



Edit

Spring 2026 College of the Redwoods

Business 14 Finite Math for Business and Economics



Course Information

Semester & Year: Spring 2026

Course ID & Section #number: BUS-14-E9901-2026S

Instructor's name: Kristen Luke

Day/Time of required meetings: 01/20/2026-05/14/2026, TTH 01:15PM - 02:40PM

Location: LRC 105

Number of proctored exams: 3

Course units: 3

Instructor Contact Information

Office location or Online: HU 108C - it is behind a locked door so just send me a message and I will open it

Office hours: M/W 10:00-11:00 AM and T/Th 3:00-4:00 PM

Phone number: x4366



Email address: Kristen-Luke@redwoods.edu

Please contact me via the Canvas inbox

I will regularly reply within 24 hours. I take more time on the weekends to reply. If you do not hear from me, just send me another message.

Required Material

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

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/P200000006082/9780135988244?](https://www.pearson.com/en-us/subject-catalog/p/finite-mathematics-for-business-economics-life-sciences-and-social-sciences/P200000006082/9780135988244?srsId=AfmBOoonxpvRwcmtPgIMBxvbmfNy4VymAzeXul-IINBKRV3NA4xwwwNe)

[srsId=AfmBOoonxpvRwcmtPgIMBxvbmfNy4VymAzeXul-IINBKRV3NA4xwwwNe](https://www.pearson.com/en-us/subject-catalog/p/finite-mathematics-for-business-economics-life-sciences-and-social-sciences/P200000006082/9780135988244?srsId=AfmBOoonxpvRwcmtPgIMBxvbmfNy4VymAzeXul-IINBKRV3NA4xwwwNe) 

[_](https://www.pearson.com/en-us/subject-catalog/p/finite-mathematics-for-business-economics-life-sciences-and-social-sciences/P200000006082/9780135988244?srsId=AfmBOoonxpvRwcmtPgIMBxvbmfNy4VymAzeXul-IINBKRV3NA4xwwwNe)

[srsId=AfmBOoonxpvRwcmtPgIMBxvbmfNy4VymAzeXul-IINBKRV3NA4xwwwNe](https://www.pearson.com/en-us/subject-catalog/p/finite-mathematics-for-business-economics-life-sciences-and-social-sciences/P200000006082/9780135988244?srsId=AfmBOoonxpvRwcmtPgIMBxvbmfNy4VymAzeXul-IINBKRV3NA4xwwwNe)

To register for MyLab access you will click on the link "Access Pearson in Canvas in the course navigation menu, 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 there. If you need to purchase access you only need the 18 week access option. You only need the e text and MyLab 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 most of the functions you would need for this course. You can use Desmos online calculator for most of your online scientific calculator needs. You can also use it on exams.

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

1. Communicate analytical and/or computational ideas in the context of Business, Economics, or Social Sciences.
2. Apply analytical and/or computational concepts to analyze relationships and make decisions in a business context.
3. Formulate and criticize quantitative arguments in a business context.



Academic Calendar




ENROLLMENT SERVICES CALENDAR

Spring 2026 Semester

Start/End Date: 01/17/26 – 05/15/26		
Description: Spring 2026 (2026S)		
Calendar		
Description	Full Term Classes	Other Than Full Term Classes
Semester Begins	1/17/2026	↓
Last Day to Register for Classes*	1/16/2026	Day before the first class meeting
Last Day to Add a Class**	1/23/2026	Friday of the 1st week of the class
Last Day to Drop & Receive a Refund (Student Services Fees are NOT Refunded)	1/30/2026	Business day before 20% of class
Last Day to Drop w/out a "W" (No Refund)	2/1/2026	Calendar day before 20% of class
Census Date	2/2/2026	20% of Class
Last Day to Petition to Graduate & Petition for Certificate	3/5/2026	First Thursday in March
Last Day for Student/Faculty Withdrawal (No Refund; "W" grade issued)	4/3/2026	62.5% of Class
Final Examinations	05/09/26 – 05/15/26	
Last Day to File P/NP Option	5/15/2026	Last Day of Class
Semester Ends	5/15/2026	Last Day of Class
Grades Due (Instructor Enters via WebAdvisor)	5/22/2026	One Week after Class Ends
Grades Available for Transcript Release ® (Approximate)	5/29/2026	Viewable on WebAdvisor Day After Instructor Enters Grade
Holidays		
Martin Luther King's Birthday	1/19/2026	(All Campuses Closed)
Lincoln's Birthday	2/13/2026	(All Campuses Closed)
President's Day	2/16/2026	(All Campuses Closed)
Spring Break	03/16/26 – 03/20/26	(No Classes)
Cesar Chavez Day	3/31/2026	(All Campuses Closed)
Memorial Day	5/25/2026	(All Campuses Closed)
Notes		
* A student may register for a class via WebAdvisor until the day before the first class meeting.		
** Waitlisted students may add a class via WebAdvisor after the class begins if the instructor has granted the student permission to add the course via WebAdvisor. Permission expires after 5 days. The student must add the course prior to census.		
® Grades Available for Transcript Release provides an approximate date that grades will become available and the Academic Standing Process will be complete. If students need their current semester's grades on their transcript, waiting for grades to be posted will be mailed on or around the Grades Available for Transcript Release date.		

