

Course Syllabus

 Edit

Business 14 Finite Math for Business and Economics

Course Information

Semester & Year: Fall 2025

Course ID and Section number: Bus 14 V0477

Instructor's name: Kristen Luke

Day and time of required meetings: Online and asynchronous

Location: Online and asynchronous. I will hold a weekly scheduled office hour from 5-6 PM on Tuesdays. This meeting will be in Zoom. You can stop in and get help with homework or the quizzes.

Number of exams: 3

Course units: 3

Instructor Contact Information

Office location or Online: Zoom meeting. Contact me for details. Meetings are by appt only.

Please send me a message in Canvas to connect!

Catalog Description

Linear functions, systems of linear equations and inequalities, matrices, linear programming, mathematics of finance, sets and Venn diagrams, combinatorial techniques and an introduction to probability. Applications in business, economics and social sciences.

Course Student Learning Outcomes

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Communicate analytical and/or computational ideas in the context of Business, Economics, or Social Sciences.

Apply analytical and/or computational concepts to analyze relationships and make decisions in a business context.

Formulate and criticize quantitative arguments in a business context.

Prerequisites/corequisites/ recommended preparation

This course is introductory -- it requires no college-level prerequisites

Textbook, Course Materials and MyLab information

Please obtain the text and MyLab access the link below or on the left in your course, Access Pearson.

<https://www.pearson.com/en-us/subject-catalog/p/finite-mathematics-for-business-economics-life-sciences-and-social-sciences/P20000006082/9780135988244?srsId=AfmBOoonxpvRwcmtPgIMBxvbmfnY4VymAzeXul-IINBKRV3NA4xwwwNe> 

[_ \(https://www.pearson.com/en-us/subject-catalog/p/finite-mathematics-for-business-economics-life-sciences-and-social-sciences/P20000006082/9780135988244?srsId=AfmBOoonxpvRwcmtPgIMBxvbmfnY4VymAzeXul-IINBKRV3NA4xwwwNe\)](https://www.pearson.com/en-us/subject-catalog/p/finite-mathematics-for-business-economics-life-sciences-and-social-sciences/P20000006082/9780135988244?srsId=AfmBOoonxpvRwcmtPgIMBxvbmfnY4VymAzeXul-IINBKRV3NA4xwwwNe)

Finite Mathematics 14th Edition, Barnett, Ziegler, Byleen, Stocker

To register for MyLab access you will click on the link "MyLab" in Canvas on the left hand side of the screen and then follow the prompts. If you have purchased access from the Campus bookstore you can enter the access code here. If you need to purchase access you only need the 18 week access option. You only need the e text and MyMathLab and no other products, unless you would like to purchase something to help you.

You can purchase a scientific calculator if you would like. If you want you can also search one online or rotate any iPhone calculator to the right or left and you have one there. You can use Desmos online calculator for most of your online scientific calculator needs. You can also use it on exams.

Evaluation & Grading Policy

Homework (25% of your final score) - We will have homework in Pearson MyLab. The homework is meant as a review of the material. It is due on Sunday at 1145 PM. You have unlimited attempts and can pick up where you left off.

Quizzes (25% of your final score) - I will drop your 2 lowest scores. The quizzes are in Pearson MyLab and they are timed. You only have 3 attempts and you cannot pick up where you left off, you need to start over. It is due on Sunday at 1145 PM.

Exams (50% of your final score) - I will drop your lowest score. These will be online in Pearson MyLab. You can use your notes and a calculator. I also recommend using Desmos.

Discussion Activities (20% of your final score) - I will drop two low score activities . Please see the instructions and rubric in the discussions for guidance on how to complete these weekly activities. It is due on Sunday at 1145 PM.

NO late work is accepted without prior documented reason.

Grading scale

Grading Criteria: "A=93% and above, A-=90-92%, B+=88-89%, B=83-87, B-=80-82%, C+=78-79%, C=70-77%, D=69-60%, F=59% and below

Tentative Class Schedule (see below the Syllabus for assignment details. Also, please see the weekly modules and announcements).

I will hold weekly meetings in Zoom that you can stop into for help. Think of them like scheduled Zoom office hours. They are not obligatory and are for you just to help with things like exam prep, homework and quizzes. You can also schedule office hours with me if these times don't work for you.

