Math 213, Section 1, Spring 2018 Syllabus

Instructor:	Kevin Schoenecker	Office:	SCI D349
Office Hours:	M, T, R, F 10-10:50 and W at 3-3:50	Phone:	346-2762
	or by arrangement	email:	kschoene@uwsp.edu

Class Meetings: MWRF, SCI A210, 12:00-12:50

Text: *Linear Algebra and its Applications, 5th Edition, by Lay, Lay, & McDonald, published by Pearson, ISBN 978-0-321-98238-4.* Topics taken from Chapters 1–6 of the textbook.

Course 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.

Calculators: A graphing calculator is required and should be brought to class daily. Calculators that do symbolic algebra (TI-Nspire CAS, TI-89, etc.) are not allowed during exams or quizzes unless otherwise specified. If you have any questions about what calculator you can use please ask me. Cell phones, smart watches, or any other electronics other than approved calculators are not allowed to be used during exams or quizzes so you cannot use their calculator. Some tests, quizzes, etc. or parts thereof, may have the calculators disallowed. Some homework sets may use a computer algebra system such as Mathematica.

Prerequisites: Math 121 (Calculus II)

Fundamental Skills to be Learned:

- Select, analyze, and interpret appropriate numerical data used in everyday life in numerical and graphical format.

- Identify and apply appropriate strategies of quantitative problem solving in theoretical and practical applications.

- Construct a conclusion using quantitative justification.

Homework: For some homework assignments we may be using the online homework system WebWorK. Login information will be given in class. Homework to be handed in must be neat, show steps, be stapled, and be turned in on time.

Help: Ask questions as they arise. Come to see me before or after class, stop by during my office hours, or check to see if I am available at other times. Also, tutoring services are available for this course. The Math Help Room offers free drop-in tutoring in SCI A113A, and the Tutoring Learning Center has offerings for our course (if interested, go to https://www.uwsp.edu/tlc/Pages/ and look under Content-Area Tutoring).

Policies: UW-Stevens Point values a safe, honest, respectful, and inviting learning environment. In order to ensure that each student has the opportunity to succeed, a set of expectations for all students and instructors have been developed. This set of expectations is known as the Rights and Responsibilities document, and it is intended to help establish a positive living and learning environment at UWSP. Check here for more information: https://www.uwsp.edu/dos/Documents/ CommunityRights.pdf

Academic Integrity: Academic integrity is central to the mission of higher education in general and UWSP in particular. Academic dishonesty (cheating, plagiarism, etc.) is taken very seriously. For more information, see the UWSP Student Academic Standards and Disciplinary Procedures section of the Rights and Responsibilities document, Chapter 14, which can be accessed here: `https://www.uwsp.edu/dos/Documents/CommunityRights.pdf`

Disability Accommodations: The Americans with Disabilities Act (ADA) is a federal law requiring educational institutions to provide reasonable accommodations for students with disabilities. If you have a disability and require classroom and/or exam accommodations, please register with the Disability and Assistive Technology Center and then contact me at the beginning of the course. I am happy to help in any way that I can. For more information, please visit the Disability and Assistive Technology Center, located on the 6th floor of the Albertson Hall (the Library). You can also find more information here: `https://www.uwsp.edu/disability/Pages/`

Grading:

Homework Assignments	10%
Class Participation	2%
Exams (3) and Quizzes	58%
Final Exam (Comprehensive)	30%

Grades: 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+	60%	D				

Other Important Notes: I reserve the right to exercise discretion in raising a students 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). I will not use discretionary judgments to lower a student's final grade. 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 given throughout the semester. You should not count on it though since there may be none.

Participation points come from being in attendance and being engaged in discussion, answering questions, working in group work in class, doing problems on the board, etc. If you miss more than 3 classes (without approved reason), your participation points are 0. The final exam is required and if you do not take the final exam your grade may result in an F regardless of final percent.

If you miss a test or quiz for an approved reason (sickness, family emergency, UWSP travel, etc.) you must contact me before the event if possible or as soon as possible otherwise and get makeup arrangements if necessary.

Approximate Exams (Changes will be announced in class): Weeks 4, 8, 12

Final Exam: Thursday, May 17, 2018, 12:30PM - 2:30PM