

Course Syllabus

 Edit

Business 14 Finite Math for Business and Economics

Course Information

Semester & Year: Fall 2024

Course ID and Section number: Bus 14 E7432

Instructor's name: Kristen Luke

Day and time of required meetings: M,W 1005-1130 AM

Location: Humanities 210

Number of proctored 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

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

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, bipolar disorder, and ADHD
- 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
- A learning disability (such as dyslexia, reading comprehension), intellectual disability, autism, or acquired brain injury
- Vision, hearing, or mobility challenges

Available services include extended test time, quiet testing environments, tutoring, counseling and advising, alternate formats of materials (such as audio books or E-texts), assistive technology, on-campus transportation, and more. If you believe you might benefit from disability- or health-related services and


2/8

- Fax and voicemail: 707-237-2318

Wellness Central

Resources, tools, and trainings regarding health, mental health, wellness, basic needs and more designed for California community college students, faculty and staff are available on the California Community Colleges [Wellness Central](https://cvc.edu/wellness/)  (<https://cvc.edu/wellness/>).

Counseling

[Counseling and Advising](https://www.redwoods.edu/counseling/)  (<https://www.redwoods.edu/counseling/>) can assist students in need of academic advising and professional counseling services. Call, email or stop by one of our offices to make an appointment

Counseling and Advising office locations and contact info

Eureka campus

- Phone: 707-476-4150
- Location: Student Services Building, first floor
- Email: counseling@redwood.edu (<mailto:counseling@redwood.edu>)
- Hours: Monday through Friday, 9am to 4pm. Summer hours may vary



Del Norte campus

- Phone: 707-476-2300
- Location: Main Building, next to the library
- Hours: Summer hours may vary

Klamath-Trinity campus

- Phone: 530-625-4821
- Email: KT-staff@redwoods.edu (<mailto:KT-staff@redwoods.edu>)
- Hours: Summer hours may vary

Basic Needs Center

[The Basic Needs Center](https://www.redwoods.edu/student-services/Home/Basic-Needs)  (<https://www.redwoods.edu/student-services/Home/Basic-Needs>) provides for the health and safety of students by providing access to healthy food, financial resources, and referrals to safe and secure housing. [Submit a request for services and information](https://cm.maxient.com/reportingform.php?Redwoods&layout_id=8)  (https://cm.maxient.com/reportingform.php?Redwoods&layout_id=8).


Basic Needs Center contact info

- Phone: 707-476-4153
- Email: the-grove@redwoods.edu (<mailto:the-grove@redwoods.edu>)


Learning Resource Center

The Learning Resource Center includes the following resources for students:


Library Services

[Library Services](https://www.redwoods.edu/library)  (<https://www.redwoods.edu/library>) promotes information literacy and provides organized information resources.

Multicultural and Equity Center (MCE)

The [Multicultural and Equity Center](https://www.redwoods.edu/student-services/Home/Multicultural-and-Diversity-Center)  (<https://www.redwoods.edu/student-services/Home/Multicultural-and-Diversity-Center>) is a dynamic and inclusive place that supports all students in their academic and personal journeys at the college. We do this by creating community, home away from home, and a safe place for cultural expression, cross-cultural learning, access to college and dignity resources, and social justice work opportunities. The MEC is committed to retention and student success by offering activities related to leadership development, student connectedness and student equity. We are a student-centered program that fosters respect for all people.

Academic Support Center

The [Academic Support Center](https://nam12.safelinks.protection.outlook.com/?url=https://www.redwoods.edu/asc/&data=05%257C01%257CAmber-Atkins@Redwoods.edu%257Cbcfe068f8aca4941dde408daee9eaea9%257C8c90edff0a7243a795683eb28b3c8f82%257C0%257C0%257C638084662554822741%257C)  (<https://nam12.safelinks.protection.outlook.com/?url=https://www.redwoods.edu/asc/&data=05%257C01%257CAmber-Atkins@Redwoods.edu%257Cbcfe068f8aca4941dde408daee9eaea9%257C8c90edff0a7243a795683eb28b3c8f82%257C0%257C0%257C638084662554822741%257C>) offers tutoring and test proctoring for CR students.

Student Tech Help

[Student Tech Help](https://www.redwoods.edu/sts)  (<https://www.redwoods.edu/sts>) provides students with assistance around a variety of tech problems.

