Math 4181: Seminar in Mathematics

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>
</tr>
</thead>
<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>
</tr>
<tr>
<td>Wednesday</td>
<td>1:00-3:00</td>
</tr>
<tr>
<td>Thursday</td>
<td>8:00-9:30; 11:00-12:30</td>
</tr>
</tbody>
</table>

Course Requirements
Students enrolled in MATH 4181 will be required to give one presentation using Beamer or another form of computer generated slides, write a response to a presentation made by one of the class speakers, attend all seminar talks and participate as is appropriate.

Grade Calculations
Final grades will be based on attendance, your abstract, your presentation, your written response to a presentation made by one of the class speakers, and participation as follows: Attendance will count for 30%, your abstract and written response to a presentation made by one of the class speakers will count for 30%, your presentation will count for 30%, and your participation will count for 10%; then the usual grades (90 and above ↔ A, 80-89 ↔ B, 70-79 ↔ C, 60-69 ↔ D, and less than 60 ↔ F).

Each absence after the first absence will result in 10% being deducted from your attendance. You will receive an F if you have more than 4 absences.

Student Learning Outcomes
1. **The students will demonstrate factual knowledge.** Students will interpret and use the vocabulary, symbols, and basic concepts modeled for them in a variety of mathematical presentations.
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 presentations, as well as the presentation techniques themselves.

3. The students will apply 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 mathematical presentations.

4. The students will develop specific skills, competencies, and points of view needed by mathematicians. Students will develop insight into a variety of mathematical topics not typically covered in their classes. Students will also observe and model the skills and competencies necessary to make an effective mathematical presentation.

Required Texts and Readings

There is no textbook for this course

Subject Matter

Presentations and discussions on selected topics to encourage an exchange among mathematics majors and faculty members. (May be taken at most twice for credit.)

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>Organizational Meeting</td>
</tr>
<tr>
<td>2</td>
<td>Elements of a Good Presentation and Good Abstract</td>
</tr>
<tr>
<td>3</td>
<td>Using Beamer</td>
</tr>
<tr>
<td>4</td>
<td>Presentations</td>
</tr>
<tr>
<td>5</td>
<td>Presentations</td>
</tr>
<tr>
<td>6</td>
<td>Presentations</td>
</tr>
<tr>
<td>7</td>
<td>Presentations</td>
</tr>
<tr>
<td>8</td>
<td>Presentations</td>
</tr>
<tr>
<td>9</td>
<td>Presentations</td>
</tr>
<tr>
<td>10</td>
<td>Presentations</td>
</tr>
<tr>
<td>11</td>
<td>Presentations</td>
</tr>
<tr>
<td>12</td>
<td>Presentations</td>
</tr>
<tr>
<td>13</td>
<td>Presentations</td>
</tr>
<tr>
<td>14</td>
<td>Presentations</td>
</tr>
<tr>
<td>15</td>
<td>Presentations</td>
</tr>
</tbody>
</table>
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 to disciplinary action and possible expulsion from ASU.

The College of Science and Engineering adheres to the Statement of Academic Integrity [iii](http://www.angelo.edu/student-handbook/community-policies/academic-integrity.php).

**Plagiarism**

Plagiarism is a serious topic covered in ASU’s [Academic Integrity policy](http://www.angelo.edu/student-handbook/community-policies/academic-integrity.php) 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](http://www.angelo.edu/dept/writing_center/academic_honesty.php).

**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](http://www.angelo.edu/student-handbook/)
- [Angelo State University Catalog](http://www.angelo.edu/catalogs/)

---

[i](http://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of) [ii](http://www.angelo.edu/content/files/14197-op-1011-grading-procedures) [iii](http://www.angelo.edu/student-handbook/community-policies/academic-integrity.php) [iv](http://www.angelo.edu/student-handbook/community-policies/academic-integrity.php) [v](http://www.angelo.edu/dept/writing_center/academic_honesty.php) [vi](http://www.angelo.edu/student-handbook/) [vii](http://www.angelo.edu/catalogs/).