Instructor:	Amy Edwards	E-mail:	amy.edwards@skagit.edu
Office Phone:	360-416-7991	Office:	Ford Hall 217, Mount Vernon Campus
Office Hours:	Tuesday, Thursday:	10:30 AM – 11:20 AM	
	Monday, Wednesday, Friday:	1:45 PM – 2:35 PM	*or by pre-arranged appointment*

Course Description:

Math 097 is a beginning course in algebra. Topics include: algebraic expressions, solving linear equations and inequalities, ratios and proportions, graphing and determining linear equations, exponents and polynomials. A graphing calculator may be required. **Prerequisite:** Math 96 with a grade of C or higher, or equivalent math placement score **and previous computer experience with internet and email usage**, at minimum.

Federated Learning Community:

This course is offered as a stand alone course Math 97 or as Math 97C, a federated learning community with CSS 100 (Math Success Skills). In the federated learning community, students will be able to acquire the skills specifically needed to read a mathematics textbook and take exams, and apply the variety of strategies learned from CSS 100 to help them succeed and understand the concepts from their math course. Student attendance and progress in math will be shared with the CSS100 instructor.

Student Outcomes:

After completion of this course the student will be able to:

- Demonstrate a basic understanding of the structure of the real number system.
- Use sets and set notation when appropriate.
- Perform basic operations with algebraic expressions
- Solve linear equations.
- Solve fractional and decimal equations.
- Graph linear equations.
- Find equations of lines.
- Solve ratio and proportion problems.
- Solve applications relevant to course content.
- Apply alternative mathematical techniques, from a historical perspective, where appropriate.
- Understand the use of mathematics cross culturally.
- Understand how mathematics is used in other fields and occupations.

General Education Outcomes:

Students will be able to . . .

2.1 Identify and express concepts, terms, and facts related to a specific discipline.

8.1 Analyze problems to determine what mathematical principles apply.

8.2 Correctly apply logical reasoning and mathematical principles to solve problems.

8.3 Interpret information and reasoning expressed mathematically (for example in spreadsheets, diagrams, charts, formulas, etc.).

8.4 Communicate mathematical information effectively.

Required Materials:

- <u>Beginning and Intermediate Algebra</u>, 4th edition, K. Elayn Martin-Gay, Prentice Hall
  This text will be used for Math 97, 98, and 99. The e-text is available online with your MML access.

- <u>MyMathlab Access code </u>for this edition of text
  Your MML access code for this text edition is good for one year from the date that you register it.

- *Three Ring Binder and Loose Leaf Paper:* **You will keep a class notebook for all of your work.**

- *Calculator:* Any scientific calculator. **Cell phones CANNOT be used in class as calculators. A graphing calculator is not required. TI-89 or TI-92 (or equivalent) calculators will not be allowed on tests.**

- *Computer and Internet access:* A computer capable of running MyMathLab and a reliable Internet connection. High speed internet is strongly recommended in order to take advantage of multi-media features. See **http://www.coursecompass.com/html/system_requirements.html** for system requirements. If you

do not have a computer at home that meets these requirements, all of the labs in Ford Hall are set up for MyMathLab. F-212 and F-104 are open labs with extensive hours. F-209 is a "quiet lab" that can be used when it is open and there is not a class in it.

- Coursecompass/MyMathLab Course ID: edwards77096

Tentative Schedule

Week	Beginning:	Chapter/Sections:	Tests/Important Dates: Check on MML for homework due dates. Participation and Checkpoint assignments will be announced in class.
01	Sept. 20	Chapter 1: Review of Real Numbers: 1.1 – 1.4	
02	Sept. 27	1.5 – 1.8	
03	Oct. 4	Chapter 2: Equations, Inequalities and Problem Solving: 2.1 – 2.3	**Oct 8 : Test 1 - Chapter 1**
04	Oct. 11	2.4 – 2.7	
05	Oct. 18	2.8, Chapter 3: Graphing: 3.1, 3.2	
06	Oct. 25	3.3, 3.4	**Oct. 29: Test 2 - Chapter 2**
07	Nov. 1	3.5, 3.6, Chapter 4: Systems of Linear Equations: 4.1	
08	Nov. 8	4.1, 4.2	**Nov. 12: Test 3 – Chapter 3**
09	Nov. 15	4.3 – 4.5	
10	Nov. 22	Finish chapter 4	**Nov. 24: Test 4 - Chapter 4**
11	Nov. 29	Chapter 5: Sections 5.1, 5.5	
12	Dec. 7	Final Exam	**Dec. 7: 11:30 AM – 1:30 PM: Final Exam Ch. 1-4, 5.1, 5.5**

