MATH3350: Introduction to Numerical Analysis online

Instructor Contact Information
Name: Dr. Yanyan He,  
Office Location: GAB 440H & NTDP F293  
Email: yanyan.he@unt.edu  
Zoom Office Hours: by appointment (meeting ID will be posted on Canvas)  
Communication: Please contact me via email. I will respond within 24 hours on weekdays (usually sooner). Please do not expect a response over the weekend

Course Information
Course: MATH3350-002 & 201  
Textbook: Numerical Analysis (3rd edition) by Timothy Sauer  
Prerequisite: MATH 2700 and computer programming ability  
Course Structure: This course is 100% online. This course is accessed through canvas.  
Course Content: Introduction to numerical methods, nonlinear equations, system of linear equations, polynomial interpolation, least squares problem, numerical integration and differentiation, ordinary differential equation

Exam Dates
Midterm #1: September 25th  
Midterm #2: October 30th  
Final exam: December 8th

Grading
Homework: 20%; Midterm #1: 25%; Midterm #2: 25%; Final exam: 30%

Letter Grade
A--[100, 90]  B--(90, 80]  C--(80, 70]  D--(70, 60]  F--(60, 0]  
Note: The instructor does not round when calculating final weighted average. Grades are determined and assigned solely based on student performance on the evaluation components.

Assignments & Exams
• Individual work is required for all graded assignments and Exams.  
• The Submission must be one (1) PDF in Canvas with a page scanned for each page of your work. The pages must be in correct order with right side up. If you submit more than one PDF, only the first one will be graded.  
• If the assignment involves computer programming, submit a short write-up describing the problem, your solution technique, and the result. The solution to each problem must be clearly labeled with problem number.  
• Two lowest homework scores will be dropped.
• All assignments are due at 11:59 pm of the due date. The Canvas gradebook will automatically assign a zero to assignment NOT submitted prior to 11:59 pm.
• Your homework papers are graded by a student grader. Ask the instructor asap if you have any questions regarding grading.

Course Policies
• This online course has no physical attendance requirement. However, you need to access your Canvas a minimum of at least once every weekday. You are responsible for all information in Canvas or sent to your UNT email account.
• No late homework will be accepted! No make-up exams.
• Do not expect to be able to do some extra work to help your grade either before or after the final exam.

Minimum Technology Requirements
Computer, reliable internet access, speaker, Canvas Technical Requirements (https://clear.unt.edu/supported-technologies/canvas/requirements).

Computer Skills & Digital Literacy
Using Canvas, downloading and installing MATLAB, and scanning documents (that can be done using smartphones).

Academic Integrity
The content of the Student Handbook regarding the University's Policy of Academic dishonesty applies to this course. The occurrence of academic dishonesty will result in the grade of F for the course.

Disabilities
UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one’s specific course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website (https://disability.unt.edu/).

IMPORTANT NOTICE: The instructor keeps the right to make necessary changes for this course during the whole semester!
MATH3350: Introduction to Numerical Analysis
Honors Supplemental Syllabus

Instructor Contact Information
Name: Dr. Yanyan He,
Office Location: GAB 440H & NTDP F293
Email: yanyan.he@unt.edu
Zoom Office Hours: Friday 2:00-4:00pm (meeting ID: 4361460619) or by appointment
Communication: Please contact me via email. I will respond within 24 hours on weekdays (usually sooner). Please do not expect a response over the weekend

Course Information
Course: MATH3350-201
Textbook: Numerical Analysis (3nd edition) by Timothy Sauer
Prerequisite: MATH 2700 and computer programming ability
Course Structure: This course is 100% online. This course is accessed through canvas.
Course Content: Introduction to numerical methods, nonlinear equations, system of linear equations, polynomial interpolation, least squares problem, numerical integration and differentiation, ordinary differential equation

To earn Honors credit for this course, you must complete the additional homework that will be given during the course. In particular, with each regular homework assignment, there will be additional homework/project assignments that you will have to turn over in time.