

MATH 2250 Section 1
Linear Algebra
Fall 2015

Instructor: Dr. Nickodemus
Office: PS 340
E-mail: mnickodemus@caspercollege.edu

Lecture: MWF 1:00–1:50

Office Hours: TR 9:00–9:50
WF 11:00–11:50
To Be Determined

Textbook: None

Course Description: The study of matrices, systems of equations, vector spaces, linear transformations, eigenvectors and applications of linear algebra.

Prerequisites: MATH 2355 or MATH 2200

Points: Your grade in this class is determined by your score in four categories. The breakdown as to the percentage of the total final grade is given below.

Homework	20%
Participation	10%
Midterm	20%
Final	50%

Participation: I will assign a participation grade to each student following each class meeting. If you fail to attend class you will receive 0 points for that day. Factors that may influence your participation score include, but are not limited to, asking questions in the lecture, participating in discussions, visiting office hours, completing course evaluations, taking part in twitter quizzes, etc...

Homework: I will assign homework each Friday. You are expected to turn in two problems on Monday, three problems on Wednesday, and the remaining problems on Friday. I will assign you a grade of 1-5 on each problem set. Your homework grade for the course will be the average of these grades.

Midterm: We will have a midterm exam on Wednesday, September 30.

Final: We will have an final on Wednesday, December 16 from 8:00–10:00. This will be a cumulative final.

Email: The student's assigned Casper College email account is the *only* official method of communication in this class. All official communications with me will occur solely through the student's assigned Casper College email account. Email is also the only official method of communication at Casper College. Casper College faculty and staff will employ the student's assigned Casper College email account as the primary method of communication. Students are responsible to check their account regularly. They may contain information such as library fines notification, tuition bills, official correspondence from an instructor, etc.

Getting Help: If you feel that you are getting behind in the class, please let me know. Most issues can be cleared up very quickly if they are addressed early. If you cannot make any of my regular office hours listed above, we can schedule an individual appointment.

College Sponsored Activity: If you will be unable to earn your weekly points for a week because of a college sponsored activity, and you would like that week excused, you need to take the following actions.

1. Have your coach send me a typed letter on Casper College letter head with a list of all the dates that you will be gone for the entire semester by September 11.
2. Prior to your trip, send me an email telling me when you will be gone. This email should also contain an explanation of how and when you will make up the work that you will be missing. I will then email you back with a deadline for when you must have the missed work made up.

Dropping the Course: The last day to drop the course is November 12. Students will not be allowed to drop after this date.

Outcomes: The desired outcomes of the course include, but are not limited to

1. being able to work with the symbols, operations, and the vocabulary of Linear Algebra.
2. being able to complete simple proofs, using correct structure and language.
3. being able to set up and solve various real-life application problems.
4. being able to demonstrate proficiency with matrix algebra and understand its role in linear algebra and applied mathematics.
5. being able to solve linear systems of the form $Ax=b$ in several different ways, including eigenvalues and eigenvectors.
6. being able to use the concepts of vector spaces, including sub-spaces, and be able to prove that a given space or sub-space is a vector space.
7. being able to use appropriate technology to demonstrate and explore linear algebra concepts.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Dean, and lastly the Vice President for Academic Affairs.

Academic Dishonesty - Cheating & Plagiarism: Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct.

Plagiarism: Plagiarism is defined as the use of another's ideas or words without appropriate acknowledgment. Examples of plagiarism include: failing to use quotation marks when directly quoting from a source; failing to document distinctive ideas from a source; fabricating or inventing sources; and copying information from computer-based sources, e.g., the Internet.

Unauthorized Possession or Disposition of Academic Materials: Unauthorized possession or disposition of academic materials may include: selling or purchasing examinations, papers, reports or other academic work; taking another student's academic work without permission; possessing examinations, papers, reports, or other assignments not released by an instructor; and/or submitting the same paper for multiple classes without advance instructor authorization and approval.

ADA Accommodations Policy: It is the policy of Casper College to provide appropriate accommodations to any student with a documented disability. If you have a need for accommodation in this course, please make an appointment with our Accommodative Services Counselor at 268-2557.