



Syllabus MTH 95

**Course Information:**

Time: Tuesdays/Thursdays 5:30pm-7:20pm

In Person Location (For those signed up for this section): RCC Redwood Campus room CH-3

Zoom-Meeting (For those signed up for the Zoom section): <https://rogucecc.zoom.us/j/6361864560>

Meeting ID: 636 186 4560 Passcode: knight

**Instructor Information:** Jeremy Knight

Email: [jknight@rogucecc.edu](mailto:jknight@rogucecc.edu) or [jknight@grantspass.k12.or.us](mailto:jknight@grantspass.k12.or.us)

Phone: (541) 956-7127 (Math Department #, leave a message)

Office Hours: I will be available before classes (5:00-5:30) upon request. If you are having trouble at all, just let me know and we can work on.

**Course Description:** Concluding the developmental mathematics sequence, MTH95 includes an introduction to the study and application of quadratic, radical, exponential, and logarithmic expressions and functions. Working with real data and the mathematics of curve fitting will be developed using a graphing calculator. Course is graded A through F. Course does not transfer. Graphing calculator required. There is a significant online component in this class.

**Prerequisites:** MTH 65 and RD 30, or designated placement test score.

**Required Materials:**

- Text: Intermediate Algebra; by Lynn Marecek; OpenStax. The online version of the text is available for free at <https://openstax.org/details/books/intermediate-algebra>
- Graphing Calculator (TI-84 is recommended) Note: Graphing calculators may be rented from the library for \$10 per term.
- Daily assignments will be found in Blackboard through a tool called MyOpenMath for online assignments which will require using the internet.

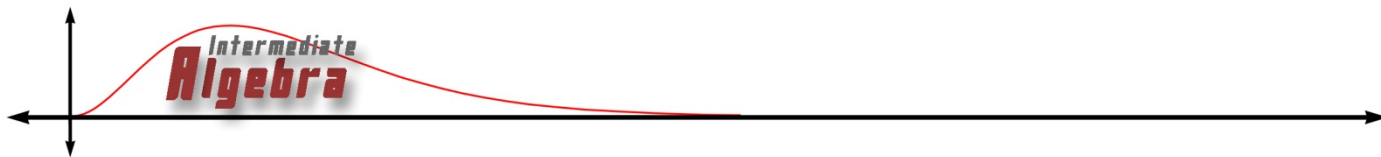
**Communication:** I will communicate with the class via e-mail and announcements in Blackboard. Please check both regularly. I am available by e-mail Monday-Friday and will answer any correspondence within one business day or sooner.

**Grading:** This course is **graded A-F**. The term grade is based on percentages as outlined below. Points are earned for homework and exams. Within each category, each assignment carries equal weight.

Grade Breakdown

3 In-Class Chapter Tests .....	50%	90-100% A
Final Exam .....	20%	80-89% B
Online Homework .....	15%	70-79% C
Take Home Quizzes and Projects ..	15%	60-69% D
		Below 60% F

**Gradebook:** You can check your grade in the course at any time by clicking in Blackboard. It will contain your grades for all assignments in the course, as well as your current weighted average.



**Due Dates:** Due dates for all assignments and tests are shown in Blackboard. Please refer to the calendar regularly. It is your responsibility to ensure you complete all material by the due date.

**Late Work:** Online homework will be done using MyOpenMath through Blackboard and will be computer scored. You will have 5 late passes for online homeworks, these will extend the due date 3 days. Note: this will be reflected in the MyOpenMath due date, but it will not change the date in your Blackboard calendar. Each assignment is equally weighted.

**Tests:** There will be 4 tests given during the term, including a final exam. **Tests must be completed in person at the Redwood RCC campus.** Check Blackboard for the dates for each test. If you are unable to attend any of the testing days and times, you must contact me to arrange alternative testing in the testing center. Unless you contact me in advance with a serious and compelling reason for taking the test late, make-up tests will receive a maximum of 80%. Make-up exams should be completed as soon as possible.

### Tips for Success in this Math Course:

- Set a schedule with time to work on math each day. It's very easy to procrastinate when you don't have a set time to be in class. You should spend several hours each day reading the text, watching videos, and working on homework.
- Before starting the homework, you need to read the section in the text and watch the video lessons in MyOpenMath. (Click on a weekly folder to see the materials for each section.)
- Realize that you are not alone. When you have questions, ask for help! See below for resources.

