



SYLLABUS PACKET
FALL 2019

Weekdays in IVC 102:

10:00 – 10:50 AM

Math 72 (Item #6691, Sect DED, 5 cr.)

Math 97 (Item #6755, Sect DEC, 5 cr.)

11:00 – 11:50 AM

Math 70 (Item #6623, Sect DEE, 5 cr.)

Math 97 (Item #6763, Sect DEE, 5 cr.)

Computer Mediated Learning
Instructor: Rochelle Mitchell



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Overview:

This is a computer-mediated **HYBRID** (FLEX) class, and it is vital that you attend class during the first week to ensure you are in the correct place, in the correct course, and have the correct materials.

This is NOT an online course. Rather, this is a **HYBRID** course which means attendance is not required everyday. You are required to be in class on the first 3 days of the quarter, and you must take your tests in our classroom during our scheduled class time.

This course does NOT use CANVAS. Assignments are completed online via the Hawkes Learning courseware entitled *Developmental Mathematics, 2nd edition*.

In addition to taking tests, you are expected to do approximately 2 – 4 hours per day on a computer on campus or at home.

How to Contact Me

What to call me: Rochelle or Ms. Mitchell

Office: CH 301-11

Office Hours: Mondays & Wednesdays: 8:00 – 8:50 AM

Mondays, Tuesdays, & Thursdays: 1:00 – 1:50 PM
or by appointment

Phone: 253-833-9111 Extension 4507

Email: rmitchell@greenriver.edu or you can send me a message through the message area of the Hawkes Learning System Courseware. Look for the envelope icon next to your name when you are logged into Hawkes. I will respond within 24 hours from Monday at 8 AM through Friday at 3 PM. Over the weekend, I may respond or not get to email until Monday morning.

Website: http://www.instruction.greenriver.edu/rmitchell/Courses/MathLab/Hawkes_Learning_Page.shtml

Hawkes Website: <https://learn.hawkeslearning.com>

Hawkes Help #: 1-800-426-9538



Supplies You Will Need

Access Code for the Course Software:	<i>Developmental Mathematics, 2nd Edition by Hawkes Learning Systems</i>
Calculator:	Math 62 & 70 - Scientific Calculator (Many students use a TI-30 XIIS calculator) Math 72 & 97 - Graphing Calculator (TI-83 or 84 is recommended. You can rent from the Math Learning Center at the Auburn campus for \$20 or purchase one.)
Other:	• Paper & Pencil (Bring to class every day.)
Optional:	• Course book <i>Developmental Mathematics</i> by D. Franklin Wright • Jump drive (If you do not have the internet at home and need to bring in your certifies.)

Illness

If you are ill and suspect that you may be contagious – stay home!! Send me a message to let me know your situation and I will work with you as needed.

What we'll be doing (Learning Objectives)

Math 62: Study of the basic operations of arithmetic and an overview of basic geometry concepts. Topics include whole numbers, fractions, decimals, percents, ratios, proportions, place value, roots, and basic concepts related to measurements and geometry. Incorporates hands-on manipulatives and study skills related to learning math concepts.

Math 70: Study of problem solving, geometry and measurement, exponents, and signed numbers. Includes introductory work with polynomials, simple equations, basic descriptive statistics, and graphing.

Math 72: Study of properties and terminology of real numbers, absolute value, simplifying algebraic expressions, integer exponents, graphing and solving linear equations and inequalities, unit analysis, ratios, rates, and proportions, solving systems of equations, factoring and performing operations on polynomial expressions, Pythagorean Theorem, functions, and applications. Course requires a graphing calculator.

Math 97: Study of the definition of a function; graphs and solutions of linear equations and inequalities; graphs and solutions of quadratic, rational, radical, and literal equations; complex numbers; radical expressions; variation; and applications. Graphing calculator req.

Learning Objectives

<p>Basic Mathematics (Math 62) Student will review concepts of arithmetic including:</p> <ol style="list-style-type: none">1. Extensive review of addition, subtraction, multiplication, and division of whole numbers, fractions, decimals, and related number theory concepts.2. Extensive work with orders of operations3. Extensive work with percentages, rates and ratio operations4. Overview of square roots and natural number exponents5. Overview of basic geometric formulas6. Overview of units of measurement and the metric system	<p>Pre-Algebra (Math 70) The student will demonstrate the ability to:</p> <ol style="list-style-type: none">1. Perform operations with fractions, decimals, percentages/ratios in an algebraic environment including order of operations.2. Understand and apply geometry and measurement concepts including the Pythagorean Theorem.3. Work with integer exponents.4. Work with integers.5. Simplify basic polynomial expressions.6. Solve simple equations.7. Understand basic descriptive statistics.8. Understand concepts related to the Cartesian coordinate system.
<p>Introductory Algebra (Math 72) The student will demonstrate the ability to:</p> <ol style="list-style-type: none">1. Find real solutions for linear equations- using tables, graphs and algebra.2. Solve literal equations.3. Simplify expressions involving integer exponents.4. Simplify, add, subtract, and multiply polynomials.5. Factor quadratic trinomials.6. Graph linear equations, derive equations for lines.7. Use unit analysis to convert measurements.8. Solve ration, rate, and proportional reasoning problems.9. Apply the Pythagorean Theorem to solve problems.10. Use functions in the form of graphs, tables and linear equations.11. Solve systems of linear equations.12. Apply real number properties and order of operation to solve equations.13. Solve linear inequalities with one variable.	<p>Intermediate Algebra (Math 97) The student will demonstrate the ability to:</p> <ol style="list-style-type: none">1. Define a function.2. Graph linear, quadratic, and other functions.3. Solve basic problems involving ratios, proportions, and variation.4. Work with rational exponents and radicals.5. Solve quadratic equations using tables, graphs and algebra.6. Use complex numbers for the solution of equations.7. Work with the arithmetic of complex #s.8. Use mathematics to solve practical apps.9. Solve rational equations.10. Solve radical equations.11. Work with rational expressions.12. Simplify radical expressions.13. Derive linear and quadratic equations.14. Solve basic problems using linear and quadratic regression techniques