Extended Opportunity Programs and Services (EOPS)

Extended Opportunity Programs and Services [EOPS](https://www.redwoods.edu/student-services/Home/EOPS) provides services to eligible income disadvantaged students including: textbook awards, grants, career academic and personal counseling, transportation assistance, tutoring, laptop, calculator and textbook loans, priority registration, graduation cap and gown, workshops, and more!

TRiO Student Success Program

The TRiO Student Support Services Program provides eligible students with a variety of services including academic advising, career assessments, assistance with transfer, and peer mentoring. Students can apply for the program with the **Eureka TRiO office** [Eureka TRiO office](https://www.redwoods.edu/trio/eureka) or the **Del Norte TRiO office** [Del Norte TRiO office](https://www.redwoods.edu/delnorte/TRiO).

Veterans Resource Center

The **Veteran's Resource Center** supports and facilitates academic success for Active Duty Military, Veterans and Dependents attending CR through relational advising, mentorship, transitional assistance, and coordination of military and Veteran-specific resources.

CalWORKS

California Work Opportunity & Responsibility to Kids (**CalWORKs**) provides supportive services to student parents with children under the age of 18, who are receiving cash assistance (TANF benefits), to become self-sufficient. Services include: transportation assistance, basic student supplies, tutoring, priority registration, laptop and calculator loans, career, academic, and personal counseling, and more!

Textbook, Course Materials and MyLab information

Please obtain the text and MyLab access via the following ISBN: 9780135988244

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.

Evaluation & Grading Policy

Homework (15% of your final score) - We will have homework in MyLab. The homework is meant as a review of the material. It is due before class starts the week after we are working on that material. You have unlimited attempts and can pick up where you left off.

Quizzes (20% of your final score) - I will drop your 2 lowest scores. The quizzes are in MyLab and they are timed. You only have 3 attempts and you cannot pick up where you left off, you need to start over.

Exams (30% of your final score) - I will drop your lowest score. These will be in class. You can use your notes. They will be multiple choice but since it is a math class expect to bring a calculator and scratch paper to the exam as well.

In class activities (35% of your final score) - I will drop two low score activities - We will have weekly group activities. I will pair or group students to work together. All group work will be handed in, one copy, and graded.

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

Important Dates

Date	To Remember
August 23	Last day to register for classes (day before the first class meeting)
August 24	Classes begin

August 30	Last day to add a class
September 2	Labor Day Holiday (district wide closure)
September 6	Last Day to Drop & Receive a Refund
September 8	Last Day to Drop w/out a "W"
September 9	Census Date (20% of class)
October 31	Last Day to Petition to Graduate & Petition for Certificate
November 1	Last Day for Student/Faculty Withdrawal
November 11	Veteran's Day Holiday (District Wide Closure)
November 25-26	Fall Break (No Classes)
November 27-29	Thanksgiving Holiday (District Wide Closure)
December 14-20	Final Examinations
December 20	Last Day to File P/NP Option
December 20	Semester Ends
December 27	Grades Due
January 3	Grades Available for Transcript Release




Academic dishonesty

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, 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 academic dishonesty, 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](#) ) (<https://go.boarddocs.com/ca/redwoods/Board.nsf/goto?open&id=C9RVCG801790>) 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 [2023-2024](#)  (<https://redwoods.elumenapp.com/catalog/2023-2024/home>) [College Catalog](#)  (<https://www.redwoods.edu/catalog>) and [CR Board and Administrative Policies](#)  (<https://go.boarddocs.com/ca/redwoods/Board.nsf/Public?open&id=policies>).

AI Use Class Policy

There is no official CR policy on AI use.

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 [2023-2024](#)  (<https://redwoods.elumenapp.com/catalog/2023-2024/home>) [College Catalog](#)  (<https://www.redwoods.edu/catalog>) and [CR Board and Administrative 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.

