

Mathematics 1090-02
Business Algebra (3 credits)
Spring 2014

Description: In this course, we will cover “functions and graphs, polynomial and rational functions, matrices, Gaussian elimination, exponential and logarithmic functions, growth, periodic and continuously compounded interest, arithmetic and geometric series, annuities and loans.”

Prerequisite: At least a C grade in Math1010.

Course Objectives: At the end of this class, students should be able to

- find associated equations using the above course topics from word problems
- have proficiency manipulating and solving equations using the above course topics
- have improved quantitative reasoning skills
- have a better sense of the prevalence of math in every day life

Instructor: Jennifer Kenkel

Class Time and Place: 8:35 a.m. - 9:25 a.m.
Mondays, Wednesdays and Fridays in AEB 350

Office Hours:

- Wednesdays right after class (9:35ish to 10:35)
- Wednesdays at 12pm
- Thursdays at 4pm (or e-mail me!)

Office Location: LCB 4th floor (the side with the cubicles)

E-mail address: kenkel@math.utah.edu

Website: <http://www.math.utah.edu/~kenkel>

Text: Business Algebra, 2nd edition, by MacArthur

ISBN-10: 0757591662 ISBN-13: 978-0757591662

The textbook for this class is an e-book and must be purchased at:

<http://www.kendallhunt.com/macarthur/>

Calculators: You may use any calculator you'd like for the homework in this class. For exams, you may use a scientific calculator, but not graphing or programmable calculators. Cell phones and laptops during exams will absolutely not be tolerated, and will be considered cheating.

Grading: The grades will be calculated as follows:

Weekly Homework: 30%

Midterm 1: 20%

Midterm 2: 20%

Final Exam: 30%

In addition, there will be an extra credit opportunity in the form of a relevant exercise at the beginning of class every Friday. The extra-credit can account for at most an extra 5% added to your grade.

Exams:

Midterm 1	February 12 in class
Midterm 2	April 4th in class
Final Exam	Tuesday, April 23rd, 3:30 - 5:30 pm

You **MUST** be in attendance for the final exam. There will not be any exceptions made for flights home or misunderstandings.

There will be 2 in-class midterms. If your score on the final exam is higher than your lowest midterm score, your lowest midterm score will be replaced with your score on the final exam.

Homework: You will have weekly homework assignments, assigned each Monday, that will be due the following Monday. All assignments will be graded out of 10. I will have the grader choose 5 questions to grade *thoroughly* and the other 5 points will be awarded for completion. If you do not show work on a graded problem that is unreasonable for you to have done in your head, you will not receive credit for this problem. Homework that is late for any reason will be given half credit. This includes late homeworks due to illness, misunderstanding, travelling, sleeping in, etc.

You may discuss homework assignments with other students, but you must write your solutions yourself. If you are unsure as to whether or not something qualifies as cheating, *do not do it*. Remember that letting someone else cheat off of you still qualifies as cheating.

Grading Scale: The grade scale will be the usual:

A (93-100), A- (90-92), B+ (87-89), B (83-86), B- (80-82), C+ (77-79), C (73-76), C- (70-72), D+ (67-69), D (63-66), D- (60-62), F (0-59).

I reserve the right to curve grades at the end of the semester, but it will only be in your favor (that is, if you receive an 85 percent, you will get a B *or better*).

Canvas: I will be posting your grades on Canvas. Let me know if you notice any discrepancies as soon as possible, and I will be happy to fix them.

Please make sure that you have clicked the button in Canvas so that it treats ungraded assignments as 0s so that there are no misunderstandings about your grade.

Exam Policies:

- There will be no retakes of exams, and exam corrections cannot be used to improve scores.
- You may take an alternate exam if you talk to me about it first and explain the extenuating circumstances that make it necessary. Needing to work, oversleeping, or needing more time to study are not acceptable reasons. It is your responsibility to communicate with me as soon as is possible, before the exam occurs (or as soon as possible, in very serious cases).
- If you have questions about any exam grade, or you want to appeal the grading of the exam, you must bring it to me within one week of getting your exam back. After that, grades are set.

Electronics Policies:

- Typing mathematics in real time is difficult. For this reason, I do not recommend you use a laptop in class. If you do decide to use a computer in class, please be respectful of your fellow students. While you may feel *you* can still succeed while browsing the internet, those around you may not.
- Please do not use your phone in class. It is a distraction to you, other students, and myself. If you have an emergency, go out into the hall and take the call. I reserve the right to ask you to leave if I find your phone/laptop use distracting.

Cheating: If you cheat on any homework, project, quiz or exam, I will automatically give you a zero for that grade. Depending on the severity of the cheating, I may decide to fail you from the class. In all cases of cheating, I will also report the incident to the Dean of Students. Additionally, if an international student cheats, I will also report the incident to the International Students Office.

Other Resources

ADA Statement: The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 581-5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations. All information in this course can be made available in alternative format with prior notification to the Center for Disability Services. (www.hr.utah.edu/ceo/ada/guide/faculty/)

Tutoring Lab:

I recommend the **free** tutoring lab. The lab has tables for working, and you can flag over a tutor whenever you struggle with a problem. It's a great resource for those both struggling a lot and for those who may only have small questions. T. Benny Rushing Mathematics Student Center (adjacent to JWB & LCB on President's Circle)

Rm 155 (in the basement)

M - Th 8 a.m. - 8 p.m.

F 8 a.m. 6 p.m.

(opens second week of classes) (closed Saturdays, Sundays and holidays)

They are also offering group tutoring sessions. If you're interested, inquire at the Tutoring Lab.

Private Tutoring: University Tutoring Services, 330 SSB (they offer inexpensive tutoring) There is also a list of tutors at the Math Department office in JWB233.