Math 4091: Research 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 (All office hours will be virtual)
Virtual Office Hours: MWF 10-11 and 1-2
T/Th 12-2

Note: all office hours will be held virtually. During the times listed above, I will be waiting in Webex at this link: https://angelostate.webex.com/meet/dennis.hall
E-mail: dennis.hall@angelo.edu
Phone: 325-486-5426

Course Information

Course Description: Research course on an individual topic. The topic for a specific section of this course is on file with the department or may be obtained from the instructor.

Textbook: No textbook is required for this course. We will use academic papers, provided materials, and online resources.

Course Evaluation

Your grade for this course will be determined by your effort on reading or researching the individual topic. Homework assignments and suggested readings may be given throughout the course. Your effort will be evaluated as follows.
**Final grade requirements:** The following is the rubric that will be used to determine your final grade in this course.

**A:** The student makes great effort to attend all meetings and complete all assignments. The student has put significant work toward understanding the topic, as will be evidenced by completed assignments, quizzes, and/or research work.

**B:** The student misses several meetings and/or does not complete all assignments. Despite this, the student has still put significant work toward understanding the topic, as will be evidenced by completed assignments, quizzes, and/or research work.

**C:** The student misses many meetings and/or fails to turn in many assignments. The student has put forth some work toward understanding the topic, as will be evidenced by completed assignments, quizzes, and/or research work.

**D:** The student only attends a few meetings and/or only turns in a few assignments. The student has put forth only minimal work toward understanding the topic, as will be evidenced by completed assignments, quizzes, and/or research work.

**F:** The student has not put forth effort to understand the topic, misses most meetings, or does not turn in most assignments. The student has not put forth even minimal work toward understanding the topic, as will be evidenced by completed assignments, quizzes, and/or research work.

**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. 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
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

**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
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](https://www.angelo.edu/services/disability-services/) 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**

The students will demonstrate factual knowledge including the mathematical notation and terminology used in this course. Students will read, interpret, and use the vocabulary, symbolism, and basic definitions used in the individual topic.

The students will describe the fundamental principles arising from the mathematical ideas associated to applications. Students will identify and apply the laws and formulas that result directly from the definitions and will apply these ideas to any applications relevant to the topic.

The students will apply the course material along with techniques and procedures covered in this course to solve problems. Students will use the facts, formulas, and the techniques learned in this course to solve basic problems.

The students will develop specific skills, competencies, and thought processes sufficient to support further study or work in this field or related fields. Students will acquire a level of proficiency in the fundamental concepts and applications necessary for areas requiring this topic as a proficiency.

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i [https://www.angelo.edu/student-handbook/](https://www.angelo.edu/student-handbook/)

ii [https://www.angelo.edu/catalogs/](https://www.angelo.edu/catalogs/)

iii [https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php](https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php)

iv [https://www.angelo.edu/services/disability-services/](https://www.angelo.edu/services/disability-services/)

v [https://www.angelo.edu/content/files/14197-op-1011-grading-procedures](https://www.angelo.edu/content/files/14197-op-1011-grading-procedures)
vi https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of
vii https://www.angelo.edu/services/title-ix/