Mathematics. The science of patterns.

Math 220, Linear Algebra

Instructor Information

Eric Schulz, 509-527-4281, Office #288A located in the Academic Support Center on the 2nd floor of the Main Building on WWCC's Walla Walla campus. My office hours are 10:30 to 11:30 daily. I am also available in the afternoons on an appointment basis; please contact me via email or phone to arrange an appointment if you are unable to come by during posted office hours. I normally respond to email promptly during the day but rarely in the evenings and on weekends. If you send an email in the evenings or weekends I will reply as soon as I can on the following work day.

Course Description

Designed for students planning studies in mathematics, engineering, computer science, and physics. Topics for the course include: systems of linear equations, vectors, matrices, linear transformations, vector spaces, eigenvalues, eigenvectors, eigenspaces, eigenbasis, orthogonalization and diagonalization.

Required Materials

1. The textbook for the course is Visual Linear Algebra, 1st edition, Herman/Pepe/Schulz, published by John Wiley & Sons
3. Mathematica.

Attendance

Attendance at every class session is expected. I understand absences are sometimes unavoidable and will work with students when such occasions arise. In the event of an absence occurring on the date of a scheduled exam or quiz, **prior** arrangements must be made in order to schedule another time to write the exam.

Cell Phones/PDAs

Our classroom is a **No Cell Phone/PDA environment**. Cell phones are to be silenced before class begins and put away. Cell phones/PDAs are not to be accessed for any reason during classtime. Text messaging is not allowed during class. Using a cell phone as a calculator is not acceptable - you should have a scientific calculator for use in the course.

Homework Assignments

Yes. There are both traditional pencil and paper assignments (PPP) and Mathematica assignments (MP).

Exams

There will be three exams and a comprehensive final exam.

Grades

Course grades are simply a function of the percentage of possible points earned:

Let p be the percent of the possible course points earned by a student, the course grade is then given in the following table:

93% <= p<=100% ->A
90% <= p <93% -> A-
87% <= p <90% -> B+
83% <= p < 87% -> B
80% <= p < 83% -> B-
77% <= p < 80% -> C+
73% <= p < 77% -> C
70% <= p < 73% -> C-
67% <= p < 70% -> D+
60% <= p < 67% -> D
0% <= p < 60% -> F