MATH3350: Introduction to Numerical Analysis
Curry 211    9:30-10:50AM T/R

Instructor: Dr. Yanyan He, GAB 440H & NTDP F293  yanyan.he@unt.edu
Office Hours: 11-12 (T/R, GAB 440H), 3:30-4:30 (T/R NTDP F293) or by appointment

Textbook: Numerical Analysis (2nd edition) by Timothy Sauer

Prerequisite: MATH 2700 and computer programming ability

Course Content:
Introduction to numerical methods, system of linear equations, least squares problems, and numerical integration and differentiation, nonlinear equations, polynomial interpolation and approximation.

Grading:
Homework: 20%; Midterm #1: 20%; Midterm #2: 20%; Final exam: 40%

Policies:
• Individual work is required for all graded assignments;
• Homework must be submitted at the beginning of class. 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 its text and formatted output. Give a summary and a discussion of your results.
• Two lowest homework score will be dropped.
• Exams are closed book. Make-up exams could be given only in exceptional cases with a 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.

Americans with Disabilities Act:
With the passage of new federal legislation entitled Americans with Disabilities Act (ADA), pursuant to section 504 of the Rehabilitation Act, the University of North Texas provides reasonable accommodations for students with disabilities. We encourage you to contact the Office of Disability Accommodation if you have a disability for which you require accommodation.

IMPORTANT NOTICE: The instructor keeps the right to make necessary changes for this course during the whole semester!