Important Dates:

Friday, Nov. 1	Last Day to withdraw from a class and receive a "w" without restriction
Thursday, November 11	Veterans Day Holiday – College is closed
Thurs, Fri, Nov. 25, 26	Thanksgiving Holiday – College is closed (College closes at 5PM, Wed, Nov. 24)
Tuesday, December 7	Final Exam

Method of Evaluation: After completion of the final exam, final grades will be awarded on the following scale:

Grading Scale:

Participation:	5%	**A-** : 90% - 92%,	**A:** 93 - 100%	
Homework:	15%	**B-** : 80% - 82 %,	**B:** 83 – 86 %,	**B+**: 87 – 89 %
Checkpoints (quiz/worksheets):	15%	**C-** : 70% - 72%,	**C:** 73 - 76%,	**C+**: 77 -79 %
Tests:	45%	**D-** : 60% - 62%,	**D:** 63 - 66%,	**D+**: 67 - 69%
Final Exam:	20%	**E:** 0% - 59%		
Total possible:	100%			

Classroom Environment:

To ensure the best possible learning conditions for everyone, we need to treat each other with respect and consideration at all times. Please reserve private, non-algebraic conversations for outside of the classroom. Please make sure that cell phones and pagers are silenced and/or turned off **and** put away during class. The use of electronic devices (except for hand held calculators) is not permitted during class.

Please be punctual. Late arrivals are disruptive to both the instructor and the other students.

Attendance:
You are responsible for all material presented in class including: handouts, assignments, announcements and activities, as well as material covered in readings from the book. You are also responsible for any announcements via MySVC email or MyMathlab, so check these sites daily. Your presence and participation in the classroom is vital to your success. In the event that you must miss a day, you should review the material on your own to be prepared for class when you return. You can also view videos of the author explaining topics via MyMathLab. Use them if you miss a lecture or if you want a second point of view on a topic.

Participation:
Being an active participant will enhance your learning experience. A few participation assignments will require you to make use of available resources. You will talk and write about mathematics, as well as read and listen, to increase your understanding and your communication skills in the language of mathematics. **In addition, you will be graded on your constructive participation in the class. This will be based on your participation in class discussions, effective participation in group problem solving exercises, and attendance (It's hard to participate if you're not here!)**

Course Notebook:
Organized and easy-to-find information will make it easier to study and aid in your success in any course. For your math course, you will create and maintain a course notebook. You should bring your notebook to class everyday, and use it while completing online homework exercises.

I suggest that the notebook be divided in five sections, each section separated by a functional, labeled divider. There should be no loose pages.:

1) **Course Handouts:** Here you should keep a copy of all the important paperwork that your instructor provides. The syllabus should be the first handout in this section.

2) **Class notes:** Date all of your notes from class, indicate the sections covered and keep in chronological order.

3) **Homework:** This section will contain your paper-and-pencil work for each online homework assignment that you complete during the quarter. Make these as neat and thorough as possible. It is important to see the steps involved in solving a problem, to be able to find any errors, to ask for help, and to study for exams.

4) **Checkpoints and Tests:** All of your tests, quizzes, worksheets and any other graded assignments will go in this section, in the order in which they were taken.

5) **Vocabulary:** For each vocabulary word listed in the VOCABULARY CHECK at the end of each chapter, you should write out a short definition "in your own words". You may also add other words or phrases that come up in class, the reading and video lectures. You should review this list often, to make sure you are able to communicate in the language of mathematics.

Homework:
Read a few sections ahead in the textbook *before* we cover the material in class. This will allow you to focus in class on areas that may be especially difficult for you. You will also be familiar with the concepts and terminology already. Work through all of the examples, as they contain useful information that may pertain to completing homework problems.

Homework assignments will be completed and submitted on the computer using MyMathLab. MyMathLab assignments can be completed on any computer that that has internet access and the necessary plug-ins. All of the computer labs in Ford Hall are set up so that you can do MyMathLab homework. F-212 and F-104 are open labs with extensive hours. F-209 is a computer classroom that can be used anytime that it is open and not occupied by a class.

The homework must be completed by the due date indicated on the calendar on MyMathLab (generally within two days of the lesson on that topic) in order to receive credit. It is important to review notes and work on homework assignments as soon as the material is covered in class in order to remember what you have learned. In addition, if you wait until the last minute to do your homework and then have technical or mathematical problems, you may

not be able to complete the assignment in time to receive credit. Should you need more practice after the due date, you can access additional problems through STUDY PLAN in MyMathLab. However, exercises completed in STUDY PLAN will not change your homework grade. Questions on homework exercises are encouraged, however, class time may be limited, so please make good use of my office hours.