✓ 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  where you left off.

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

Exams (30% of your final score) - We will take these exams in class. I will drop your lowest score of the three exams. You can use your notes and a calculator. I also recommend using Desmos if you find it useful.



Lab Activities (20% of your final score) - I will drop two low score activities. More instructions to follow in class. These activities will only be available to students that attend class and we will work on them in class and hand them in at the end of the class period. Sometimes, we will do these in small groups and other times we will work on them solo.



NO late work is accepted without documented reason ok-ed before the due date.



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).


Prerequisites / Co-requisites / Recommended Preparation

None

Educational Accessibility & 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](https://www.redwoods.edu/services/sass/light.php) , counseling and advising, alternate formats of course materials (e.g. audio books or 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 \(SASS\)](#) 

<https://www.redwoods.edu/services/sass/index.php>.

If you are unsure whether you qualify, please contact SASS for a consultation: SASS@redwoods.edu (<mailto:SASS@redwoods.edu>).

SASS office locations and phone numbers

Eureka campus

- Phone: 707-476-4280,
- Locations: Student Services building, first floor SS113

Del Norte campus

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


Klamath-Trinity campus

- 707-476-4280

Academic Integrity



In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic integrity, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated a lack of academic integrity, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the 2024-2025 College Catalog and CR Board and Administrative Policies.

AI Use Class Policy

Recent advancements in generative artificial intelligence (AI) have made large language models such as ChatGPT and Google's Bard widely available. Sometimes, using these tools appropriately can help us overcome barriers and allow us to focus on deeper learning. However, overuse of these tools can undermine the development of our critical and creative thinking skills. In addition, AI outputs are often unreliable and frequently subject to bias. For these reasons, it is sometimes appropriate and sometimes inappropriate to use generative AI in the completion of assignments or in discussion posts. For this class, please see the specific assignment instructions for guidance on how and when generative AI tools may be used appropriately as we're working on and learning from a particular assignment. Also, please 

in mind that you are responsible for anything you submit; please carefully review all AI-generated outputs, screening them for accuracy, bias, appropriateness, and fidelity to your perspective.

Disruptive Behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process, a disruptive student may be temporarily removed from class. In addition, the student may be reported to the Chief Student Services Officer or designee. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [2024-2025 College Catalog](https://redwoods.elumenapp.com/catalog/2024-2025/home)  (<https://redwoods.elumenapp.com/catalog/2024-2025/home>) and [CR Board and Administrative Policies](https://go.boarddocs.com/ca/redwoods/Board.nsf/Public?open&id=policies)  (<https://go.boarddocs.com/ca/redwoods/Board.nsf/Public?open&id=policies>).





Inclusive Language in the Classroom

College of the Redwoods aspires to create a learning environment in which all people feel comfortable in contributing their perspectives to classroom discussions. It therefore encourages instructors and students to use language that is inclusive and respectful.















