Math 4181: Seminar in Math.
Course Syllabus

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

Contact Information

Instructor: Dr. Dennis Hall
Office: MCS 220J
Office Hours: Monday: 9:50am-11:00am and 11:50am-1:00pm
    Tuesday: 10:20am-12:30pm
    Wednesday: 10:00am-11:00am
    Thursday: 10:20am-12:30pm
    Friday: 9:50am-11:00am and 11:50am-1:00pm

Note: Office hours are held virtually and in person. During the times listed above, you may visit my office in person or virtually by visiting hall.run/office.

E-mail: dennis.hall@angelo.edu
Office Phone: 325-486-5426

Course Information

Course Description: Presentations and discussions on selected topics to encourage an exchange among mathematics majors and faculty members.

Textbooks: This course has no required textbooks.

Course Delivery: To maintain academic quality while accommodating social distancing needs this semester, this course will use a split delivery model that combines face-to-face teaching with remote instruction.

The goal is to provide face-to-face instruction to students who want to return to campus, while also allowing students who may need to learn remotely to participate via virtual class sessions.
How Does It Work?

The course enrollment is small enough and the classroom large enough to allow for all students to attend in person. However, in-person attendance is not required. You will, however, be required to attend class, whether virtually or in-person, every Wednesday from 12:00pm – 12:50pm.

All presentations (student and faculty) will be streamed live using Blackboard Collaborate.

Please refer to this Health and Safety web page for updated information about campus guidelines as they relate to the COVID-19 pandemic.

**Technology Requirements**: You must have access to computing facilities that will allow you to create a presentation with digital slides. If you do not plan to give your presentation in person, you must have a webcam, microphone, internet, and computing facilities to allow for streaming your presentation live to the students in this course at your designated time. If you do not plan on attending this course in person, you must have a microphone, internet, and computing facilities to be able to watch and respond to live presentations given at noon every Wednesday.

**Communication**: Most email will receive a response within 24 hours during working hours Monday through Friday. Please include your course name (Calculus III, Seminar, Calculus I, etc.) in your messages for the quickest reply. Office hours will be held using WebEx and may be accessed via hall.run/office.

**Course Evaluation**

Your grade for this course will be determined by your participation and attendance in class, your presentation, and your response to another student’s presentation.

- **50%**: Attendance and Participation
- **30%**: Presentation
- **20%**: Response

You will receive a grade of F if you do not give a presentation or you fail to give a response.

**Presentation (30%)**: You will be assigned a mentor and a presentation date the first week of class. You are expected to communicate with the mentor by February 3 and have a topic by February 10. The presentation must be presented live, either online or in person. No pre-recorded presentations will be allowed. An abstract for your talk is due the Friday before your talk.

The presentation must be between 15 and 25 minutes long.

**Attendance and Participation (50%)**: You are required to attend classes at noon either live online or in person. You may miss up to one class for any reason without penalty. Every missed class after the first will reduce your final grade by 5% (up to 50%). If you choose to attend online, you must respond to any questions asked or prompts received in a timely manner. If you fail to respond, then you will be counted
absent that day. The participation portion of this category is related to taking part in the talks. You must, at least twice during the semester, either ask a substantive question or moderate a session. Failure to do so will result in a penalty of up to 20%.

**Response (20%)**: You will be assigned a talk to which you will respond during the first week of class. The response must be written using LaTeX. A free online compiler for LaTeX can be found at overleaf.com. Register with your Angelo State University email address to take advantage of their free student accounts.

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**Other Information**

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

- Angelo State University Student Handbook
- Angelo State University Catalog

**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 university’s [Statement of Academic Integrity](#).

**Accommodations for Students with Disabilities**

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.

Student Disability Services is located in the Office of Student Affairs and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student’s responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at [ADA@angelo.edu](mailto:ADA@angelo.edu). For more information about the application process and requirements, visit the [Student Disability Services website](#). The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford

Director of Student Disability Services

Office of Student Affairs

325-942-2047
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 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.

Title IX at Angelo State University

The University prohibits discrimination based on sex, which includes pregnancy, sexual orientation, gender identity, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination including: sexual assault, sex-based discrimination, sexual exploitation, sexual harassment, public indecency, interpersonal violence (domestic violence and/or dating violence), and stalking. As a faculty member, I am a Responsible Employee meaning that I am obligated by law and ASU policy to report any allegations I am notified of to the Office of Title IX Compliance.

Students are encouraged to report any incidents of sexual misconduct directly to ASU’s Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator at:

Michelle Boone, J.D.
Director of Title IX Compliance/Title IX Coordinator
Mayer Administration Building, Room 210
325-942-2022
michelle.boone@angelo.edu

You may also file a report online 24/7 at www.angelo.edu/incident-form.

If you are wishing to speak to someone about an incident in confidence you may contact the University Health Clinic and Counseling Center at 325-942-2173 or the ASU Crisis Helpline at 325-486-6345.

For more information about Title IX in general you may visit www.angelo.edu/title-ix.

Required Use of Masks/Facial Coverings by Students

As a member of the Texas Tech University System, Angelo State University has adopted the mandatory Facial Covering Policy to ensure a safe and healthy classroom experience. Current research on the COVID-19 virus suggests there is a significant reduction in the potential for transmission of the virus from person to person by wearing a mask/facial covering that covers the nose and mouth areas. Therefore, in compliance with the university policy students in this class are required to wear a
mask/facial covering before, during, and after class. Faculty members may also ask you to display your daily screening badge as a prerequisite to enter the classroom. You are also asked to maintain safe distancing practices to the best of your ability. For the safety of everyone, any student not appropriately wearing a mask/facial covering will be asked to leave the classroom immediately. The student will be responsible to make up any missed class content or work. Continued non-compliance with the Texas Tech University System Policy may result in disciplinary action through the Office of Student Conduct.

**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. 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.

**Course Schedule**

**Important Dates**

January 27: First Day of Class

February 3: Should have contacted your mentor by this date.

February 10: Topics are due in class.

April 2: Spring Holiday (University Closed)

April 30: Last Day to Drop/Withdraw
Weekly Schedule

Below is a tentative schedule, but it is likely to change throughout the semester.

- Week 1: Introduction and Syllabus
- Week 2: Faculty Presentation
- Week 3: Faculty Presentation
- Week 4: Faculty Presentation
- Week 5: Student Presentations
- Week 6: Student Presentations
- Week 7: Student Presentations
- Week 8: Student Presentations
- Week 9: Student Presentations
- Week 10: Student Presentations
- Week 11: Student Presentations
- Week 12: Student Presentations
- Week 13: Student Presentations
- Week 14: Student Presentations (If Needed)
- Week 15: Student Presentations (If Needed)

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i [https://www.angelo.edu/covid-19/returning-to-campus/health-and-safety.php](https://www.angelo.edu/covid-19/returning-to-campus/health-and-safety.php)
ii [https://www.angelo.edu/student-handbook/](https://www.angelo.edu/student-handbook/)
iii [https://www.angelo.edu/catalogs/](https://www.angelo.edu/catalogs/)
v [https://www.angelo.edu/services/disability-services/](https://www.angelo.edu/services/disability-services/)
vi [https://www.angelo.edu/content/files/14197-op-1011-grading-procedures](https://www.angelo.edu/content/files/14197-op-1011-grading-procedures)
vii [https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of](https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of)
viii [https://www.angelo.edu/services/title-ix/](https://www.angelo.edu/services/title-ix/)