – 99 eto
6.5	396	1 – 21 odd, 23 – 29 odd, 35 – 69 eto
Integrated review, p. 398 chart		
	p. 400	1 – 99 eto, as needed
6.6	408	1 – 11 odd, 19 – 43 eoo
6.7	skip	
*Review	424	1 – 55, 67 – 85, 90 - 94
*Test	426	1 – 25

*Cumulative Review, p. 427 except 37, 39

Chapter Eight: Roots and Radicals

End of Math 095!!