

MATH 111I – College Algebra – Fall 2017

Instructor: Joseph C Foster

CRN: 10353

Class Meeting Room & Time: LeConte 112, MW 4:40-5:30, TR 4:25-5:40

Email: josephcf@math.sc.edu

Office: 104A

Office Hours: T 5:40-7:00, F 11:00-1:00

COURSE DESCRIPTION AND OBJECTIVES

Learning Outcomes: Upon successful completion of the course, students should be able to:

- Recall basic mathematical terms related to linear, quadratic, exponential and logarithmic functions and express these terms in correct context.
- Apply the methods of algebra to solve applications involving intercepts, rates of change, inequalities, systems of equations and interest growth.
- Verbally interpret relationships in data given as graphs, tables and equations and express functions given in verbal context as a graph, table or equation.

MATERIALS

- **Online Materials:** Blackboard: Here I shall post lecture notes, handouts, homework assignments and solutions, and more.
- **Textbook:** College Algebra: Concepts and Contexts; First Edition, Stewart, Redlin, Watson, Panman. Note: WebAssign is NOT required
- **Calculator:** Calculators will not be required, and as such will not be allowed on exams.

COURSE POLICIES AND EXPECTATIONS

Attendance: You are expected to attend EVERY class and also arrive on time. Daily quizzes will be given so missing class will have an effect on your final grade. Anybody missing 4 or more classes, without reason, may be subject to a grade penalty.

Participation: You are STRONGLY encouraged to participate during class. This includes both asking and answering questions. If something is not clear, ASK A QUESTION. I am here to help you learn, something I cannot do if you do not communicate with me. If a question is asked during class, ANSWER. Also remember that 'I'm not sure' is a perfectly acceptable answer for reasons already stated.

Classroom Rules: During class meetings you will treat both your fellow classmates and myself with respect. This includes, but is not limited to; not talking while others are talking, being cooperative during group tasks and listening when others contribute to the class.

Electronic Devices: You may use your laptops during class to take notes only. If you are seen on your laptop on anything not pertaining to the class you will be asked to put your laptop away. Mobile phones should be on silent and placed in your pocket on bag. No phones on desks. If you are asked to put something away and refuse, an immediate 5% will be deducted from your final grade. Class time is a valuable resource, I will not waste any arguing.

Exam Rules: During exams you are required to place all electronic devices, including smart watches, into your bags or out of reach. Headwear such as hats and hoods must be removed during exams, unless you have a religious reason as to why they cannot be removed. Calculators are not allowed.

Academic Integrity: I expect you to familiarise yourself with the Honour Code found in the current student handbook. Keep in mind that "Any student who violates this Honour Code or who knowingly assists another to violate this Honour Code shall be subject to discipline.

Students with Disabilities: If you require additional accommodations due to disabilities, you MUST register with the Office of Student Disability Services (LC112A). You must also talk to me as soon as possible near the start of the semester.

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Studying: It is expected as a MINIMUM that you match every hour we spend in class with an hour of independent study. Note that this really is a lower bound. The more time you spend the better. It will not be enough to simply attend lectures and attempt to regurgitate what you see on the board. Collaboration with your fellow classmates is strongly encouraged. You are not expected to learn everything by yourself. Maths is difficult, talking about it is one of the best ways you can digest it.

Late Policy: Late homework will be subject to a 30% grade penalty if submitted before class on the Monday immediately following the due date. After this late homework will not be accepted as solutions will be made available on this day for students to study with. If you cannot make it to class you may scan and email me a copy of your homework. Do not send me pictures of the homework taken with your phone.

Make-Up Policy: Exams can be made up ONLY in the case of an emergency, and ONLY if you request a make-up exam BEFORE the scheduled time. It is your responsibility to contact me within a reasonable time to request a make-up exam.”

ASSIGNMENTS

Mini-quizzes: We will have a closed book mini-quiz at the start of every class meeting. You will be given approximately five minutes to answer a short question based on the material covered in the previous class. These will range from recalling a definition, a true or false question, or a simple calculation. It is important you arrive on time to take this quiz.

Quizzes: There will be three in-class quizzes, roughly lasting 30 minutes, in between exams (See schedule for details). These quizzes will be designed to test your current understanding of the material so that you can identify areas which you need to work on.

Homework: There will be ten weekly homework assignments, except weeks when there is a midterm, generally due Thursdays. Each will of questions that will help you prepare for the exams.

Midterms: There will be three in-class midterm exams, given in class. Each will be based on material covered from the class after the previous midterm until the class before the midterm.

Final Exam: The final exam will be cumulative and be given on Tuesday December 12th, 4pm.

EVALUATION

Mini-quizzes.....	6%
Quizzes	6%
Homework	15%
Midterm 1.....	16%
Midterm 2.....	16%
Midterm 3.....	16%
Final Exam.....	25%

Final Grades will use the following scale:

A	B+	B	C+	C	D+	D	F
100-90%	89-86%	85-80%	79-76%	75-70%	69-66%	65-60%	59% and below

SUPPORT:

- My Office Hours – MTWR ..., LeConte 104A
- FREE TUTORING In LC 105 – Schedule posted on door.
- Student Success Centre – Offers FREE tutoring and FREE 1 on 1 ONLINE tutoring. (<http://www.sa.sc.edu/ssc/>)

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CALENDAR

Important Dates:

- August 30, 2017 Last day for students to DROP without a grade of “W”.
- October 16, 2017 Last day for students to DROP or withdraw without a grade of “WF”.
- Final Exam is Tuesday December 12th at 4pm.
- ***Schedule is tentative and subject to change***

		Monday	Tuesday	Wednesday	Thursday
Week Beginning	21-Aug	No Classes			
	28-Aug			Last Day to drop without a “W”	
	04-Sep	No Class			HW 1 Due
	11-Sep				HW 2 Due; Quiz 1
	18-Sep				HW 3 Due
	25-Sep				Midterm 1
	02-Oct				HW 4 Due
	09-Oct				HW 5 Due; Quiz 2
	16-Oct	Last day to drop without a “WF”			No Class
	23-Oct				Midterm 2
	30-Oct				HW 6 Due
	06-Nov				HW 7 Due; Quiz 3
	13-Nov				HW 8 Due
	20-Nov			No Classes	
	27-Nov	HW 9 Due			Midterm 3
	04-Dec				HW 10 Due
11-Dec	No Class	Final Exam 4pm	No Classes		