Educational Accessibility and Support

College of the Redwoods is committed to providing reasonable accommodations for qualified students who could benefit from additional educational support and services. You may qualify if you have a physical, mental, sensory, or intellectual condition which causes you to struggle academically, including but not limited to:

- Mental health conditions such as depression, anxiety, PTSD, or bipolar disorder
- Common ailments such as arthritis, asthma, diabetes, autoimmune disorders, and diseases
- Temporary impairments such as a broken bone, recovery from significant surgery, or a pregnancy-related disability
- Neurodevelopmental disorders such as a learning disability, intellectual disability, autism, acquired brain injury, or ADHD
- Vision, hearing, or mobility conditions

Available services include extended test time, quiet testing environments, academic assistance and tutoring through the LIGHT Center, counseling and advising, alternate formats of course materials (e.g., audio books, braille, E-texts), assistive technology, learning disability assessments, approval for personal attendants, interpreters, priority registration, on-campus transportation, adaptive physical education and living skills courses, and more. If you believe you might benefit from disability- or health-related services and accommodations, please contact Student Accessibility Support Services (SASS). If you are unsure whether you qualify, please contact Student Accessibility Support Services (SASS) for a consultation: sass@redwoods.edu.

SASS office locations and phone numbers

Eureka campus

- Phone: 707-476-4280
- Location: Learning Resource Center (Library)








Del Norte campus

- Phone: 707-465-2353
- Location: main building, near the Library











Klamath-Trinity campus

- Phone: 707-476-4280













Course Summary:

Date	Details	Due
Sun Aug 3, 2025	 In class activity 1/22 - Questionnaire https://redwoods.instructure.com/courses/20866/assignments/485832	due by 11:59pm
Wed Aug 6, 2025	 In class activity 1/29 - Worksheet https://redwoods.instructure.com/courses/20866/assignments/485833	due by 11:59pm
Wed Aug 13, 2025	 In class activity 2/5 - Worksheet https://redwoods.instructure.com/courses/20866/assignments/485835	due by 11:59pm
Wed Aug 20, 2025	 In class activity 2/12 - Worksheet https://redwoods.instructure.com/courses/20866/assignments/485834	due by 11:59pm
Tue Aug 26, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings https://redwoods.instructure.com/calendar?event_id=87341&include_contexts=course_20866	5pm to 6pm
Sun Aug 31, 2025	 Appendix Basic Algebra Review Homework, A.1-A.2 https://redwoods.instructure.com/courses/20866/assignments/485807	due by 11:59pm
	 Appendix Basic Algebra Review Quiz, A.1-A.2	due by 11:59pm














Date	Details	Due
	https://redwoods.instructure.com/courses/20866/assignments/485809	
	 Week 1 : Discussion forum https://redwoods.instructure.com/courses/20866/assignments/485965	due by 11:59pm
Tue Sep 2, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings https://redwoods.instructure.com/calendar?event_id=87342&include_contexts=course_20866	5pm to 6pm
	 Appendix Basic Algebra Review Homework, A.3-6 https://redwoods.instructure.com/courses/20866/assignments/485808	due by 11:59pm
Sun Sep 7, 2025	 Appendix Basic Algebra Review, A.3-A.6 https://redwoods.instructure.com/courses/20866/assignments/485810	due by 11:59pm
	 Week 2 : Discussion forum https://redwoods.instructure.com/courses/20866/assignments/487173	due by 11:59pm
Tue Sep 9, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings https://redwoods.instructure.com/calendar?event_id=87343&include_contexts=course_20866	5pm to 6pm
	 Chapter 1 Homework, 1.1 https://redwoods.instructure.com/courses/20866/assignments/485811	due by 11:59pm
Sun Sep 14, 2025	 Chapter 1 Quiz, 1:1 https://redwoods.instructure.com/courses/20866/assignments/485814	due by 11:59pm
	 Week 4 : Discussion forum https://redwoods.instructure.com/courses/20866/assignments/487174	due by 11:59pm
Tue Sep 16, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings https://redwoods.instructure.com/calendar?event_id=87344&include_contexts=course_20866	5pm to 6pm