Canvas Information

- Log into Canvas at [My CR Portal](https://myapps.microsoft.com/) [↗](https://myapps.microsoft.com/) [\(https://myapps.microsoft.com/\)](https://myapps.microsoft.com/)
- For help logging in to Canvas and general tech help, visit [Student Technical Support](https://www.redwoods.edu/admissions/Admissions-Home/Forms) [↗](https://www.redwoods.edu/admissions/Admissions-Home/Forms) [\(https://www.redwoods.edu/admissions/Admissions-Home/Forms\)](https://www.redwoods.edu/admissions/Admissions-Home/Forms)
- Once you're logged in to Canvas, you click on the Help icon on the left menu
- Canvas online orientation workshop: [Canvas Student Orientation Course](https://redwoods.instructure.com/courses/6781) [\(https://redwoods.instructure.com/courses/6781\)](https://redwoods.instructure.com/courses/6781)

Setting Your Preferred Name and Pronouns in Canvas

Students have the ability to display personal pronouns and an alternate first name in Canvas. Students may change their pronouns on their own in Canvas (Account :: Settings :: Edit Settings). To request a change to your preferred list name, contact [Admissions & Records](https://www.redwoods.edu/admissions/Admissions-Home/Forms) [↗](https://www.redwoods.edu/admissions/Admissions-Home/Forms) [\(https://www.redwoods.edu/admissions/Admissions-Home/Forms\)](https://www.redwoods.edu/admissions/Admissions-Home/Forms). Your Preferred Name will only be listed in Canvas; this does not change your legal name in our records. See the [Student Information Update Form \(pdf\)](https://www.redwoods.edu/Portals/28/A.R.Forms.Docs/Miscellaneous/Student%2520Information%2520Update.pdf) [↗](https://www.redwoods.edu/Portals/28/A.R.Forms.Docs/Miscellaneous/Student%2520Information%2520Update.pdf) [\(https://www.redwoods.edu/Portals/28/A.R.Forms.Docs/Miscellaneous/Student%2520Information%2520Update.pdf\)](https://www.redwoods.edu/Portals/28/A.R.Forms.Docs/Miscellaneous/Student%2520Information%2520Update.pdf).

Emergency Procedures / Everbridge

College of the Redwoods has implemented an emergency alert system called Everbridge. In the event of an emergency on campus you will receive an alert through your personal email and/or phones. Registration is not necessary in order to receive emergency alerts. Check to make sure your contact information is up-to-date by logging into [WebAdvisor](https://webadvisor.redwoods.edu/) [↗](https://webadvisor.redwoods.edu/) [\(https://webadvisor.redwoods.edu/\)](https://webadvisor.redwoods.edu/) and selecting 'Students' then 'Academic Profile' then 'Current Information Update'.

Please contact Public Safety at 707-476-4112 or security@redwoods.edu [\(mailto:security@redwoods.edu\)](mailto:security@redwoods.edu) if you have any questions. For more information visit [Redwoods Public Safety](https://www.redwoods.edu/publicsafety) [↗](https://www.redwoods.edu/publicsafety) [\(https://www.redwoods.edu/publicsafety\)](https://www.redwoods.edu/publicsafety)

In an emergency that requires an evacuation of the building anywhere in the District:

- Be aware of all marked exits from your area and building
- Once outside, move to the nearest evacuation point outside your building
- Keep streets and walkways clear for emergency vehicles and personnel

Do not leave campus, unless it has been deemed safe by the campus authorities.

To learn more about campus-specific Emergency Procedures, click on a title bar below, or click the down arrow to expand them all.

Del Norte Campus Emergency Procedures

Please review the [Crescent City campus emergency map](https://www.redwoods.edu/Portals/70/pdfs/DN%2520CampusSafetyMap_010819-2.pdf) [↗](https://www.redwoods.edu/Portals/70/pdfs/DN%2520CampusSafetyMap_010819-2.pdf) [\(https://www.redwoods.edu/Portals/70/pdfs/DN%2520CampusSafetyMap_010819-2.pdf\)](https://www.redwoods.edu/Portals/70/pdfs/DN%2520CampusSafetyMap_010819-2.pdf) for campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). For more information, visit [Redwoods Public Safety](https://www.redwoods.edu/publicsafety) [↗](https://www.redwoods.edu/publicsafety) [\(https://www.redwoods.edu/publicsafety\)](https://www.redwoods.edu/publicsafety)

Klamath-Trinity Campus Emergency Procedures

Please review the responsibilities of, and procedures used by, the College of the Redwoods, Klamath Trinity Instructional Site (KTIS) to communicate to faculty, staff, students and the general public during an emergency. It is the responsibility of College of the Redwoods, Klamath-Trinity Instructional Site (KTIS) to protect life and property from the effects of emergency situations within its own jurisdiction.

In the event of an emergency, communication shall be the responsibility of the district employees on scene:

1. Dial 911, to notify local agency support such as law enforcement or fire services.
2. If safe to do so, notify key administrators, departments, and personnel.
3. If safe to do so, personnel shall relay threat information, warnings, to ensure the school community is notified.
4. Contact 530-625-4821 to notify of situation.
5. Contact Hoopa Tribal Education Administration office 530-625-4413
6. Notify Public Safety 707-476-4111.