Checkpoints and Tests:
There will be a minimum of five checkpoints (quizzes or worksheets) throughout the term, some of which may be online. Your lowest checkpoint score will be dropped. **No make-up checkpoints will be given**.

There will be four chapter tests; the lowest test score will be dropped. **No makeup tests will be given.**

*Please note: I drop one quiz and test grade so that, in the event of an emergency or an illness, missing one test or quiz will not lower your grade or cause you to fail the class. It is important that you **only** use this option for emergency or illness because a second missed test or quiz will result in a grade of 0 that will be used in the final grade computation. Also, even if a test grade is dropped, the material must still be mastered; the material will be used throughout the course and it will be tested on the final exam.*

Final Exam:
A two hour, comprehensive final exam will be given on the date specified in the schedule of classes, and on the schedule of this syllabus. The final exam must be taken at the scheduled time, so make sure that your travel plans do not conflict.

Academic Honesty:
A student caught cheating will receive an automatic 0 for the test or assignment – this grade will not be dropped. Cheating includes, but may not be limited to: using unauthorized notes during an exam, communicating with another person during an exam and/or looking at another person's exam paper during an exam.

Places To Get Help:
Please do not hesitate to come and see me if you are having difficulty. If the office hours that are listed on the front page don't work for you, call me or e-mail me or talk to me before or after class and we will work something else out.

In addition, drop-in tutoring is available in the Math Center in F-212 and in L-20. Once the quarter is in full swing, tutoring hours will be posted on the white boards in both F-212 and L-20. The Math Center is a great place to go just to sit and work on homework problems – there are a number of large tables that are great for gathering with other people who are working on math and you will often find math faculty wandering around. Individual tutoring may also be possible if you qualify - if you are interested in this, talk to me and I will let you know who to contact. I urge you to work together with your classmates outside of class. That kind of collaboration can be extremely beneficial; discussing the material with other students in the class will help you to understand it.

If you are a student with a disability and need academic accommodations, please contact Disability Support Services. For an appointment on the MV Campus, call the Counseling Office at (360) 416-7654, or ask in person at the Counseling Reception Desk. At the Whidbey Island Campus, contact Penny Bump, Accommodations Support, at (360) 679-5351 or Carol Funk, Counselor, at (360) 679-5393. In regard to San Juan and South Whidbey Centers, contact the site director. For more information, go to Disability Support Services under Counseling/Career Services at www.skagit.edu.

Academic Honor Code All students of Skagit Valley College are responsible for knowing and adhering to the Academic Honor Code of this institution found at http://www.skagit.edu/honorcode. Violations of this code include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct are reported to the student conduct officer. Students found to be in violation of the Academic Honor Code are subject to academic consequences up to and including failure of the course. Students may also be subject to college disciplinary sanctions up to and including expulsion from the College. For definitions of some of these terms, and the college policies for dealing with them, see the **Code of Student Conduct** at http://www.skagit.edu/conduct .

Emergency Closure or Extreme Weather Conditions: In the case of inclement weather, you may check for school closures by calling the main SVC number: 360-416-7600, by checking the SVC website: www.skagit.edu , by checking www.schoolreport.org or by listening to local TV or radio stations. If the college is open but my classes are cancelled, then I will leave that information on my voice mail message (360-416-7991). In the event that the College is closed due to an emergency, you should work on the next section in the schedule in this syllabus. In the event that the college is closed for an extended emergency, I will communicate any further instructions via Mymathlab. Students should check their SVC email and Mymathlab and/or Blackboard accounts daily for college and course announcements.

Tips for Success:
1. Attend class each day, and come on time. Good grades are directly related to attendance. If you cannot attend, be sure to get notes and information from another student. Also, you can view video clips of lessons via MyMathLab.

2. Just as mastering a musical instrument, becoming fluent in a foreign language or excelling in a sport take determination and lots of practice, so does the study of mathematics. Start by making a weekly schedule of all of your courses, work time and other obligations. Set aside 2 to 3 hours daily to work on math and write it down on your schedule. Make sure that you choose times when you can concentrate the best.

3. Prepare for class by reading pertinent sections in the text ahead of time. Review your notes after class. Attempt all homework. If you get stuck, make note of the problem and ask about it. You can also email with a question right from an online homework assignment, and I can view the exercise you worked on.

4. Make use of the tutorials, video clips, and Study Plan problems on MyMathLab.

5. Read the instructions to online homework and tests carefully! They often tell you in what form they expect the answers.

6. Use the Drop-in tutoring centers! It is a valuable resource. Tutors are very friendly and are happy to help.

7. Find other students, whose study habits are compatible with yours, to work with regularly.