# MATH3350: Introduction to Numerical Analysis
### Curry 210        3:30-4:50PM T/R

**Instructor Contact Information**
*Name*: Dr. Yanyan He,
*Office Location*: GAB 440H
*Email*: yanyan.he@unt.edu
*Office Hours*: 2:00-3:00PM T/R or by appointment

**Course Information**
*Course:* MATH3350-001
*Textbook*: Numerical Analysis (3rd edition) by Timothy Sauer
*Prerequisite*: MATH 2700 and computer programming ability
*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:* February 16, 3:30-4:50PM Thursday

*Midterm #2:* March 30, 3:30-4:50PM Thursday

*Final exam:* May 9, 1:30-3:30PM Tuesday

**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**
- The homework will be submitted online through Canvas, and submission must be one (1)
  PDF 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.
  The solution to each problem must be clearly labeled with problem number.
- 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.
- No late homework will be accepted! Your homework papers are graded by a student grader.
  Ask the instructor asap if you have any questions regarding grading.
- If the assignment involves computer programming, submit a short write-up in the PDF
  describing the problem, your solution technique, and the result. The Matlab code should
  also be submitted in .m or .mlx format.
- Two lowest homework score will be dropped.

- Exams are closed book. Make-up exams could be given only in exceptional cases with the documented evidence of excused absence.
- Students are strongly encouraged to attend classes on time. Students are responsible for any class announcements, including but not limited to exam time and location. Attendance and participation may be included in your final grade.

**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!**