

# Math 2009 Sophomore Seminar Spring 2020

**Instructor:** Dr. David Leach  
**Location:** 304 Boyd  
**Time:** Fridays 11:00-11:50  
**Office:** 317 Boyd  
**Office Hours:** See CourseDen  
**Phone:** (678)-839-4127  
**email:** cleach@westga.edu (Don't use CourseDen email to contact me. I don't check it.)  
**Textbook:** none

**Topics:** applications and importance of mathematics, sub-areas of mathematics and their interconnectedness, tracks in the math major at UWG, careers in mathematics and how to prepare for them.

**Learning Outcomes:** Students will be able to

1. Identify the major areas of mathematics (L5, L6)
2. Communicate various mathematical topics and ideas (L4)
3. Identify the different career tracks in the mathematical sciences (L5,L6)
4. Describe the various inter-relationships among the broad areas of mathematics, and between mathematics and other disciplines (L5,L6)
5. Identify strategies for problem solving, and apply basic mathematical techniques to solve specific elementary mathematical problems (L2,L9)

**Grading and Evaluation:** Grades will be based on participation, online homework, and a final exam, according to the following grading scale:

Participation	150 pts
Homework Average	150 pts
Final Exam	150 pts
<hr/> Total	<hr/> 450 pts

A: 405-450

B: 360-404

C: 315-359

D: 270-314

F: 0-269

**Participation:** You will start with 150 participation points—ten for each class meeting. Ten points will be deducted for each class you miss. Five points will be deducted if you are more than five minutes late or if you leave class early without permission. Other ways to lose your participation points include sleeping in class, excessive texting/phone use during class, or not participating in class activities.

Since participation is a large part of your grade, absences will only be excused (i.e. no deduction of points) if you provide written documentation of an illness, university-sponsored event, or other similar reasons for missing class.

**Reading/Viewing:** Some weeks there may be a short reading assignment or a video that you'll be required to read or watch before class. I'll post these things in the Assigned Reading/Videos module on CourseDen on or before the Wednesday before class.

**Homework:** Each week we will have homework, frequently in the form of a CourseDen Quiz or assignment. CourseDen quizzes will be due on Wednesday at noon. I'll give dues dates for non-online assignments in class or on the assignment.

**Final Exam:** The final exam will be based on material that is covered in class. I'll give you a study guide for it about a week in advance.

**Other Course Policies:** Other course policies, including information regarding students with disabilities and the UWG Honor Code can be found at the URL below. You should read this at the beginning of each semester.

<https://www.westga.edu/administration/vpaa/common-language-course-syllabi.php>.

**Important Dates:**

**MLK Holiday:** January 20  
**Last day to WD:** February 28  
**Spring Break:** March 16-20  
**Final Exam:** Friday, May 1, 11:00-1:00 pm