

## MAT 104    Geometry and Measurement for Elementary Teachers    Fall 2023

**Time/Location:** T/Th 2:00 - 3:15 in Ricker Addition 205

**Instructor:** Dr. Daniel Jackson

**Email:** daniel.jackson1@maine.edu    \*\*\* Notice the "1" \*\*\*

**Office Hours:** You may make an appointment to meet with me by speaking to me in class or emailing me. I am also available on Zoom on Fridays from 3:30 - 4:30.

### Google Classroom:

All course material and information will be posted on our Google Classroom page.

**Course Content:** Topics covered will include the following:

|                                                                                                                                        |                                                                                                                        |
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| Shape Attributes<br>Angles<br>Polygons<br>Classifying Triangles<br>Classifying Quadrilaterals<br>Interior Angles of Polygons<br>Prisms | Area Concepts<br>Area and Perimeter<br>Parallelograms and Triangles<br>Trapezoids<br>Circles<br>Surface Area<br>Volume |
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### Grading:

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| Participation: 35%<br>Homework Sets: 50%<br>Final Paper: 15%<br>-----<br>Total:                      100% | 90% = A- or better<br>80% = B- or better<br>70% = C- or better<br>60% = D- or better |
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**Participation:** Earn participation points by attending class and participating in the weekly lesson. Working collaboratively is an important part of teaching and learning, and will be emphasized in this course.

**Homework:** There will be 14 homework assignments throughout the semester. Homework is an extension of the weekly lesson, and will be due Sundays. I will drop your two lowest homework scores from your overall grade calculation.

**Final Paper:** A short reflection and resource paper due Monday 12/12. Details TBA.

**Email:** You should check your UMaine email account regularly, as you will receive class announcements and/or reminders via email.

**Late Work:** If you are going to miss a due date for an assignment, contact me as soon as possible prior to the due date explaining the situation, making sure to include when you plan to have the assignment completed. Arrangements will be made on an individual basis, and late penalties will be incurred in extreme cases.

**Absences:** The following is the university attendance policy:

*The University of Maine at Farmington (UMF) subscribes to the policy that sound scholarship involves attendance at all classes. Students are expected to attend classes and are responsible for all class work whether they are present or absent. Instructors establish their own attendance policies, but they must recognize administrative excuses and must state the class attendance policy in writing before the end of the Add/Drop (schedule change) period. Students are permitted to leave a class meeting without penalty if the instructor does not appear within ten minutes of the scheduled beginning of the class period and has not sent word that he or she will be late or made previous arrangements with the class.*

You are expected to attend class. In the rare instance that you miss a class, you are still responsible for any material covered during that class.

**Help:** Asking questions in class is the best way to get help. Also, contacting your professor -- through Google Classroom, by email, or speaking with them to arrange a meeting (in-person or Zoom), can be helpful.

There is also free tutoring on Zoom or in person available through the Learning Commons in Mantor Library. Tutoring appointments should be made using [Navigate](#).

**Disabilities:** Students with disabilities should inform the instructor and contact the [Learning Assistance Center](#).