

Syllabus for Math 2120, section 001

Lecturer: Dr. Andrew J. Hetzel

Lecture Time and Location: MTWRF 7:30 am – 8:25 am, Bruner 112

Office Hours: MTWRF 8:30 am – 9:30 am, 11:00 am – noon, appointments welcomed

Office Location: Bruner 109

Contact Information: *e-mail*: ahetzel@tntech.edu, *phone*: 372-3581

Comprehensive Final Exam Time: 7:30 am – 9:30 am, Thursday, July 31, 2008

Textbook

We will be using *A First Course in Differential Equations: The Classic Fifth Edition* by Zill.

Prerequisites, Course Objectives, and Topics to be Covered

Prerequisite: "C" or better in MATH 1920.

Objectives: This course is designed to provide instruction in techniques used in solving ordinary differential equations commonly encountered in mathematical physics and engineering. After finishing this course, students are expected to know the importance of the key definitions and results in the subject and to have developed the ability to use these definitions and results to correctly answer standard questions in the subject.

We will cover selected topics from chapters 1, 2, 4, 6, and 7 in the textbook.

Please see <http://www.math.tntech.edu/PDF/2120.pdf> for a complete list of the topics that will be addressed in this class.

Calculator Requirement

You may find a basic scientific calculator helpful on certain homework assignments. However, no calculators will be permitted on quizzes and tests.

Tests, Quizzes, and Homework

Homework will generally be assigned each class session.

One to two quizzes will generally be administered each week.

There will be 4 regular tests during the term and a comprehensive final.

Make-up exams and quizzes will be given only for excused absences and will be handled on a case-by-case basis. If a student does not get his or her questions answered during class, it is expected that the student will consult with me during my office hours before the corresponding test or quiz.

Students with a disability requiring accommodations should contact the Office of Disability Services (ODS). An Accommodation Request (AR) should be completed as soon as possible, preferably by the end of the first week of the course. The ODS is located in the Roaden University Center, Room 112; phone 372-6119.

Grading

Each of the 4 regular tests will be worth 15% of one's grade in the course, the comprehensive final will be worth 20%, and the quizzes will cumulatively be worth 20%. The grading scale will be the standard decade system.

Attendance

It is my discretion on what constitutes an excused absence. All excused absences require documentation. However, please be aware of your privacy rights.

I reserve the right to create policies at any point that preserve the integrity of the educational process for each student in the class.