Math 4171: Internship

Disclaimer
This syllabus is current and accurate as of its posting date, but will not be updated. For the most complete and up-to-date course information, contact the instructor.

Instructor Information
Dr. Dionne T. Bailey
Office: MCS 220G
Phone: 325-486-5425
Email: Dionne.Bailey@angelo.edu

Office Hours

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
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<tbody>
<tr>
<td>Monday</td>
<td>1:30-3:30 in Math Lab</td>
</tr>
<tr>
<td>Tuesday</td>
<td>8:00-9:30; 11:00-12:30</td>
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<tr>
<td>Wednesday</td>
<td>1:00-3:00</td>
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<tr>
<td>Thursday</td>
<td>8:00-9:30; 11:00-12:30</td>
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Course Requirements
Students must tutor in the Math Lab or some other approved public entity for a minimum of 3 hours per week and observe two freshman-level mathematics classes. Feedback related to both experiences will be required. Students must also prepare lessons, documents, and reports related to teaching mathematics, and give a teaching demonstration over a freshman-level mathematics topic.

Grade Calculations
Grading will be either pass or fail. A passing grade requires all of the following:
1. At most one excused absence is allowed for the scheduled class meetings (no unexcused absences)
2. Must complete 39 hours of tutoring in the Math Lab
3. Satisfactory assessment from the Math Lab Supervisor
4. Satisfactory rating on observation reports
5. Satisfactory mathematical documents created with an appropriate mathematics editor (e.g., exam, quizzes, etc.)
6. Satisfactory teaching demonstration
Student Learning Outcomes

1. **The students will demonstrate factual knowledge.** Students will interpret and use the vocabulary, symbols, and basic concepts modeled for them when working as a math tutor.

2. **The students will demonstrate an understanding of fundamental principles of mathematics and mathematical presentations.** Students will reflect on and discuss the mathematical ideas developed in the teaching demonstrations, as well as the teaching and learning styles.

3. **The students will apply the course material.** Students will use the concepts and techniques learned in this class to deepen their understanding and appreciation of mathematics, and also to develop and improve their ability to research and deliver effective mathematics teaching practices.

4. **The students will develop specific skills, competencies, and points of view needed by mathematics teachers.** Students will develop insight into a variety of mathematics teaching practices. Students will also observe and model effective mathematics instruction.

Required Texts and Readings

*There is no textbook for this course*

Subject Matter

1. Work as a tutor in the Math Lab or some other approved public entity for a minimum 3 hours per week and discuss experiences in class meetings.

2. Observe freshman-level mathematics class(es) and provide required feedback.


Course Schedule

The subject matter schedule listed below is tentative, and subject to change and adaptation. For current, updated information about course topics, contact the instructor.

<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Course Requirements</td>
</tr>
<tr>
<td>2</td>
<td>Review Common Mistakes in Precalculus; discuss Math Lab experiences</td>
</tr>
<tr>
<td>3</td>
<td>Review Common Mistakes in Precalculus; discuss Math Lab experiences</td>
</tr>
<tr>
<td>4</td>
<td>Review Common Mistakes in Precalculus; discuss Math Lab experiences</td>
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<tr>
<td>5</td>
<td>Careers in Mathematics; Discuss Math Lab experiences</td>
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<tr>
<td>6</td>
<td>Careers in Mathematics; Discuss Math Lab experiences</td>
</tr>
<tr>
<td>7</td>
<td>Careers in Mathematics; Discuss Math Lab experiences</td>
</tr>
<tr>
<td>8</td>
<td>Classroom observations; Discuss Math Lab experiences and observations</td>
</tr>
<tr>
<td>9</td>
<td>Classroom observations; Discuss Math Lab experiences and observations</td>
</tr>
<tr>
<td>10</td>
<td>Classroom observations; Discuss Math Lab experiences and observations</td>
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<tr>
<td>Week</td>
<td>Topics</td>
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<tr>
<td>11</td>
<td>Classroom observations; Discuss Math Lab experiences and observations</td>
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<tr>
<td>12</td>
<td>Teaching demonstrations; Create mathematical documents</td>
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<tr>
<td>13</td>
<td>Teaching demonstrations; Create mathematical documents</td>
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<tr>
<td>14</td>
<td>Teaching demonstrations; Create mathematical documents</td>
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<tr>
<td>15</td>
<td>Teaching demonstrations; Create mathematical documents</td>
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**Student Disability Services**

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA), and subsequent legislation.

The Office of Student Affairs is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability, and it is the student’s responsibility to initiate such a request by contacting:

Dallas Swafford  
Director of Student Disability Services  
Office of Student Affairs  
325-942-2047  
dallas.swafford@angelo.edu

**Title IX**

Angelo State University is committed to the safety and security of all students. If you or someone you know experience sexual harassment, sexual assault, domestic or dating violence, stalking, or discrimination, you may contact ASU’s Title IX Coordinator:

Michelle Boone  
Director of Title IX Compliance  
325-486-6357  
michelle.boone@angelo.edu

**Student Absence for Observance of Religious Holy Days**

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. The full details can be found in ASU Operating Policy OP 10.19 Observance of Religious Holy Days.

**Incomplete Grade Policy**

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from
completing course work. Documentation may be required. See ASU Operating Policy 10.11 Grading Procedures for more information.

**Student Conduct Policies**

*Academic Integrity*

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Science and Engineering adheres to the Statement of Academic Integrity.

*Plagiarism*

Plagiarism is a serious topic covered in ASU’s Academic Integrity policy in the Student Handbook. Plagiarism is the action or practice of taking someone else’s work, idea, etc., and passing it off as one’s own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality via Turnitin. Resources to help you understand this policy better are available at the ASU Writing Center.

*Copyright Policy*

Students officially enrolled in this course should make only one printed copy of the given articles and/or chapters. You are expressly prohibited from distributing or reproducing any portion of course readings in printed or electronic form without written permission from the copyright holders or publishers.

**General Policies Related to this Course**

All students are required to follow the policies and procedures presented in these documents:

- Angelo State University Student Handbook
- Angelo State University Catalog

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i [http://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of](http://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of)
i

ii [http://www.angelo.edu/content/files/14197-op-1011-grading-procedures](http://www.angelo.edu/content/files/14197-op-1011-grading-procedures)
i

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i

v [http://www.angelo.edu/dept/writing_center/academic_honesty.php](http://www.angelo.edu/dept/writing_center/academic_honesty.php)
i

http://www.angelo.edu/catalogs/