

Math 262 – Introduction to Linear Algebra

Spring 2024

- Day and Time:** Tuesday and Thursday, 14:00-15:15, Live Oak 1317
- Instructor:** Dr. Jacek Polewczak
- Office:** Live Oak, Room 1301E
- Departmental Phone:** (818) 677-2721
- Email:** jacek.polewczak@csun.edu
- Class Web page:** <http://www.csun.edu/~hcmth008>
- Office Hours:** Tuesday and Thursday 15:30–17:00, or by appointment
- Course objectives:**
- Gaining competence in mathematical reasoning needed in more advance college courses and/or various professional decisions.
 - *Topics covered:* Systems of linear equations, matrices, determinants, eigenvalues, vector spaces, linear transformations, and orthogonality.
- Textbook, Topics:** **Linear Algebra with Applications**, Fifth Edition, by Otto Bretscher, *Pearson Modern Classic*, 2019. We will cover selected material from Chapters 1-8.
- Homeworks:** There will be online homeworks. Registration's instructions are at <http://www.csun.edu/~hcmth008>
- Tests:** Two tests to be taken during class time, on campus. No make-ups without doctor's excuse.
- Final Exam:** A cumulative (common) final exam (Monday, May 13, 2024, 10:15–12:15), on campus. **Not** taking the final exam will result in a semester letter grade WU, regardless of the scores from homeworks and tests.
Note: *No calculators or cheat-sheets will be allowed during the tests and the final exam. Also, during the tests and the final exam, all cellphones must be turned off.*
- Grading Scheme:**
- 20% – homeworks
 - 50% – two tests
 - 30% – cumulative final exam
- In some cases, I may use the \pm system when assigning the final grade, with the exception of C-.
- Academic Dishonesty:** This is covered in Appendix C of the CSUN catalog. Academic dishonesty will **always** be reported to the Office of Student Affairs. According to CSUN policy, a grade that is sanctioned due to academic dishonesty cannot be replaced by subsequent course grades.
- CSUN with A HEART:** If you are facing challenges related to food insecurity, housing precarity/homelessness, mental health, access to technology, eldercare/childcare, or healthcare, you can find guidance, help, and resources from CSUN with A HEART
<https://www.csun.edu/heart>
- Disabilities:** If you have a disability and need accommodations, please register with the Disability Resources and Educational Services (DRES) office or the National Center on Deafness (NCOD). The DRES office is located in Bayramian Hall, room 110 and can be reached at 818-677-2684. NCOD is located on Bertrand Street in Jeanne Chisholm Hall and can be reached at 818-677-2611.
- Tutoring:** If you need some help with the class materials, there is free on-campus and online tutoring offered by the Mathematics Tutoring Center
(<https://www.csun.edu/science-mathematics/mathematics/tutoring>)
and the Learning Resource Center
(<https://www.csun.edu/undergraduate-studies/learning-resource-center>)
- Subject to Revision:** This syllabus is subject to revision at any time at the discretion of the instructor.