[Student Services Information](https://redwoods.instructure.com/courses/21744/pages/student-services-information)

<https://redwoods.instructure.com/courses/21744/pages/student-services-information>














Course Summary:

Date	Details	Due
Sun Oct 5, 2025	 Exam 1 (https://redwoods.instructure.com/courses/21744/assignments/512668)	due by 11:59pm
Sun Nov 16, 2025	 Exam 2 (https://redwoods.instructure.com/courses/21744/assignments/512671)	due by 11:59pm
Fri Dec 19, 2025	 Exam 3 (https://redwoods.instructure.com/courses/21744/assignments/512673)	due by 11:59pm
Wed Jan 14, 2026	 In class activity 2/5 - Worksheet (https://redwoods.instructure.com/courses/21744/assignments/512677)	due by 11:59pm

















Date	Details	Due
Tue Jan 20, 2026	 In class activity 1/20 - Questionnaire (https://redwoods.instructure.com/courses/21744/assignments/512674)	due by 11:59pm
Wed Jan 21, 2026	 In class activity 2/12 - Worksheet (https://redwoods.instructure.com/courses/21744/assignments/512676)	due by 11:59pm
Thu Jan 22, 2026	 In class activity 1/22 - Worksheet (https://redwoods.instructure.com/courses/21744/assignments/512675)	due by 11:59pm
Sun Jan 25, 2026	 Appendix Basic Algebra Review Homework, A.1-A.2 (https://redwoods.instructure.com/courses/21744/assignments/512642)	due by 11:59pm
	 Appendix Basic Algebra Review Quiz, A.1-A.2 (https://redwoods.instructure.com/courses/21744/assignments/512644)	due by 11:59pm
Sun Feb 1, 2026	 Week 1 : Discussion forum (https://redwoods.instructure.com/courses/21744/assignments/512641)	due by 11:59pm
	 Appendix Basic Algebra Review Homework, A.3-A.6 (https://redwoods.instructure.com/courses/21744/assignments/512643)	due by 11:59pm
Sun Feb 1, 2026	 Appendix Basic Algebra Review Quiz, A.3-A.6 (https://redwoods.instructure.com/courses/21744/assignments/512645)	due by 11:59pm
	 Week 2 : Discussion forum (https://redwoods.instructure.com/courses/21744/assignments/512640)	due by 11:59pm
Sun Feb 8, 2026	 Chapter 1 Homework, 1.1-1.3 (https://redwoods.instructure.com/courses/21744/assignments/512647)	due by 11:59pm
	 Chapter 1 Quiz, 1.1-1.3 (https://redwoods.instructure.com/courses/21744/assignments/512648)	due by 11:59pm
Sun Feb 8, 2026	 Week 4 : Discussion forum (https://redwoods.instructure.com/courses/21744/assignments/512639)	due by 11:59pm
	 	

















Date	Details	Due
Thu Feb 12, 2026	 In class activity 3/6 https://redwoods.instructure.com/courses/21744/assignments/512678	due by 11:59pm
	 Chapter 2.1-2.3 Homework https://redwoods.instructure.com/courses/21744/assignments/512654	due by 11:59pm
Sun Feb 15, 2026	 Chapter 2.1-2.3 Quiz https://redwoods.instructure.com/courses/21744/assignments/512655	due by 11:59pm
	 Week 4 : Discussion forum https://redwoods.instructure.com/courses/21744/assignments/512638	due by 11:59pm
	 Chapter 2.4-2.6 Homework https://redwoods.instructure.com/courses/21744/assignments/518246	due by 11:59pm
	 Chapter 2.4-2.6 Quiz https://redwoods.instructure.com/courses/21744/assignments/518245	due by 11:59pm
Sun Feb 22, 2026	 Class Feedback #1 https://redwoods.instructure.com/courses/21744/assignments/512629	due by 11:59pm
	 Week 5 : Discussion forum https://redwoods.instructure.com/courses/21744/assignments/512637	due by 11:59pm
Sun Mar 1, 2026	 Exam 1 https://redwoods.instructure.com/courses/21744/assignments/512669	due by 11:59pm
	 Chapter 3 Section 3.1-3.2 Homework https://redwoods.instructure.com/courses/21744/assignments/512656	due by 11:59pm
Sun Mar 8, 2026	 Chapter 3 Section 3.1-3.2 Quiz https://redwoods.instructure.com/courses/21744/assignments/512657	due by 11:59pm
	 Week 7 : Discussion forum https://redwoods.instructure.com/courses/21744/assignments/512636	due by 11:59pm
Sun Mar 15, 2026	 Chapter 3 Section 3.3-3.4 Homework https://redwoods.instructure.com/courses/21744/assignments/512658	due by 11:59pm