Date	Details	Due
Thu Sep 18, 2025	 In class activity 3/6 https://redwoods.instructure.com/courses/20866/assignments/485836	due by 11:59pm
Sun Sep 21, 2025	 Chapter 1 Homework, 1.2-3 https://redwoods.instructure.com/courses/20866/assignments/485812	due by 11:59pm
Sun Sep 21, 2025	 Chapter 1 Quiz, 1.2-1.3 https://redwoods.instructure.com/courses/20866/assignments/485813	due by 11:59pm
Tue Sep 23, 2025	 Week 4 : Discussion forum https://redwoods.instructure.com/calendar?event_id=87345&include_contexts=course_20866	due by 11:59pm
Tue Sep 23, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings https://redwoods.instructure.com/calendar?event_id=87345&include_contexts=course_20866	5pm to 6pm
Sun Sep 28, 2025	 Chapter 2 Homework https://redwoods.instructure.com/courses/20866/assignments/485816	due by 11:59pm
Sun Sep 28, 2025	 Chapter 2 Quiz https://redwoods.instructure.com/courses/20866/assignments/485817	due by 11:59pm
Sun Sep 28, 2025	 Class Feedback #1 https://redwoods.instructure.com/courses/20866/assignments/485806	due by 11:59pm
Tue Sep 30, 2025	 Week 5 : Discussion forum https://redwoods.instructure.com/courses/20866/assignments/487178	due by 11:59pm
Tue Sep 30, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings https://redwoods.instructure.com/calendar?event_id=87346&include_contexts=course_20866	5pm to 6pm
Sun Oct 5, 2025	 Exam 1 https://redwoods.instructure.com/courses/20866/assignments/485912	due by 11:59pm
Sun Oct 5, 2025	 Exam 1 https://redwoods.instructure.com/courses/20866/assignments/485829	due by 11:59pm











Date	Details	Due
Tue Oct 7, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings https://redwoods.instructure.com/calendar?event_id=87347&include_contexts=course_20866	5pm to 6pm
Sun Oct 12, 2025	 Chapter 3 Section 3.1-3.2 Homework https://redwoods.instructure.com/courses/20866/assignments/485818	due by 11:59pm
Sun Oct 12, 2025	 Chapter 3 Section 3.1-3.2 Quiz https://redwoods.instructure.com/courses/20866/assignments/485819	due by 11:59pm
Sun Oct 12, 2025	 Week 7 : Discussion forum https://redwoods.instructure.com/courses/20866/assignments/487724	due by 11:59pm
Tue Oct 14, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings https://redwoods.instructure.com/calendar?event_id=87348&include_contexts=course_20866	5pm to 6pm
Sun Oct 19, 2025	 Chapter 3 Section 3.3-3.4 Homework https://redwoods.instructure.com/courses/20866/assignments/485820	due by 11:59pm
Sun Oct 19, 2025	 Chapter 3 Section 3.3-3.4 Quiz https://redwoods.instructure.com/courses/20866/assignments/485821	due by 11:59pm
Sun Oct 19, 2025	 Week 8 : Discussion forum https://redwoods.instructure.com/courses/20866/assignments/487725	due by 11:59pm
Tue Oct 21, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings https://redwoods.instructure.com/calendar?event_id=87349&include_contexts=course_20866	5pm to 6pm
Wed Oct 22, 2025	 In class activity 4/9 https://redwoods.instructure.com/courses/20866/assignments/485841	due by 11:59pm
Sun Oct 26, 2025	 Chapter 4 Homework https://redwoods.instructure.com/courses/20866/assignments/485822	due by 11:59pm

Date	Details	Due
	 Chapter 4 Quiz https://redwoods.instructure.com/courses/20866/assignments/485823	due by 11:59pm
	 Week 9 : Discussion forum https://redwoods.instructure.com/courses/20866/assignments/487726	due by 11:59pm
Mon Oct 27, 2025	 In class activity 4/14 https://redwoods.instructure.com/courses/20866/assignments/485837	due by 11:59pm
Tue Oct 28, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings https://redwoods.instructure.com/calendar?event_id=87350&include_contexts=course_20866	5pm to 6pm
Wed Oct 29, 2025	 In class activity 4/16 https://redwoods.instructure.com/courses/20866/assignments/485838	due by 11:59pm
	 Chapter 5 Homework https://redwoods.instructure.com/courses/20866/assignments/485824	due by 11:59pm
Sun Nov 2, 2025	 Chapter 5 Quiz https://redwoods.instructure.com/courses/20866/assignments/485825	due by 11:59pm
	 Week 10 : Discussion forum https://redwoods.instructure.com/courses/20866/assignments/487741	due by 11:59pm
Tue Nov 4, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings https://redwoods.instructure.com/calendar?event_id=87351&include_contexts=course_20866	5pm to 6pm
	 Chapter 8.1-8.3 Homework https://redwoods.instructure.com/courses/20866/assignments/485826	due by 11:59pm
Sun Nov 9, 2025	 Chapter 8.1-8.3 Quiz https://redwoods.instructure.com/courses/20866/assignments/485827	due by 11:59pm
	 Week 11 : Discussion forum https://redwoods.instructure.com/courses/20866/assignments/487780	due by 11:59pm



