

Math 114 Intermediate Algebra

MTWTh 5:30 pm – 7:45 pm

Summer 2024

Online

OFFICE HOURS: 4:55 pm – 5:25 pm M - Th

INSTRUCTOR: Victor Legge

CONTACT INFO: leggevictor@fhda.edu

PREREQUISITE: No prerequisite but recommended: A passing grade in Math 212 or equivalent.

TEXTBOOK: Blitzer, Intermediate Algebra for College Students, 7th edition

MATERIALS: You are required to have a basic scientific calculator, graph paper, a 3 ring binder, binder paper, pencils and a ruler for this class.

ATTENDANCE: Classes begin promptly. Attendance will be taken for each session. Each class is divided into 2 sessions. Attendance is mandatory and you are expected to be on time and to attend all sessions unless you are ill or have a real emergency. **YOU ARE ALLOWED TO HAVE 2 UNEXCUSED SESSION ABSENCES AFTER WHICH YOU MAY BE DROPPED FROM THE CLASS. PLEASE NOTE THAT 3 UNEXCUSED TARDIES EQUALS ONE UNEXCUSED ABSENCE.** Whether you are dropped or not after exceeding 2 unexcused absences depends on your grade. Students with poor attendance and low grades will be dropped from the class very quickly. If you think your absence or tardy should be excused please tell me, otherwise I shall assume that it is unexcused. If you have 16 total absences (excused or unexcused) and it is before the W drop deadline you will automatically be dropped from the class.

DROPPING: A student is responsible for dropping him/herself. Please do not assume that I will drop you from the class just because you have stopped attending. By not taking responsibility for dropping or withdrawing yourself, your “no grade” may become a W or an F or your W may become an F. If you have not been attending class for a while and still plan to attend please inform me by email or phone. Otherwise you may be dropped from the class. Students who have not been dropped and who do not show up for the final exam will receive an F in the course unless there are extreme extenuating circumstances.

CLASSROOM I like my classes to be lively and energetic. I also like students to participate. If you have a question about math during lecture time then either ask it in class right then or write down your question and get it resolved for yourself later.

- HOMEWORK:** Homework is assigned every day. It will be due in by 2 pm the next day. Homework is late if it is turned in at 2:01 pm or later. Late homework gets zero points. There are 21 homeworks. Only the best 16 will count towards your grade so missing some or being late on some will not affect your grade. Homework has a maximum of 20 points. 10 points is for completeness. This means if you do over $\frac{3}{4}$ of the problems you will get 10 points. If you do $\frac{1}{2}$ to $\frac{3}{4}$ you will get 5 points. If you do less than $\frac{1}{2}$ you will get zero points. 10 points out of the 20 total for the homework will be given for accuracy. This means that two questions will be selected at random and graded. Homework will be graded by 4:00 pm. Please make sure to look at your graded homework before class. If you have questions come to office hours before class. Each student will get two "Get Out of Jail Free" cards They can use these cards for late homework and I will grade them as if they were on time. They cannot be used for midterms.
- MIDTERMS:** There will be two 1 hour midterms. Each midterm is worth a maximum of 200 points. It is very important that you take the midterms. Missing a midterm for any reason will mean that you will score the same on the midterm as you do on the final as a percentage unless midterm 1 is the missed midterm (see below). If you do better on the final than you do on any of the midterms then the percent score for the final will replace the percent score for your lowest midterm. Students who turn in the same wrong answers with the same working out will probably get zero.
- RETAKES AND MAKE-UPS:** There are no retakes or make-ups of midterms or quizzes, under ANY circumstances, EVER!! If you are ill and miss the final then you must show documentation that you were ill and then you will be issued with an incomplete for the class. The final then has to be made up within one year. Besides illness the only acceptable reason for missing the final is a REAL emergency. By a real emergency I mean an unforeseen event that could not have been avoided. Examples include a funeral being scheduled at the same time as the final. Please note that difficult life circumstances do not constitute an emergency.
- REVIEWS:** If time allows there will be a review for midterms. This will involve test taking tips as well as a mathematics review. Just because a question is being reviewed does not mean it will be on the test. It is possible but highly unlikely that all questions reviewed on the review will not be on the test.
- FINAL EXAM:** There will be a comprehensive final given on the last day of instruction. You cannot take the final early under ANY circumstances. Do not ask. The final is worth a maximum of 400 points. **YOU MUST ATTEND THE FINAL.** If you know that you cannot attend the final due to a prior commitment then you should not take this class. Missing the final without a valid reason (see the last section – Retakes and Make-ups) will result in an F in the class.
The final will be given on the last day of instruction, Thursday August 8th, and will take the entire class time. It is imperative that you be on time for the finals.

