

Instructor:  
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## Fall 2021 – MATH 1200 – College Algebra

Sections 100-125

Course Description: College Algebra covers introductory topics in algebra and functions at the college level. College Algebra differs from precalculus in that it does not cover trigonometry.

Digest of Course Outcomes: The successful student will be able to:

1. simplify and rearrange expressions using the rules arithmetic and order of operations
2. work with variables to write equations and inequalities.
3. solve equations involving absolute values, roots, powers, exponents and logarithms.
4. interpret sets and graphs in the Cartesian plane.
5. graph functions involving absolute values, roots, powers, exponents and logarithms.
6. work with interval notation.

Live-Stream Lectures: I will be live-streaming on Teams MWF from 11:50am–12:45pm. The stream will be recorded and posted on our Math 1200 Teams channel. Teams records the attendance for me automatically.

Textbook: Your ALEKS subscription comes with an E-book. The book is Miller and Gerken College Algebra, 2nd Edition, from McGraw Hill. ISBN 978-1-259-57046-9.

Reading: It is your prime responsibility to read the textbook in a manner that keeps pace with the detailed weekly schedule presented in this syllabus. Reading really is still a thing, and it is a skill that requires practice to maintain.

In Class: You will meet face to face with your TA once a week on Tuesday's. This meeting is mandatory. In class you will either be taking an individual proctored exam, or you will be engaging in graded in class activities. According to university policy all students and teachers are required to wear a mask. Your TA will create a seating chart and ask you to sit in the same seat each class period.

Exams: The weeks marked with an asterisk in the detailed weekly schedule below indicate weeks with an in class, individual, proctored exam. The final exam date, time and location will be announced as soon as it is determined. This course has a cumulative, proctored, combined final exam.

ALEKS: is a learning management system. Our curriculum is laid out in 14 objectives. One for each week. Each objective contains a variable number of topics. Your topic due dates are split into two due dates per week so that you don't leave them all till the last minute. The minimum basic expectation is that you invest 5 hours per week working topic problems in ALEKS. You will be graded on your weekly progress and the fraction of the total topics that you master by the end of the semester. To master a topic you must learn it in your objective and subsequently be able to answer correctly on a knowledge check. Knowledge checks are scheduled every other week.

Calculators: One of the goals of this course is to ensure that you can perform algebraic manipulation of expressions and equations without the use of a calculator. Calculators will not be allowed on hourly exams, the final exam, and any graded in class activities.

Blackboard: This syllabus, and resources can be found on Blackboard (BB). I will provide a grade book, as a courtesy, through BB. Your TA and I will often communicate with you through BB.

### Earning and Distribution of Points

Component	Points
In class	$8 \times 25 = 200$
Exam	$6 \times 100 = 500$
ALEKS	$1 \times 500 = 500$
Final	$1 \times 200 = 200$
Total Points	1400

Final Grade: Your final grade is based on the percentage of the total points you have earned out of a possible total of 1400. A 90% guarantees you at least an A-, 80% a B-, 70% a C-, and 60% a D-. I reserve the right to modify any part of the grading scheme described based on exigent or unforeseen circumstance(s).

Academic Dishonesty: Please do not cheat, for however trite, the person that you cheat is yourself. If you are honest and straightforward with yourself and with me I can always help you to achieve your goals and to improve your grade. For a detailed description of the official policy please click here [OCS](#). Misrepresenting work, that is not solely yours, as your own, regardless of source, will result in a zero on the work in question and will be reported to the office of community standards.

Make-Ups: Proof of accident or illness is required. Official OU absences for sporting events, ROTC, or other must be reported at least one week prior to requesting a make-up exam.

Accommodation: If you suspect that you need an accommodation please contact the Office of Student Accessibility Services. If you have an accommodation in place with the Office of Student Accessibility Services, you must provide me a copy before I can implement them.

Supplemental Instruction: OU offers SI sessions for Math1200. SI is an excellent way to improve your skills/grade. SI is not for test prep. To get the most from SI it is important to attend regularly. Please attend SI.

Office Hours: Helping you to master the material is the best part of my job. I encourage you in the strongest possible terms to take advantage of my time to help improve your performance. Please email me at [boczko@ohio.edu](mailto:boczko@ohio.edu) with your questions or to set up a meeting in teams.

## Fall 2021 Weekly Schedule

Week of	Monday	Wednesday	Friday	SI
Aug 23rd	R1	R1	R2	R1-R2
Aug 30th	R3	R3	R4	R3-R4,
*Sep 6th	NC	R4/R5	R5	R5
Sep 13th	R6	1.1	1.2	R6, 1.1
*Sep 20th	1.2	1.3	1.4	1.2 -1.4
Sept 27th	1.5	1.6	NC	1.5-1.6
*Oct 4th	1.7	2.1	2.2	1.7, 2.1-2.2
Oct 11th	2.3	2.4	2.5	2.3-2.5
*Oct 18th	2.6	2.7	2.8	2.6-2.8
Oct 25th	3.1	3.2	3.3	3.1-3.3
*Nov 1st	3.4	3.4/3.5	3.5	3.4-3.5
Nov 8th	3.6	3.7	4.1	3.6, 3.7
*Nov 15th	4.1	4.2	4.3	4.1-4.3
**Nov 22nd	4.3	NC	NC	NC
Nov 29th	4.4	4.5	4.6	4.4-4.6

The SI column is to indicate the weekly goals covered in SI that week. Weeks with an (\*) asterisk indicate a proctored in class exam on that Tuesday. Weeks with a double asterisk (\*\*) indicate a bonus opportunity that Tuesday.