Instructor Info
Instructor: Dr. Susan Abernathy
Office: MCS 220i
Phone: 325.486.5442
Office Hours: M 9-12, T 2-4
W 9-11, F 9-12
or by appointment

Email: All of the following addresses work. They all go to the same inbox; you need only send an email to one of them.
susan.abernathy@angelo.edu
susan.taylor@angelo.edu
staylor28@angelo.edu

Time/Location
W 12:00-12:50pm in MCS 210

Textbook
There is no required textbook for this class.

Course Content
The majority of the course will consist of presentations on mathematical topics by faculty and students. During the first few weeks, we’ll also discuss how to construct and present a talk.

Major Course Requirements
Each student will be required to give a 15-20 minute presentation on a mathematical topic of their choice. Each student will be assigned a faculty mentor who can assist in choosing a topic and answering questions you may have while writing your presentation.

Grading
Final grades will be based on attendance, participation, your abstract, and your presentation as follows:

- Attendance: 36 points
- Abstract: 12 points
- Presentation: 40 points
- Participation: 12 points
- Total: 100 points

You are allowed one absence. Each subsequent absence will result in 12 points being deducted from your attendance points.

Abstracts must be submitted by email to the instructor by 5pm Wednesday, one week before your talk. You are expected to use correct spelling and grammar (mistakes will not be corrected on departmental posters and emails).

Presentations will be graded on mathematical accuracy and preparation. Your talk must be 15-20 minutes. If your talk is shorter than 15 minutes, you will have the opportunity to give a make-up talk at the end of the semester, time permitting, for a significantly reduced grade.
Students are expected to be active participants in class, giving their full attention to the speaker, and asking and answering questions during presentations when appropriate. Doing work for other classes, texting, and similar activities all detract from participation. Repeated instances will result in points being deducted from the participation category.

**Course Schedule**
This schedule is tentative and subject to change. The instructor reserves the right to change the schedule if needed.

- **Week 1** – 1/17: Syllabus, scheduling talks, assigning mentors
- **Week 2** – 1/24: How to Give a Good Talk, Writing Abstracts
- **Week 3** – 1/31: Using Beamer
- **Week 4** – 2/7: Faculty presentation
- **Week 5** – 2/14: Faculty presentation
- **Week 6** – 2/21: Faculty presentation
- **Week 7** – 2/28: Student presentations
- **Week 8** – 3/7: Student presentations
- **Week 9** – 3/14: Student presentations
- **Week 10** – 3/21: Student presentations
- **Week 11** – 3/28: Student presentations
- **Week 12** – 4/4: Student presentations
- **Week 13** – 4/11: Student presentations
- **Week 14** – 4/18: Student presentations
- **Week 15** – 4/25: Student presentations
- **Week 16** – 5/2: Make-up presentations, if needed

**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, email the instructor.

**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:
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 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 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.

Course Content

There is no textbook for this course.

1. A variety of mathematical topics will be presented by both faculty and students. The topics will typically be either topics not discussed in mathematics classes, or ideas presented in a manner distinct from that seen in the mathematics curriculum.

2. Students will study and discuss identification of mathematical topics, research of mathematical ideas, and presentation of mathematical results.

3. Students will research, develop, and present mathematical talks.

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i Observance of Religious Holy Days: [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)

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


iv ASU Writing Center: [http://www.angelo.edu/dept/writing_center/academic_honesty.php](http://www.angelo.edu/dept/writing_center/academic_honesty.php)


vi University Catalog: [http://www.angelo.edu/catalogs/](http://www.angelo.edu/catalogs/)