Date	Details	Due
	 Chapter 3 Section 3.3-3.4 Quiz https://redwoods.instructure.com/courses/21744/assignments/512659	due by 11:59pm
	 Week 8 : Discussion forum https://redwoods.instructure.com/courses/21744/assignments/512635	due by 11:59pm
Wed Mar 18, 2026	 In class activity 4/9 https://redwoods.instructure.com/courses/21744/assignments/512683	due by 11:59pm
	 Chapter 4.1-4.3 Homework https://redwoods.instructure.com/courses/21744/assignments/512660	due by 11:59pm
Sun Mar 29, 2026	 Chapter 4.1-4.3 Quiz https://redwoods.instructure.com/courses/21744/assignments/512661	due by 11:59pm
	 Class Feedback #2 https://redwoods.instructure.com/courses/21744/assignments/512628	due by 11:59pm
Mon Mar 30, 2026	 In class activity 4/14 https://redwoods.instructure.com/courses/21744/assignments/512679	due by 11:59pm
Tue Mar 31, 2026	 Week 9 : Discussion forum https://redwoods.instructure.com/courses/21744/assignments/512634	due by 11:59pm
Wed Apr 1, 2026	 In class activity 4/16 https://redwoods.instructure.com/courses/21744/assignments/512680	due by 11:59pm
	 Chapter 4.4-4.7 Homework https://redwoods.instructure.com/courses/21744/assignments/518350	due by 11:59pm
Sun Apr 5, 2026	 Chapter 4.4-4.7 Quiz https://redwoods.instructure.com/courses/21744/assignments/518349	due by 11:59pm
	 Week 10 : Discussion forum https://redwoods.instructure.com/courses/21744/assignments/512633	due by 11:59pm
Sun Apr 12, 2026	 Chapter 5 Homework https://redwoods.instructure.com/courses/21744/assignments/518448	due by 11:59pm
	 Chapter 5 Quiz https://redwoods.instructure.com/courses/21744/assignments/518444	due by 11:59pm



Date	Details	Due
	 Week 11 : Discussion forum (https://redwoods.instructure.com/courses/21744/assignments/512632)	due by 11:59pm
Wed Apr 15, 2026	 In class activity 4/23 (https://redwoods.instructure.com/courses/21744/assignments/512681)	due by 11:59pm
	 Chapter 6 Homework (https://redwoods.instructure.com/courses/21744/assignments/518351)	due by 11:59pm
Sun Apr 19, 2026	 Chapter 6 Quiz (https://redwoods.instructure.com/courses/21744/assignments/518352)	due by 11:59pm
	 Exam 2 (https://redwoods.instructure.com/courses/21744/assignments/512670)	due by 11:59pm
Wed Apr 22, 2026	 In class activity 4/30 (https://redwoods.instructure.com/courses/21744/assignments/512682)	due by 11:59pm
	 Chapter 8.1-8.3 Homework (https://redwoods.instructure.com/courses/21744/assignments/518450)	due by 11:59pm
Sun Apr 26, 2026	 Chapter 8.1-8.3 Quiz (https://redwoods.instructure.com/courses/21744/assignments/518449)	due by 11:59pm
	 Week 13 : Discussion forum (https://redwoods.instructure.com/courses/21744/assignments/512631)	due by 11:59pm
	 Chapter 8.4-8.5 Homework (https://redwoods.instructure.com/courses/21744/assignments/518452)	due by 11:59pm
Sun May 3, 2026	 Chapter 8.4-8.5 Quiz (https://redwoods.instructure.com/courses/21744/assignments/518451)	due by 11:59pm
	 Chapter 10 Homework (https://redwoods.instructure.com/courses/21744/assignments/512650)	due by 11:59pm
Sun May 10, 2026	 Chapter 10 Quiz (https://redwoods.instructure.com/courses/21744/assignments/512651)	due by 11:59pm
	 Week 14 : Discussion forum (https://redwoods.instructure.com/courses/21744/assignments/512630)	due by 11:59pm



Date	Details	Due
Thu May 21, 2026	 Exam 3 (https://redwoods.instructure.com/courses/21744/assignments/512672)	due by 10:05am

