

Couse Title: MTH 111 – 1010
Precalculus I



<p>Instructor Information: Mr. Justin Allen jallen@ferrum.edu email *preferred method of communication* 540-365-4372</p>	<p>Class Meeting: Tuesday 10:45 AM – 12:45 PM via Zoom meeting links below:</p> <p>Join Zoom Meeting 10:45 AM – 11:00 AM https://zoom.us/j/92666083648?pwd=c2JCRUZ3dE1janhzNjJ6Q1NPVHhFdz09</p> <p>Meeting ID: 926 6608 3648 Passcode: Allen</p> <p>Join Zoom Meeting 11:00 AM – 11:30 AM https://zoom.us/j/94856893664?pwd=VFclbnRGTVtkOVnR3VWtna2IKamNSQT09</p> <p>Meeting ID: 948 5689 3664 Passcode: Allen</p> <p>Join Zoom Meeting 11:30 AM – 12:00 PM https://zoom.us/j/96777659271?pwd=KzdvSlp0Ly83VFhzQ3RKd2I1aXRWZz09</p> <p>Meeting ID: 967 7765 9271 Passcode: Allen</p> <p>Join Zoom Meeting 12:00 PM – 12:30 PM https://zoom.us/j/98366505071?pwd=OUlqcGpYeDcvZXdneEt6TDN6OW15QT09</p> <p>Meeting ID: 983 6650 5071 Passcode: Allen</p> <p>We will NOT meet virtually on Thursdays!</p> <p>Office Hours: Virtual office and Math Center hours through Zoom for immediate response and assistance via online chat:</p> <p>Monday/Wednesday 1-2 PM Tuesday/Thursday 9:15-10:45 AM</p>
---	---

	<p>These hours may change but I will let you know if they do.</p> <p>If these do not work well with your schedule, please email your professor. Note: emails will be answered within 24 hours on weekdays and 24-48 hours on weekends.</p>
--	--

I. COURSE DESCRIPTION

COURSE STRUCTURE: This course is conducted entirely online, which means students do not have to be on campus to complete any portion of it. Access to a computer with internet access is required. Students will participate in the course using Ferrum College's Online Course Management System called Brightspace (ferrum.desire2learn.com). Students will use their Student ID number and create a private password to access Brightspace. Within Brightspace, students will access online lessons, course materials, and resources. At designated times throughout the course, students will participate in a blend of self-paced and group paced activities using Brightspace and additional internet-based technologies. Activities will consist of course readings, assignments, and exams. Assigned faculty will support the students throughout this 7 week course.

II. COURSE REQUIREMENTS

Required Materials: Access to MyOpenMath. Access is FREE!
An electronic version of the following textbook is provided.

Calculator: Any graphing calculator is required. This is a Math class! LOL!
Recommended graphing calculator: Texas Instruments TI-83 or TI-84 Plus

Note: Ancillaries to the textbooks (e.g., lectures, articles, datasets, practice worksheets) will be posted on Brightspace

Additional Materials for Learning:

- Computer with basic audio/visual output equipment
- Internet access (broadband recommended)
- Microsoft Office

Brightspace Requirements: To ensure compatibility with Brightspace, enable JavaScript and Cookies on your browser, and disable pop-up blockers. In addition, you must have Adobe Flash Player 10.1 or later. Information about preferred compatible browsers for use with Brightspace are available at the following website:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

III. COURSE GOALS AND PROGRAM STUDENT LEARNING OUTCOMES

These objectives and SLOs are assessed using the assignments as shown. Descriptions of the assignments are provided below.

Course Goals

1. Students should be able to do critical thinking and problem solving in the following areas:
 - a. Fundamentals of Algebra
 - b. Equations and inequalities
 - c. Functions and graphs
 - d. Polynomials and rational functions
 - e. Exponential and logarithmic functions
 - f. Systems of Equations
2. Students should be able to use a calculator appropriately and correctly in each of the same areas.
3. Students should be able to identify the appropriate definitions, techniques, formulas, and equations necessary to solve a problem in each of the same areas above.
4. Students should be able to demonstrate personal responsibility and collaborate with people of diverse cultural attitudes, beliefs, and values.

The above course goals support the following college-wide and program student learning outcomes:

College-wide Student Learning Outcomes

Students will demonstrate competency in quantitative skills and reading.

Course Goals: 1 – 2. Do critical thinking and problem solving in the various areas of Mathematics listed above and use a calculator appropriately.

- The instructional strategies that will be used to support these goals will include working through numerous examples with the class during lecture, allowing the students to work through problems individually and in groups, and assigning homework exercises.
- Assessment of these goals will include graded homework, tests, and a final comprehensive exam.

Program Student Learning Outcomes

Students will demonstrate a depth of knowledge, capability and ethical reasoning in a chosen field.