Campus Wide Outcomes

Critical thinking finds expression in all disciplines and everyday life. It is characterized by an ability to reflect upon thinking patterns, including the role of emotions on thoughts, and to rigorously assess the quality of thought through its work products. Critical thinkers routinely evaluate thinking processes and alter them, as necessary, to facilitate an improvement in their thinking and potentially foster certain dispositions or intellectual traits over time.

Quantitative Reasoning encompasses abilities necessary for a student to become literate in today's technological world. Quantitative reasoning begins with basic skills and extends to problem solving.

All objectives & outcomes will be assessed through certifies, pre-tests, tests, midterm exam and final exam.

Mode of Instruction

I am in our classroom every day to help you with your math during our class time!! This course is a HYBRID course and is taught in an independent computer-mediated learning mode. You are required to utilize the computer for instruction, practice, certifying, submitting homework and testing. While most work may be completed at home, you are required to take Tests in our classroom (IVC102) during our class time and are required to be in class the first 3 days of the quarter. You are welcome to come everyday!!

Students Subject to Provisions of Americans with Disabilities Act

Green River College is committed to providing equal access to education for all students. Students who have a disability or believe they may have a disability are invited to contact Disability Support Services as soon as possible to determine eligibility and/or request accommodations.

Accommodations are determined on a case-by-case basis. Please contact Disability Support by email (dss@greenriver.edu); by phone at 253-833-9111, ext. 2631; TTY 253-288-3359; or in person at the Student Affairs Room 210 to request accommodations. For additional information, please visit Disability Support Services (<http://www.greenriver.edu/student-affairs/disability-support-services.htm>).

The accommodations qualified on your Letter of Accommodation are to be discussed with your instructor. All discussions will remain confidential. Accommodations are not provided retroactively, so it is essential to discuss your needs at the beginning of the quarter. Additionally, only accommodations approved by Disability Support Services will be provided.

Accessibility:

Green River College is committed to creating a positive, accessible environment for its students, employees, and visitors. The College continues to increase the accessibility and usability of all college resources to meet the needs of its diverse community.

Academic Honesty

It is assumed that you and only you are the person submitting the required certify lessons and Pre-Test Assignments. During Tests, you may only use instructor provided help sheets and a calculator (except one test each in Math 62 and Math 70 where no calculators are allowed). If you are caught using a book, notes, a cell phone, online help site, any webpage, or another person during a test, you will be given a zero on the test and probably a 0.0 in the course.

Accelerate Your Learning

Reach your math completion goal sooner by completing more than one course during a quarter! See me if you are interested.

Mandatory Reporting:

GRC faculty and staff are mandatory reporters of child abuse and neglect and must report suspected abuse or neglect to the proper authorities.

Resources for Assistance

Succeeding in Class. Go to the [Math Learning Center \(MLC\)](#). The MLC is in CH-313. FREE Drop in tutoring is available and you'll find many students working on their homework. The computers in the MLC have the Hawkes software. The MLC also has videos and books available for check out. (Hours are typically: Mondays, Tuesdays, Wednesdays, Thursdays: 7 AM – 7 PM and Fridays: 7 AM – 4 PM.)

The Hawkes software may be accessed on any computer with the internet by going to <https://learn.hawkeslearning.com>. Computer labs are located on Main campus in Auburn (in the Holman Library, Technology Center, & Math Learning Center in CH 313), and on the Kent and Enumclaw campuses.

Paying for School. Visit the [financial aid](#) office for help with loans, work-study, scholarships, etc.

Caring for Mind & Body. As a Green River student, you have access to [counseling & health services](#), intramural sports, fitness classes, and the fitness center.

Crisis Care: [Text HOME to 741741](#) for free 24/7 crisis support. Please reach out for help. **You matter.** (I was in crisis a few years ago and I, with the help of a friend, was able to reach out and get the help I needed. You can, too!)

Deciding What's Next. Get the help you need to transfer successfully at the [College Transfer Center](#) or visit the [Career and Advising Center](#) for help deciding what to do when you finish at Green River.