### Getting Help:

- Please feel free to call or email me with any questions, or schedule a time to meet with me via Zoom or before class. I am available to help you!
- Use the discussion board in Blackboard to connect with other students in the class.
- Tutoring Centers provide free tutoring service if you are registered in credit courses at Rogue Community College. The primary areas of tutoring are math, writing and science; however, tutors are prepared to cover most subjects. There is also online tutoring available. Please visit the tutoring center webpage for more details: <http://www.roguecc.edu/AcademicSkills/Tutoring.asp>
- The online resources are abundant! MyOpenMath includes videos for each section. Other good websites include khanacademy.com, MathTV.com, and mathispower4u.com

### Important Dates to Remember:

- **Administrative Drop:** students who do not attend at least 50% of the class sessions during the first week of school and who do not contact the instructor to indicate a plan to attend will be automatically dropped from the class during the 2nd week of the term.
- **Refund policy:** Students dropping a class by 11:59 p.m. on Wednesday of the second week of the term get a full refund. After that there is no refund.
- **Withdrawal from class:** A student may withdraw from a class between the Thursday of Week 2 and the Friday of Week 8 at 11:59 pm. (Week 5 during summer term). A grade of W will be assigned.

### Math 95 Quiz Due Dates

QUIZ #1:	Sections 8.1-8.4 .....	(DUE 10/4)
QUIZ #2:	Sections 8.5-8.8 .....	(DUE 10/11)
QUIZ #3:	Sections 9.1-9.3 .....	(DUE 10/25)
QUIZ #4:	Sections 9.4-9.7 .....	(DUE 11/1)
QUIZ #5:	Sections 10.1-10.2 .....	(DUE 11/15)
QUIZ #6:	Sections 10.3-10.5 .....	(DUE 11/22)

### Tentative Course Calendar

*Below is the tentative schedule for our class this term. The test dates will be firm and will not change, but some of the content taught on certain dates may change as needed.*

Week	Date	Tuesday	Date	Thursday	
1	9/20	<ul style="list-style-type: none"> <li>• Course Introduction &amp; Review</li> <li>• 3.5/3.6 Intro to Functions</li> </ul>	9/22	<ul style="list-style-type: none"> <li>• Introduction to Regression</li> <li>• 8.1: Simplify Expressions w/ Roots</li> </ul>	
		<ul style="list-style-type: none"> <li>• 8.2: Simplify Radical Expressions</li> <li>• 8.3: Simplify Rational Exponents</li> </ul>		9/29	<ul style="list-style-type: none"> <li>• 8.3: Simplify Rational Exponents</li> <li>• 8.4: +, -, × Radical Expressions</li> </ul>
		<ul style="list-style-type: none"> <li>• 8.5: Divide Radical Expressions.</li> <li>• 8.6: Solve Radical Equations</li> </ul>			10/6
		4		10/11	
5	10/18	<ul style="list-style-type: none"> <li>• Factoring Review</li> <li>• 9.1: Square Root Property</li> </ul>	10/20	<ul style="list-style-type: none"> <li>• 9.2: Completing the Square</li> <li>• 9.3: Quadratic Formula</li> </ul>	
		<ul style="list-style-type: none"> <li>• 9.4: Quadratic in Form</li> <li>• 9.5: Apps. Of Quadratics</li> </ul>		10/27	<ul style="list-style-type: none"> <li>• 9.6: Graphing Quadratics</li> <li>• 9.7: Quadratic Functions and Transformations</li> </ul>
		7			11/1
8	11/8	<ul style="list-style-type: none"> <li>• 10.1: Composite &amp; Inverse Functions</li> <li>• 10.2: Evaluate and Graph Exponential Functions</li> </ul>	11/10	<ul style="list-style-type: none"> <li>• 10.3: Evaluate and Graph Logarithmic Functions</li> </ul>	
		9		11/15	• 10.5: Solve Exponential and Logarithmic Equations
10	11/22	• <b>Unit 11 Test</b>	11/24	<b>No Class – Happy Thanksgiving</b>	
11	11/29	• REVIEW	12/1	• <b>FINAL EXAM</b>	