PRACTICAL INFORMATION

Class hours: MWF 9:00 a.m.–9:50 a.m.
Class room: MATH 114
Instructor: Arunabha Biswas
Office: MATH 302
Office hours: MWF 10:00 a.m.–11:00 a.m. or by appointment
E-mail: arunabha.biswas@ttu.edu

COURSE DESCRIPTION


Prerequisites: MATH 1352 or MATH 1452 or departmental permission.

Course Outline: We will cover most of the material from Chapter 1 to Chapter 7. Students are expected to read ahead and prepare before the class in order to achieve this goal.

Expected learning outcomes: After completing this course students should be proficient in (i) performing basic vector algebra, and computing their bases, (ii) expressing a linear transformation as a matrix, (iii) performing basic matrix manipulations, and computing the determinant of a matrix, (iv) computing eigenvalues and eigenvectors, (v) using the Gram-Schmidt process.

Calculator: A scientific calculator is useful for this course. TI-89 is recommended. However, calculators or other electronic devices are NOT allowed on any exams.

COURSE ORGANIZATION

Exams: There will be two in-class exams, and a comprehensive final exam.

Homework: Homework will be assigned regularly through WeBWorK. Students will get two weeks time to finish each. The WeBWorK URL for this course is: http://webwork.math.ttu.edu/webwork2/spr13abiswasm2360s002/ Use your eRaider ID as username and R-number (including the R) as password in order to login to WeBWorK. For detailed instructions visit: http://www.math.ttu.edu/~gilliam/ttu/math_online/intro_2_webwork.pdf and http://www.math.ttu.edu/~gilliam/ttu/math_online/Enter_Answers_WeBWorK.pdf

Grading policy: On exams and final, partial credit for correct steps will be awarded even if the final answer is wrong. Full credit will be given only if the final answer and all intermediate steps are correct. A correct final answer per se does not guarantee any credit.

Deadlines and make ups: In-class exams cannot be made up; the final exam serves as make-up for tests that were missed for legal and documented reasons. Deadlines for the homework are fixed.

Final grade: Homework, and exams are counted towards the final grade with weights as follows: Homework 25%, in-class exams 50% (25% each), and final exam 25%.

Grading scale: A: 90-100%, B: 80-89%, C: 70-79%, D: 60-69%, F: below 60.
Important Dates:

- Martin Luther King Jr. Day: Monday, January 21
- Last day for student-initiated drop on MyTech without penalty: Friday, February 1
- Exam 1: Wednesday, February 27
- Spring break: Saturday - Sunday, March 9 - 17
- Last day for student-initiated drop on MyTech with penalty: Wednesday, March 27
- Easter holiday: Monday, April 1
- Exam 2: Wednesday, April 10
- Last day of classes: Tuesday, May 7
- Final Exam: Friday, May 10, 7:30 a.m. - 10:00 a.m.

GENERAL POLICIES

Texas Tech Operating Policies and Procedures: The following three items are brief excerpts. The complete policies are available at [http://www.depts.ttu.edu/opmanual](http://www.depts.ttu.edu/opmanual).

Academic Honesty (OP 34.12) It is the aim of the faculty of Texas Tech University to foster a spirit of complete honesty and high standard of integrity. The attempt of students to present as their own any work not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offenders liable to serious consequences, possibly suspension.

ADA Accommodation (OP 34.22) Any student who because of a disability may require special arrangements in order to meet course requirements should contact the instructor as soon as possible to make any necessary accommodations. Student should present appropriate verification from AccessTECH. For additional information, please contact Student Disability Services in West Hall or call 806-742-2405.

Absence for Observance of Observation of Religious Holiday (OP 34.19) A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence. A student who is excused may not be penalized for the absence; however, the instructor may respond appropriately if the student fails to complete the assignment satisfactorily.

Class Attendance Policy: Students with less than 4 absences will gain 3 points and students with more than 3 absences will lose 3 points towards their final scores for the course. Absences due to observation of religious holidays, officially approved trips and illness or death of close family will be handled separately in accordance with the TTU Operating Policies (OP codes) and the TTU Catalog.

Student Resources: The “Tutoring and Study Center” (TSC) is a free tutoring center operated by the Department of Mathematics and Statistics. It meets in MATH 106.

Disclaimer: This syllabus outlines the general procedures of operation and guidelines specific to MATH 2360-002: Linear Algebra Spring 2013. The instructor reserves the right to make amendments to the syllabus for the benefit of the students in accordance with the rules and regulations of the Texas Tech University and the Department of Mathematics and Statistics.