Instructor: Dr. Andrew Siefker
Fax: (325) 942 – 2503
Office: MCS 219B
e-mail: asiefker@angelo.edu
Office Phone: (325) 486-5440

Office Hours: M: 10:00 – 11:00 a.m.; 2:00 – 4:00 p.m.
T: 9:00 – 10:00 a.m.
W: 10:00 – 11:00 a.m.; 2:00 – 4:00 p.m.
Th: 9:00 – 10:00 a.m.; 3:30 – 4:30 p.m.
F: 10:00 – 11:00 a.m.

or by appointment

Textbook: There is no required textbook for this course.

Course Content: This course consists of a series of presentations by faculty and students. A variety of mathematical topics not typically covered in other classes will be presented. Each seminar topic will be announced at least one week in advance.

Course Requirement: Students enrolled in MATH 4181 for the first time are simply required to attend the seminar talks and participate as is appropriate. Students not giving their full attention to the speaker will not be given credit for having attended the seminar. Students who are enrolled in MATH 4181 for the second time will be required to give a presentation. Please see the instructor very early in the semester to begin seeking presentation topics.

Grading System: The final grade will be determined based on each student’s attendance, participation, and presentation. Each student enrolled in MATH 4181 is required to give a fifteen to thirty minute presentation. If the presentation is shorter than fifteen minutes, the student will be given a second opportunity to give a different presentation (time permitting) at a significantly reduced grade. The talk will be graded according to a rubric as well as on preparation and accuracy. Each absence after the first absence will result in a one letter grade reduction in the final grade. Students not giving their full attention to the speaker will not be given credit for having attended the seminar. Presentations must include technology such as Powerpoint, Beamer, document camera, etc. Be professional and well-prepared.

Class Etiquette:
Please be courteous of others in the class including: not utilizing cell phones, silencing cell phones, not habitually arriving late, not leaving during lectures (unless you notify me beforehand), not engaging in non-math related conversations or activities, sleeping, etc.
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.

Ms. Dallas A. Swafford, Director of Student Disability Services
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center

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 Nicole Boone, Director of Title IX Compliance
325-486-6357
michelle.boone@angelo.edu
Houston Harte University Center

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. See ASU Operating Policy 10.19 Student Absence for Observance of Religious Holy Day for more information.

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.

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

Mathematics 4181 – Seminar in Mathematics

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.