Instructor	Howard M Thompson, PhD

Contact Information

My online office hours are Monday, Wednesday & Thursday 11:00 am - 12:00 pm. During business hours, I frequently read my email. Please contact me at hmthomps@umflint.edu to make an appointment to meet at some other time, to ask questions, or to express concerns related to this course.

If you need further assistance, please visit the Department of Mathematics & Applied Sciences in 196 Murchie Science Building (open Monday - Friday, 8:00 am - 5:00 pm) or call the department office at (810) 766-6735.

Textbook

Mathematics and Its History A Concise Edition by John Stillwell, ISBN: 978-3-030-55193-3
The eBook is available through the library.
link-springer-com.libproxy.umflint.edu/book/10.1007/978-3-030-55193-3

Prerequisite   MTH 200 with a grade of C (2.0) or better. (3)

Description

Mathematical ideas with emphasis on the development of at least one of the areas of algebra, geometry, or calculus. Not offered every semester; see www.umflint.edu/math . Graded ABCDE

Class Sessions

In-person class sessions will be held Monday and Wednesday 12:30 pm - 1:45 pm in 422 Murchie Science Building.

Homework

You should expect to devote at least **two hours outside class for each hour in class** working on material for this class. Homework assignments will be posted on Canvas. For the most part, the homework covering the two sections covered on the prior Monday and Wednesday will be due at the end of the day on the next Monday.

Canvas Link

https://canvas.flint.umich.edu/

Exams

In addition to the homework assignments, there will be a take-home final exam. See the course reading schedule for the dates.

Grading

Homework	80 %	
Final Exam	20%	

Total Score	Grade	Total Score	Grade
100-92.50	A	76.49-72.50	C
92.49-89.50	A-	72.49-69.50	C-
89.49-86.50	B+	69.49-66.50	D+
86.66-82.50	B	66.49-62.50	D
82.49-79.50	B-	62.49-59.50	D-
79.49-76.50	C+	59.49-0	E

Other Links

Student Rights and Responsibilities

DISABILITY AND ACCESSABILITY SUPPORT SERVICES (DASS):
The University of Michigan–Flint strives to make learning experiences as accessible as possible and complies with Section 504 of the Rehabilitation Act of 1973 and the American with Disabilities Act. The university provides individuals with disabilities reasonable accommodations to participate in educational programs, activities, and services. Students with disabilities requiring accommodations to participate in class activities or meet course requirements must self-identify with Disability and Accessibility Support Services as early as possible at (810) 762-3456 or dassflint@umich.edu. The office is located in 264 University Center, inside the CAPS Office. Once your eligibility for an accommodation has been determined you will be issued an Accommodation Letter. Please present this letter to each faculty member in each class at the beginning of the term, or at least two weeks prior to the need for the accommodation (test, project, etc.).

Course Objectives

Having successfully completed this course, students will be able to:

1. Outline the important ideas from Greek Mathematics;

2. Descibe the classic open problems of Greek Mathematics;

3. Outline the early history of algebra;

4. Describe the connections between algebra and geometry;

5. Outline the emergence of calculus.