Course Description: An overview of various softwares used by mathematicians and math instructors. Software covered may include, but is not limited to, Geogebra, Mathematica, Latex, and Beamer.

Prerequisites: MATH 1720 or equivalent

Course Outline: The schedule is subject to change by the instructor.

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Grading Matrix: The following grading scale will be used to determine your final grade:

\[0 \leq F \leq 60% \leq D \leq 70% \leq C \leq 80% \leq B \leq 90% \leq A\]

Assignments: The majority of the class time will be spent on activities that walk you through the software being studied. You will submit each activity for a grade at the end of every day unless otherwise specified. Occasionally, homework may be given in addition to the in-class assignments. Unless noted otherwise, it is due at the beginning of the next class.

Final Project: You will be required to submit a final project and present it to the class. The project will require you to make either a lesson plan or complete and advanced mathematical problem that is enhanced by the technology that we cover in class. Additional details will follow.

Email Policy: Use your Blackboard email account to contact me. You should check your email every day as you are responsible for all information I send out. Due to privacy rights, I will not discuss grades over the phone and I will only answer emails from your Blackboard account.

General Policies: Everyone in the class is to respect each other at all times. This includes listening to others’ opinions and ideas, putting forth the best of your effort for the class and working only on topics related to the course.

It is the students’ responsibility to be aware of all announcements made for the class and changed made to the syllabus.
Leaving class early is generally prohibited. You may leave class if you are not returning in the case of an emergency. Leaving class should be by the permission of the instructor.

Questions regarding assignment grades should be asked within two days of the return of the assignment.

You will NOT get a grade better than a C is you miss more than 3 classes.

Do not be afraid to make mistakes or ask questions in this class. I am in my office frequently and I am always happy to help if you would like to drop by.

University Policies and Procedures

Students with Disabilities (ADA Compliance): The University of North Texas Dallas faculty is committed to complying with the Americans with Disabilities Act (ADA). Students' with documented disabilities are responsible for informing faculty of their needs for reasonable accommodations and providing written authorized documentation. Grades assigned before an accommodation is provided will not be changed as accommodations are not retroactive. For more information, you may visit Rosemary Meredith, Disabilities Services and Compliance Officer, Suite 204, Building 2 or call 972-338-1777.

Student Evaluation of Teaching Effectiveness Policy: The Student Evaluation of Teaching Effectiveness (SETE) is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider the SETE to be an important part of your participation in this class.

Academic Integrity: Academic integrity is a hallmark of higher education. You are expected to abide by the University's code of academic integrity policy. Any person suspected of academic dishonesty (i.e., cheating or plagiarism) will be handled in accordance with the University's policies and procedures. Refer to the Code of Academic Integrity at http://www.untdallas.edu/sites/default/files/page_level2/pdf/policy/7.002%20Code%20of%20Academic_Integrity.pdf In addition, all academic work turned in for this class, including exams, papers, and written assignments as follows: On my honor, I have not given, nor received, nor witnessed any unauthorized assistance that violates the UNTD Academic Integrity Policy.

Bad Weather Policy: On those days that present severe weather and driving conditions, a decision may be made to close the campus. In case of inclement weather, call UNT Dallas Campuses main voicemail number (972) 780-3600 or search postings on the campus website www.untdallas.edu. Students are encouraged to update their Eagle Alert contact information, so they will receive this information automatically.

Attendance and Participation Policy: The University attendance policy is in effect for this course. Class attendance and participation is expected because the class is designed as a shared learning experience and because essential information not in the textbook will be discussed in class. The dynamic and intensive nature of this course makes it impossible for students to make-up or to receive credit for missed classes. Attendance and participation in all class meetings is essential to the integration of course material and your ability to demonstrate proficiency. Students are responsible to notify the instructor if they are missing class and for what reason. Students are also responsible to make up any work covered in class. It is recommended that each student coordinate with a student colleague to obtain a copy of the class notes, if they are absent. If students miss more than one class for other than a documented emergency (e.g. hospitalization, death in the family), then they may receive a 5% reduction in their overall grade.

Diversity/Tolerance Policy: Students are encouraged to contribute their perspectives and insights to class discussions. However, offensive & inappropriate language (swearing) and remarks offensive to others of particular nationalities, ethnic groups, sexual preferences, religious groups, genders, or other ascribed statuses will not be tolerated. Disruptions which violate the Code of Student Conduct will be referred to the Center for Student Rights and Responsibilities as the instructor deems appropriate.

Important Dates

First Day of Class .......................................................... May 23, 2017
Census Date ................................................................. May 30, 2017
Drop Date ........................................................................ June 22, 2017
Independence Day Holiday .................................................. July 4, 2017
Final Presentations ............................................................. July 13, 2017