

Grayson College Mathematics Department

Faculty Instructor's Syllabus

Please Note: Due to extenuating circumstances, including public health issues, course and testing delivery methods, instructional schedules, housing contracts, campus procedures and/or operating hours may be altered, interrupted and/or ceased for a limited or extended period of time. Such changes will be posted on the College website.

Professor's Name: Joleen Yeager **Office Location:** SA-116 **Phone:** (903) 415 - 2537

Email: yeagerj@grayson.edu **Office Hours:** TBA
Or by appointment.

Your instructor may be reached through the Canvas Inbox, email, or phone. However, the easiest way to contact your instructor will be through the Inbox link in Canvas. You should receive a reply within 24 – 48 hours. Please resend your message should you not receive a reply within that timeframe. If you choose to contact me through yeagerj@grayson.edu, please tell me your name and the class you are enrolled in the subject line of your email message. Please know that I will only respond to message sent via **Canvas** or your **Viking email** account.

Course Title: Transition to College Algebra Lab **Course Number:** MATH - 0240

Course Description:

This course is designed to prepare students for College Algebra. Concurrent enrollment in MATH 1314 is required. This course supplements the concepts learned in MATH 0340.

Textbook and Required Material:

Please see the syllabus for MATH 1314 for textbook materials.

Online learners need basic technical skills to succeed.

Applications/tools you'll need:

- Access to a computer or laptop (equipped with a webcam and microphone is preferred)
- Grayson email address
- Internet access (high-speed internet connections are best for accessing streamed lecture videos)
 - If access to high-speed internet is a barrier, alternatives to view video content include: viewing in low definition setting, downloading video file to computer for later viewing, or reading lecture transcripts
- Access to word processing software such as Microsoft's Word
- Access to Excel
- Access to PowerPoint is preferred, contact instructor to see if this is needed
- Ability to convert a document to a PDF file format
- Access and ability to navigate Canvas

Skills you'll need:

- Ability to use a web browser to navigate the Internet
- Ability to check and disable popup blockers
- Ability to download and upload documents
- Ability to post discussions in Canvas
- Ability to attend Canvas Conferences at scheduled times

Time Management:

Take charge of your learning from the beginning of the course; allow no time for procrastination to set in. It is recommended that you:

- Log on to your course at least three or four times per week to stay on top of announcements, assignment due dates, and discussion forums
- Read the syllabus on the first day of the course; print off a hard copy or keep a digital copy on your mobile device to refer to throughout the course
- Record all dates for assignments, exams for the entire course in your calendar and add reminders

Prerequisite(s): This course is designed for students whose TSI score has placed them in MATH 0240 with MATH 1314.

Corequisite(s): MATH 1314 with the same section number.

Credit Hours: 0

Lecture Hours: 0

Lab Hours: 1

Methods of Instruction: Lecture/examples of problems, homework Q&A, videos (when applicable), online materials.

Suggested Course Materials:

You must have a scientific calculator for this course. Graphing calculators are **NOT** allowed. I recommend the TI-30X IIS. You will **NOT** be allowed to use your cell phone or any other electronic device that can be used for any purpose other than as a calculator.

Method of Evaluation: *(Grade will be determined by averaging the individual components using the scale shown below.)*

The grade earned for MATH 1314 will be the same grade recorded for MATH 0240.

Grading Scale: A = 89.5 – 100 B = 79.5 – 89.4 C = 69.5 – 79.4 D = 59.5 – 69.4 F = 0 – 59.4

Attendance Policy:

Attendance will be taken each class meeting. Regular class attendance is expected of all students. If a student is unable to attend, it is his/her responsibility to contact the instructor to obtain any assignments.

***Please see the syllabus for MATH 1314 for more information.**

Course Calendar for MATH – 0240 (Subject to Change)

Week 1	Order of Operations, Evaluating expressions
Week 2	Exponents and Integers, Review of Absolute Value Translating phrases into expressions/equations Operations on Polynomials
Week 3	Operations on Polynomials
Week 4	Graphing Linear Equations, Finding Intercepts Finding slope of a line, Writing the equation of a line
Week 5	Translating phrases into expressions/equations
Week 6	Perimeter, Area, Circumference Pythagorean Theorem, Factoring
Week 7	Factoring review, Simplifying Square Roots Fraction Operations, Intro to Rational Expressions
Week 8	Solving linear equations Operations with Rational Expressions
Week 9	Product rule of Exponents, Operations with Radicals Operations with Complex Numbers
Week 10	Evaluating exponents, Converting between Exponent and Radical Form
Week 11	Exponent rules
Week 12	Solving linear equations, Evaluating exponents Graphing points/asymptotes review
Week 13	Graphing logarithms Converting between Exponential and Logarithmic Forms
Week 14	Review of Logarithm Rules
Week 15	Review of solving exponential equations