Date	Details	Due
Tue Nov 11, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings (https://redwoods.instructure.com/calendar?event_id=87352&include_contexts=course_20866)	5pm to 6pm
Wed Nov 12, 2025	 In class activity 4/23 (https://redwoods.instructure.com/courses/20866/assignments/485839)	due by 11:59pm
Sun Nov 16, 2025	 Exam 2 (https://redwoods.instructure.com/courses/20866/assignments/485909)	due by 11:59pm
Sun Nov 16, 2025	 Exam 2 (https://redwoods.instructure.com/courses/20866/assignments/485830)	due by 11:59pm
Tue Nov 18, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings (https://redwoods.instructure.com/calendar?event_id=87353&include_contexts=course_20866)	5pm to 6pm
Wed Nov 19, 2025	 In class activity 4/30 (https://redwoods.instructure.com/courses/20866/assignments/485840)	due by 11:59pm
Sun Nov 23, 2025	 Chapter 8.4-8.5 Homework (https://redwoods.instructure.com/courses/20866/assignments/485828)	due by 11:59pm
Sun Nov 23, 2025	 Chapter 8.4-8.5 Quiz (https://redwoods.instructure.com/courses/20866/assignments/488162)	due by 11:59pm
Sun Nov 23, 2025	 Week 13 : Discussion forum (https://redwoods.instructure.com/courses/20866/assignments/488161)	due by 11:59pm
Tue Nov 25, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings (https://redwoods.instructure.com/calendar?event_id=87354&include_contexts=course_20866)	5pm to 6pm



Date	Details	Due
Tue Dec 2, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings (https://redwoods.instructure.com/calendar?event_id=87355&include_contexts=course_20866)	5pm to 6pm
Sun Dec 7, 2025	 Chapter 10 Homework (https://redwoods.instructure.com/courses/20866/assignments/485815)	due by 11:59pm
Sun Dec 7, 2025	 Chapter 10 Quiz (https://redwoods.instructure.com/courses/20866/assignments/485911)	due by 11:59pm
Sun Dec 7, 2025	 Week 14 : Discussion forum (https://redwoods.instructure.com/courses/20866/assignments/488163)	due by 11:59pm
Tue Dec 9, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings (https://redwoods.instructure.com/calendar?event_id=87356&include_contexts=course_20866)	5pm to 6pm
Sun Dec 14, 2025	 Chapter 11 Homework (https://redwoods.instructure.com/courses/20866/assignments/485913)	due by 11:59pm
Sun Dec 14, 2025	 Chapter 11 Quiz (https://redwoods.instructure.com/courses/20866/assignments/485910)	due by 11:59pm
Tue Dec 16, 2025	 BUS-14-V0477 Finite Math for Business and Economics meetings (https://redwoods.instructure.com/calendar?event_id=87357&include_contexts=course_20866)	5pm to 6pm
Thu Dec 18, 2025	 Exam 3 (https://redwoods.instructure.com/courses/20866/assignments/485831)	due by 10:05am
Fri Dec 19, 2025	 Exam 3 (https://redwoods.instructure.com/courses/20866/assignments/485914)	due by 11:59pm
Fri Dec 19, 2025	 Class Feedback #2 (https://redwoods.instructure.com/courses/20866/assignments/485805)	



Date	Details	Due
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 [Roll Call Attendance](https://redwoods.instructure.com/courses/20866/assignments/485842)
(<https://redwoods.instructure.com/courses/20866/assignments/485842>)