In the event of an emergency, the responsible district employee on the scene will:

1. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet.
2. Lock all doors and turn off lights if in lockdown due to an active shooter or similar emergency.
3. Close all window curtains.

4. Get all inside to safe location Kitchen area is best internal location.
5. If a police officer or higher official arrives, they will assume command.
6. Wait until notice of all is clear before unlocking doors.
7. If safe to do so, move to the nearest evacuation point outside building (Pooky's Park), directly behind the Hoopa Tribal Education Building.
8. Do not leave site, unless it has been deemed safe by the person in command.

Course Summary:

Date	Details	Due
Sun Sep 1, 2024	 Appendix Basic Algebra Review Homework (https://redwoods.instructure.com/courses/18916/assignments/433197)	due by 11:59pm
	 Appendix Basic Algebra Review Quiz (https://redwoods.instructure.com/courses/18916/assignments/433202)	due by 11:59pm
Sun Sep 8, 2024	 Chapter 1 Homework (https://redwoods.instructure.com/courses/18916/assignments/433208)	due by 11:59pm
	 Chapter 1 Quiz (https://redwoods.instructure.com/courses/18916/assignments/433193)	due by 11:59pm
Sun Sep 15, 2024	 Chapter 2 Homework (https://redwoods.instructure.com/courses/18916/assignments/433213)	due by 11:59pm
	 Chapter 2 Quiz (https://redwoods.instructure.com/courses/18916/assignments/433200)	due by 11:59pm
Sun Sep 22, 2024	 Chapter 3 Homework (https://redwoods.instructure.com/courses/18916/assignments/433201)	due by 11:59pm
	 Chapter 3 Quiz (https://redwoods.instructure.com/courses/18916/assignments/433209)	due by 11:59pm
Sun Sep 29, 2024	 Chapter 4 Homework (https://redwoods.instructure.com/courses/18916/assignments/433196)	due by 11:59pm
	 Chapter 4 Quiz (https://redwoods.instructure.com/courses/18916/assignments/433211)	due by 11:59pm
Sun Oct 13, 2024	 Chapter 5 Homework (https://redwoods.instructure.com/courses/18916/assignments/433195)	due by 11:59pm
	 Chapter 5 Quiz (https://redwoods.instructure.com/courses/18916/assignments/433205)	due by 11:59pm
Sun Oct 20, 2024	 Chapter 6 Homework (https://redwoods.instructure.com/courses/18916/assignments/433212)	due by 11:59pm
	 Chapter 6 Quiz (https://redwoods.instructure.com/courses/18916/assignments/433192)	due by 11:59pm
Sun Oct 27, 2024	 Chapter 7 Homework (https://redwoods.instructure.com/courses/18916/assignments/433204)	due by 11:59pm
	 Chapter 7 Quiz (https://redwoods.instructure.com/courses/18916/assignments/433191)	due by 11:59pm
Sun Nov 3, 2024	 Chapter 8 Homework (https://redwoods.instructure.com/courses/18916/assignments/433203)	due by 11:59pm
	 Chapter 8 Quiz (https://redwoods.instructure.com/courses/18916/assignments/433194)	due by 11:59pm

Date	Details	Due
Sun Nov 10, 2024	 Chapter 9 Homework (https://redwoods.instructure.com/courses/18916/assignments/433207)	due by 11:59pm
	 Chapter 9 Quiz (https://redwoods.instructure.com/courses/18916/assignments/433206)	due by 11:59pm
Sun Nov 24, 2024	 Chapter 10 Homework (https://redwoods.instructure.com/courses/18916/assignments/433198)	due by 11:59pm
	 Chapter 10 Quiz (https://redwoods.instructure.com/courses/18916/assignments/433210)	due by 11:59pm
Sun Dec 8, 2024	 Chapter 11 Homework (https://redwoods.instructure.com/courses/18916/assignments/433199)	due by 11:59pm
	 Chapter 11 Quiz (https://redwoods.instructure.com/courses/18916/assignments/433214)	due by 11:59pm
	 Class Feedback #1 (https://redwoods.instructure.com/courses/18916/assignments/433251)	
	 Class Feedback #2 (https://redwoods.instructure.com/courses/18916/assignments/433252)	