COURSE GRADE: There will be 21 homeworks, two midterms, and a comprehensive Final Exam. Points are assigned as follows:

Best 16 Homeworks	320 pts
Two Midterms	400 pts
Final Exam	400 pts
Total points – maximum	1120 pts approx

Letter grades are assigned as follows:

90.0% and over	A
88.0% to 89.9%	A-
86.0% to 87.9%	B+
82.0% to 85.9%	B
80.0% to 81.9%	B-
78.0% to 79.9%	C+
70.0% to 77.9%	C
68.0% to 69.9%	D+
55.0% to 67.9%	D
0% to 54.9%	F

ASKING FOR HELP DURING TESTS:

It is my policy not to give you help during a test of any kind. A test is designed to discover what you know without help. Giving one student individual help during a test would be unfair to other students. The only 2 valid questions to ask the instructor during a test is “This question seems unclear to me. Could you please check it?” and “This question seems to be impossible. Could you please check it?”

Students for whom English is not their primary language should know that I will not help in any way on tests to explain what words, sentences or any piece of text means. Please note that all students can bring a non-electronic dictionary to a test.

If a student has a question during a test my response will be either “I am sorry but I cannot help you,” OR “the question is clear,” OR in the case that there is something wrong with the test I will write on the board what needs to be changed on the test.

ACADEMIC DISHONESTY:

Looking at someone else’s exam, helping another student during an exam, talking to anyone except the lecturer during an exam or using an external source of information for which you were not explicitly given permission may result in my dropping you or an F grade in the course. To reiterate, communicating to another student during a test, for any reason, may be considered to be academic dishonesty and may result in you losing points, or being reported to the authorities.

DISABLED STUDENTS: Students who are disabled and qualify for special help by law should take

advantage of what is entitled to them. Please see me or tell me EARLY in the class if you are one of these students so that I can do everything in my power to give you the assistance you deserve. In getting your initial accommodations for your disability please think carefully about what you need. Requests for accommodations or requests for changes to your accommodations in the middle or near the end of a quarter will not get an enthusiastic reception from me.

COURSE GRADES: Grades for the course can only be changed in the event of a clerical error. It is not legal for me to change the grade for any other reason. If you require your grade quickly after the final please send me an email within 3 days of the final and I will give you your grade on the final within 5 days of the final. If you send me an email more than 3 days after the final I will get you your grade within 48 hours.

TEACHER ABSENCE: Please note that if and when I am absent the general policy is not to provide a substitute teacher to cover for the class unless the absence is over one day. Usually, but this does not always happen, a note is posted on the door of the room informing students that class is cancelled for that day. In the event of this happening it is the student's responsibility to study the material that was scheduled for that day. It is also recommended that you study the material for next week's class as well, in advance. This is because when I return from the absence I will cover the material that was missed and the current material in one week. In other words I will be going quicker!!! If I am absent for an extended period of time a substitute will be provided. Please check your email just before coming to class. If I am going to be absent an email will be sent to you.

CONTRACT: One purpose of this greensheet is to provide you with the guiding principles of the class and another is to make sure that you have answers to any questions that might arise. Please put this sheet in a safe place where you can easily refer to it. Make sure you read all of it before you ask me any questions about the course. It is also a contract between you, the student, and myself, the instructor of record. Make sure you understand its contents fully especially the parts that pertain to testing and the computation of your grade because so long as you remain enrolled in the course you are, like everyone else, implicitly agreeing to abide by these terms.

● SCHEDULE FOR MATH 114

KEY:

* INDICATES THAT A MIDTERM IS SCHEDULED FOR THIS DAY.

** MEANS DROP OR WITHDRAW DEADLINES

● **DAY** **CLASS**

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● **Week 1 of class**

1.(7/1) Policies and Schedule, 1.6, 1.7

2. 4.3

● 3. 5.6

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●

● **Week 2 of class**

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● 4.(7/8) 6.1, 6.2

● ****LAST DAY TO ADD CLASSES**

● 5. 6.3

1

6. 6.4, Review

7.* 6.6,
Midterm 1

●

●

●

● **Week 3 of class**

8.(7/15) 6.7

7.2

9. 7.1, 7.2

10. 7.3

13

11 7.4

Week 4 of class

12.(7/22) 7.5

7.2

13. 7.6

14. 9.1, 9.2, Review

15.* 9.3,
Midterm 2

●

●Week 5 of class

16. (7/29) 9.4

17. 9.5

2318. 9.6

24****LAST DAY FOR DROPS**

25

19. 10.1, 11.1

●Week 6 of class

20.(8/5) 11.2

21. 11.3

22. Review

23.* **Final**

Student Learning Outcome(s):

- Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
- Analyze, interpret, and communicate results of exponential, logarithmic, and rational models in a logical manner from four points of view - visual, formula, numerical, and written.

Office Hours:

M,T,W,TH 04:55 PM 05:25 PM Zoom