Course Goals: 1 – 4 listed above.

- The instructional strategies that will be used to support these goals will include working through numerous examples in various areas of Mathematics, allowing the students to work through problems individually and in groups, and assigning homework exercises.
- Assessment of these goals will include a final comprehensive exam.

IV. ASSIGNMENTS

All assignments for this course will be submitted electronically through Brightspace and MyOpenMath unless otherwise instructed. Assignments must be submitted by the given deadlines or special permission must be requested from the instructor before the due date. Extensions will not be given beyond the next assignment except under extreme circumstances. Percent of final course grade is provided next to each assignment.

Video Assignments: For every section assigned in the electronic textbook, you will be required to watch a video, take notes, and complete the assigned exercises in MyOpenMath.

Homework Assignments: For every section assigned in the electronic textbook, you will be required to complete the assigned homework in MyOpenMath. Each homework assignment must be submitted by 11:59 PM EST. Late homework will NOT be accepted.

Chapter Review Assignments: You will be required to complete a Chapter Review assignment in MyOpenMath at the end of each unit, and this will ALWAYS be due by 11:59 PM EST. Make-up assignments will NOT be accepted.

Tests: You will be required to complete a test in MyOpenMath at the end of each unit, and this will ALWAYS be due by 11:59 PM EST. Make-up tests will NOT be accepted.

Final Exam: You will be required to complete a final exam in MyOpenMath at the end the semester. The day and time will be announced at the end of the semester. Make-up exams will NOT be accepted.

Final Grade

Video Assignments: 100 points or 10%

Homework Assignments: 200 points or 20%

Chapter Review Assignments: 200 points or 20 %

Tests: 400 points or 40%

Final Exam: 100 points or 10%

V. GENERAL POLICIES

Late policy: Late assignments will NOT be accepted under ANY CIRCUMSTANCES. If you happen to miss a test, the final exam grade will count twice.

Grading Scale

90-100%	A
80-89%	B
70-79%	C
60-69%	D
<59%	F

Online Attendance Policy:

Ferrum College policy dictates that attendance is expected and that students are responsible for all course work assigned in their online courses. Simply logging into an online course is not sufficient, by itself, to demonstrate academic attendance by a student. In an online course what constitutes attendance is determined by the instructor. These requirements may include, but are not limited to, submission of an academic assignment, exam, online discussion forum post, or emailing the course instructor.

If a student is unable to complete work or misses a course deadline for any reason, the student must account for the “absence” with their instructor. The instructor, in consultation with the Director of the School of Graduate and Online Education Studies and Provost, may determine that unusual circumstances and the student’s work in the course justify the assignment of a grade other than F. Unusual circumstances include extended illness or other emergencies, the student’s participation in college-sponsored activities, or some combination thereof.

Academic Integrity

In all instances, policies identified in the Ferrum College Catalog and the Ferrum College Student and Faculty Handbooks regarding the Honor System shall be followed. Specifically, do not:

- Cheat.
- Plagiarize, that is, use another person’s words or ideas as your own without proper documentation.
- Collaborate with others unless specifically requested in an assignment or discussion.
- Let another individual login to your Brightspace account.

Failure to follow this policy will result in disciplinary action which can affect your academic standing in the College.

Civility Policy

Online courses promote the advance of knowledge through positive and constructive debate both inside and outside the classroom. Discussions on the Internet, however, can occasionally degenerate into needless insults and “flaming.” Such activity and the loss of good manners are not acceptable in a university setting--basic academic rules of good behavior and proper “Netiquette” must persist. Remember that you are in a place for the fun and excitement of learning that does not include descent to personal attacks, or student attempts to stifle the discussion of others.

Office of Academic Accessibility (OAA)

Online courses are required to meet ADA accessibility guidelines. This means that all aspects of the online learning experience are accessible. Please remember that accommodations cannot be granted retroactively; they must be requested in a timely manner prior to when the accommodation is needed. Students who wish to use accommodations through OAA are encouraged to contact the Office of Academic Accessibility at nbeach@ferrum.edu or 540-365-4210.

Tech Support

Students needing technical assistance with Brightspace at any time during the course or to report a problem can contact Ferrum College's 24/7 Brightspace Technical Support Center at: 1-877-325-7778 or Email and Chat via the following link: <https://community.brightspace.com/support/s/contactsupport>

Students can also get in-person help if on-campus at the Helpdesk (Main Level of Bassett Hall). Technicians are trained to help students with Brightspace and its tools. It is also helpful if you let me know what kinds of difficulties you encounter so that I can change the course for future students, so they don't have the same issues.

On-campus Helpdesk Support is available via email at: helpdesk@ferrum.edu
Or via phone during normal business hours at: 540-365-4357