Meeting Friends. Check out what the [office of Diversity, Equity & Inclusion](#) is up to, and also be sure to explore the clubs and organizations on Campus by visiting the [Student Life Office](#). If you are a veteran or a veteran family, consider connecting with [Veterans Services](#).

Technical Support. Contact Hawkes Learning online or call 1-800-426-9538. Visit the tech support desks in the Holman Library or Tech Center for other computer questions.

Campus Safety. [Campus safety](#) provides escorts to and from dark parking lots just give them a ring at 253-833-9111 x 2250

Getting Support. [TRIO](#) and [ODEI](#) are excellent programs which provide support to students. ODEI stands for Office of Diversity, Equity, & Inclusion

Know your rights and responsibilities. Check out the [GRC Student Code of Conduct](#) (<https://www.greenriver.edu/students/judicial-programs>)

Your Grade:

20% - CERTIFY

- Certify lessons are posted under ***View Course > Lessons*** with deadlines. You must get about 80% of the questions correct on a Certify lesson to have it count. The percentage varies slightly with each lesson.
- Certify lessons are due by midnight of the posted date. They may be taken late for a penalty (10% penalty per day with 70% being the lowest score).
- **All required Certify lessons must be completed prior to the TEST deadline.** The program will not let you take a test if you have not done all of the req. Certify lessons.

10%- PRE-TESTS

- Pre-Test Assignments are to be taken on ANY computer on or before the deadlines posted under **View Course > Tests**. **Pre-tests disappear as an option after the deadline!**
- To access a Pre-Test, click on **View Course > Tests** and choose the appropriate Pre-Test.
- Pre-Tests may be started at any time; you do not need to complete the lesson certifies before taking the Pre-Test. The Pre-Test should be taken as you prepare to take the test.
- **Pre-Tests MUST be completed with a score of 70% or higher prior to taking the associated test or you will not be able to take the test.**
- Pre-Tests may be taken as many times as you wish before the deadline, and only your highest score is used for your grade. To re-take a Pre-Test, go to **View Course > Tests** and scroll to the bottom of the page.

55% - TESTS (in WEBTEST)

- Tests must be taken in our classroom **during your scheduled class time**.
- Tests are to be taken on or by the deadline dates on the calendar and posted under **View Course > Tests**.
- All tests may be taken early (once you have completed the certify lessons and Pre-Test Assignment).
- You may take each test only once.
- All required Certify lessons and Pre-Test (with a score > 70%) must be completed before you can take the test.
- When you are ready to take a test, sign in with me and pick up a test answer sheet which you will use to show your work.
- You may only use instructor provided help sheets on the tests.
- No books, phones, notes, friends, or internet help sites may be used during a test. Attempting to use any of these items will result in a 0.0 in the class.
- **You may use calculators on all tests except Test #1 in Math 62 and Test #2 in Math 70.**
- When you finish your test the results are available immediately. You can review your test to see what errors you made. If you think you deserve partial credit, check the partial credit box on the answer sheet. Then use a green pen to let me know which problems deserve partial credit and **why you deserve partial credit/what you did wrong**. Do NOT just rework the problem.
- **In case of emergency where you are unable to attend class on a testing day, an exception may be made to allow you to take a test late, but NO partial credit will be given.**

Required Sections for Each Test

	Math 70	Math 72	Math 97
Test 1	6.1 – 6.5, 6.7, 7.1	9.2 – 9.7	11.1 – 11.5
Test 2	8.1 – 8.6	2.3, 2.6, 10.2 – 10.4	13.5, 13.6, 14.1 – 14.6
Test 3	2.3, 2.6, 8.7, 8.8, 9.1 – 9.3	10.5, 11.1, 11.2	15.1 – 15.4, 15.6 – 15.8
Test 4	10.1, 10.2	12.1, 12.2, 12.4, 12.5, 12.6, 12.8	16.1 – 16.4, 16.6, 16.7
Test 5	12.1, 12.2, 12.4 – 12.6	13.1 – 13.6, 6.7	Final (cumulative)
Test 6	Final (cumulative)	Final (cumulative)	X

15% - FINAL EXAM

- The final exam can be taken only once.
- The final exam may be taken early but only in class.
- Final Exam results will be available immediately after it is taken.

GRCC utilizes a decimal grading system and grades will be assigned as follows:

Decimal	Percent	Decimal	Percent	Decimal	Percent
4.0	98 & above	3.0	85	2.0	75
3.9	96-97	2.9	84	1.9	74
3.8	94-95	2.8	83	1.8	73
3.7	92-93	2.7	82	1.7	72
3.6	91	2.6	81	1.6	71
3.5	90	2.5	80	1.5	70
3.4	89	2.4	79	1.4	69
3.3	88	2.3	78	1.3	68
3.2	87	2.2	77	1.2	67
3.1	86	2.1	76	1.1	66
3.0	85			1.0	65
				0.0	64 & below

Math 70, 72 and 97 require a grade of 2.5 in the prior course as a pre-requisite. Math& 141 and Math& 171 require a grade of 2.5 in Math 97. Math& 107 and Math 147 require a grade of 2.0 in Math 97.

The website you need to use the Hawkes program:

<https://learn.hawkeslearning.com>