

College Algebra
Math 1050 Section 1, Fall 2012

Kevin Wortman

Mondays, Wednesdays, Thursdays, and Fridays 9:40-10:30 am;
WEB L104 (MWF) and HEB 2008 (H).

Course Goals: To improve mathematical reasoning, and to prepare for future math learning in calculus, linear algebra, and discrete mathematics.

Topics to be covered include numbers, functions, sequences, series, counting problems, graphs of functions, inverse functions, polynomials, rational functions, n -th roots, exponential functions, logarithms, piecewise defined functions, matrices, and matrix equations.

Text: “A Streamlined course on the fundamentals of precalculus” by Kevin Wortman. Available at <http://www.math.utah.edu/~wortman/1050/>

Office hours: Mondays, Wednesdays, and Fridays following lectures and until 11:30 am. Office: JWB 325. email: wortman1050@gmail.com

Calculators are not required for this course, are not needed for homework, and will not be allowed for exams.

Homework is to be completed on WeBWork. It is due every Wednesday at 4am (a.k.a. late Tuesday night) — except for Wednesday, August 22; Wednesday, October 10 (Fall Break). An assignment will also be due on Friday, December 7 at midnight. No late homework is allowed.

It is expected that you receive a perfect score on homeworks throughout the semester.

Important dates: Class will meet every Monday, Wednesday, Thursday, and Friday, from Monday, August 20 to Friday, December 7 with following exceptions:

- No class on Monday, September 3 (Labor Day)
- No class Monday, October 8 through Friday, October 12 (Fall Break)
- No class Thursday, November 22 or Friday, November 23 (Thanksgiving)

Brendan Kelly will guest lecture the week of November 26-30.

Midterm Exams: Friday, September 21; Friday, October 26; and Friday, November 16.

Final Exam: Tuesday, December 11, 8:00am-10:00am in WEB L104

Grades

Numerical semester scores will be determined using the following formula:

22% homework, 18% each midterm exam, 24% final exam

Your lowest midterm score will be replaced by your score on the final exam, or you will receive a 2% bonus to your semester grade (whichever results in the highest grade).

Semester letter grades will be converted from numerical semester scores (N) as follows:

- $100 \geq N \geq 91$: A
- $91 > N \geq 87$: A-
- $87 > N \geq 84$: B+
- $84 > N \geq 81$: B
- $81 > N \geq 77$: B-
- $77 > N \geq 74$: C+
- $74 > N \geq 71$: C
- $71 > N \geq 67$: C-
- $67 > N \geq 64$: D+
- $64 > N \geq 61$: D
- $61 > N \geq 57$: D-
- $57 > N$: E

There will be no extra credit, partial credit, rounding up, or makeup exams.

External class resources

Mathematics Tutoring Center: Drop in, sit down, and if you have a question, someone will come by who can help you. There are also study areas free of tutors, a computer lab, group study rooms available through reservations, and group tutoring sessions that can be arranged to meet at a regular time. Located on 1st Floor of JWB or LCB. Open 8am-8pm MTWH; 8am-6pm F.

Supplemental Instruction lead by Drew Ellingson, math1050si@gmail.com

ASUU Tutoring Center at 330 SSB can arrange for private tutors at a reasonable rate.