

Syllabus

Math 230 - Introduction to Linear Algebra Spring 2023

Syllabus

Instructor Information

Instructor: Kevin Schoenecker

Office: Science Building D354

email: kschoene@uwsp.edu (<mailto:kschoene@uwsp.edu>)

Office Hours: MTWR 11:00 or by appointment

Course Information

Class Meetings: Section 1: TWRF 2:00-2:50, SCI A201

UWSP Course Catalog Description: Topics in linear algebra; systems of linear equations, Gauss-Jordan elimination, linear combinations and linear independence, linear transformations, vector spaces and subspaces, matrix algebra, determinants, bases of nullspaces and column spaces, eigenvalues and eigenvectors, inner products and orthogonal projections with selected applications.

Credits: 4

Prerequisites: Math 226

General Education Designation(s): Associate: CCT

Textbook and Course Resources

Text Rental: Linear Algebra and its Applications, 5th Edition, by Lay, Lay, and McDonald, published by Pearson, ISBN 978-0-321-98238-4.} Topics taken from Chapters 1-6 of the textbook. Supplementary material will be listed on Canvas page.

Technology: There may be some use of computer software, such as computer algebra or graphing software.

Calculator: A graphing calculator is required and should be brought to class daily. Some tests, quizzes, etc. or parts thereof, may have the calculators disallowed.

Help: Ask questions as they arise. Use office hours, video chat (Zoom for example), email, and Canvas to communicate. Contact me anytime via email if you are having any problems or questions.

Attendance Policy: Attendance is expected at every class meeting when you are well, but we are

all expected to take extra care to not spread germs. If you have a fever or symptoms such as coughing or sneezing, please stay home and email me as soon as you realize that you will not be in class. It is the student's responsibility to make prompt arrangements for finding out what was missed and for making up any assigned work in the case of an absence, but I am very willing to work with you to find solutions. Canvas is also a great resource at these times. If you miss class, check there first for things you need to know. Quizzes and exams may only be made up in special circumstances, and normally only if arranged with me ahead of time.

Grades

Assignments (some assignments may be online): 10%, Quizzes 25%, 2 Exams 20% each, Final Exam 25%

Here is the percentage with minimum grade you will earn.


93% A, 90% A-, 87% B+, 83% B, 80% B- 77% C+ 73% C 70% C- 67%, D+ 63%, D 60%


Tentative Exam Dates: March 14 and May 5

Final Exam Date:

Section 1: Tuesday, May 16, 12:30PM - 2:30PM Science Building (SCI) A201

Other Important Notes: The instructor reserves the right to exercise discretion in raising a student's grade if the final weighted average does not appear to reflect the quality of a student's work (for example, because of one low exam score early in the course). The weighting of the scores may change if it results in a higher percentage for the student, e.g. drop lowest quiz. Do not count on this as it may not happen. Extra credit opportunities may be offered during the semester. You should not count on it though since usually there is none.

UWSP is committed to providing reasonable and appropriate **accommodations** to students with disabilities and temporary impairments. If you have a disability or acquire an impairment or injury during the semester and you need assistance, please contact the * Disability Resource Center as soon as possible, in room 108 of the Collins Classroom Center (CCC), at 715-346-3365, or at [DATC@uwsp.edu \(mailto:DATC@uwsp.edu\)](mailto:DATC@uwsp.edu). You may also want to visit their website, [Disability Resource Center \(DRC\) - University of Wisconsin-Stevens Point](https://www.uwsp.edu/disability-resource-center/)  (<https://www.uwsp.edu/disability-resource-center/>)

All students are expected to know the UWSP student **responsibilities** found on the Dean of Students webpage. Information on Academic Concerns is available <https://www3.uwsp.edu/dos/Pages/stu-academic.aspx>  (<https://www3.uwsp.edu/dos/Pages/stu-academic.aspx>).

Information on Conduct Concerns and on Personal Concerns are also available on the Dean of Students site. Information in this syllabus is subject to change. The instructor reserves the right to change the syllabus.