

Course Syllabus: Summer 2021
College Algebra
Math 1330 – OL1 (3 hours of credit)

Instructor: Dr. Ron Smith
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Office Hours: I do not have office hours during the summer. However, I will be checking my email often. If you have any questions, then please email me and I will try to respond as soon as I can to your questions. If we need to have a conversation, then we will use either Zoom or a phone call.

Math 1330. COLLEGE ALGEBRA. (3) Fall, Spring. Rapid review of elementary algebra, quadratic and higher order polynomial functions and graphs, roots, exponents, radicals, inequalities, logarithms, ratio and proportion, variation, and complex numbers.

Required Texts: *MyMathLab* by Pearson. This is available through Canvas as HU Direct Access.

MyMathLab: This software includes an electronic text book. If you need the course number when you register for this course, it is: **smith21042**.

Prerequisites: UNIV 1050 with a “C” or higher or a score of 22 or higher on the Math ACT; or 540 or higher on the Math SAT; or a score of 263 and above on the ACCUPLACER Next-Generation Quantitative Reasoning Algebra & Statistics placement test.

Course Times: This is an online course. There are deadlines that must be met (see schedule at the end of this syllabus). We will not be meeting in person or at any regular time.

Course Objectives

1. Students will be able to reduce rational expressions and functions.
2. Students will be able to create and evaluate the graphs of rational functions.
3. Students will be able to analyze rational functions in order to identify the important characteristics of the graph of those functions.
4. Students will be able to evaluate radical expressions.
5. Students will be able to analyze a radical expression in order to reduce that expression when necessary.
6. Students will be able to evaluate expressions and functions involving rational exponents.
7. Students will be able to compare and contrast expressions and functions involving rational exponents and radicals.
8. Students will be able to evaluate quadratic equations, functions and inequalities.
9. Students will be able to analyze a quadratic function in order to identify important characteristics that will aid them in graphing those quadratic functions.
10. Students will become be able to employ strategies for identifying zero values of polynomial functions.
11. Students will be to evaluate what techniques are needed to graph polynomial functions.
12. Students will be able to analyze polynomial functions in order to identify the important characteristics of that function’s graph.
13. Students will be able to evaluate exponential functions.

14. Students will be able to compare various exponential functions in order to determine what is similar.
15. Students will be able to evaluate logarithmic functions.
16. Students will be able to analyze logarithmic functions that have different characteristics.

Course Grades for Math 1330: There will be 5 tests. There is a grade for homework that will be calculated by the average of your homework grades in Pearson. There will be a Quiz category that will be the average of your quiz grades done on Pearson. The grades will consist of the following:

Homework	100 points
Tests	500 points (100 points per test)
Quizzes	100 points

The grading scale for the course will be as follows:

$90 \leq \text{grade} \leq 100$ - A	$80 \leq \text{grade} < 90$ - B
$70 \leq \text{grade} < 80$ - C	$60 \leq \text{grade} < 70$ - D
$\text{grade} < 60$ - F	

Attendance Policy for Math 1330: Since this is an online course, attendance will be viewed as time spent on assignments, lessons, quizzes and tests. If you are not making an attempt to keep up with the assignments as they are listed on the schedule at the end of this syllabus, then you may be dropped from the class or assigned a grade of WF.

Math 1330 Tests: The tests will be available in the Pearson software. You will have only **ONE** attempt on each test and 75 minutes for each test. Be sure that you have sufficient time to finish the test before you start. You also need to make sure that you have completed the homework for that unit before you attempt the test since you cannot leave the test and then go back to it. **Note:** The tests are available on the day that they are to be taken. You have the flexibility to take it anytime during that day.

Behavior: Remember that this is a college course. Therefore, you are expected to act and behave in a manner that is respectful to the instructor and to other students. If you fail to behave properly, then you will be asked to leave class for the remainder of the day. Improper behavior includes, but is not limited to excessive talking, texting, using technology inappropriately, falling asleep, etc. That day will count as an unexcused absence for any student who is asked to leave class. Further disruptions will result in further action up to removal from class.

Students with Disabilities: It is the policy for Harding University to accommodate students with disabilities, pursuant to federal and state law. Therefore, any student with a *documented disability* condition (e.g. physical, learning, or psychological) who needs to arrange reasonable accommodations must contact the instructor and the Disabilities Office at the *beginning* of each semester. (If the diagnosis of the disability occurs during the academic year, the student must self--identify with the Disabilities Office *as soon as possible* in order to get academic accommodations in place for the remainder of the semester.) The Disabilities Office is located in **Room 205** in the **Student Center**, telephone, (501) 279 – 4019.

Honesty and Integrity: As a servant of Jesus Christ, it is my goal to be honest with all people, and this includes every student in this class. It is the responsibility of each of us as servants of Christ to be honest in all aspects of our lives. I ask that you pledge to be honest in all of your work for this course.

Academic dishonesty will result in penalties up to and including dismissal from the class with a failing grade and will be reported to the Assistant Vice President for Academic Affairs. All instances of dishonesty will be handled according to the procedures delineated in the Harding University catalog.

Assessment: Harding University, since its charter in 1924, has been strongly committed to providing the best resources and environment for the teaching-learning process. The board, administration, faculty, and staff are wholeheartedly committed to full compliance with all criteria of the Higher Learning Commission. The university values continuous, rigorous assessment at every level for its potential to improve student learning and achievement and for its centrality in fulfilling the stated mission of Harding. Thus, a comprehensive assessment program has been developed that includes both the Academic units and the Administrative and Educational Support (AES) units. Specifically, all academic units will be assessed in reference to the following Expanded Statement of Institutional Purpose: **The University provides programs that enable students to acquire essential knowledge, skills, and dispositions in their academic disciplines for successful careers, advanced studies, and servant leadership.**

Time Management Expectations: For every class hour, the typical student should expect to spend at least two clock hours a week of problem solving, reading, reviewing, organizing notes, preparing for coming exams/quizzes and other activities that enhance learning.

Undergraduate Dress Code: All members of the Harding community are expected to maintain standards of modesty and decency in dress appropriate to the Christian lifestyle and consistent with professional employment expectations. For these reasons, students are expected to adhere to an established dress code. Additional standards of dress may be required by certain academic or extracurricular programs.

Schedule: On the next page is the course schedule for this semester. Please note that **all dates, tests and assignments are tentative and are subject to change** as the instructors deems necessary. Any changes will be announced in sufficient time prior to any deadlines. NOTE: Many of the assignments will be given online through MyMathLab.

Date	Assignment	Turn In
7/5	Review	
	6.1	
7/6	6.2	
7/7	6.3, 6.4	
7/8	6.5	Math 151 Quiz 1
7/9	Test	
7/12	7.1	
	7.2	151 Test 1
7/13	7.3	
7/14	7.4	
	7.5	
7/15	7.6	Math 151 Quiz 2
	7.7	
7/16	Test	
	8.1	
7/19	8.2	
	8.3	
7/20	8.4, 8.5	Math 151 Quiz 3
7/21	9.1, 9.2	
7/22	Test, 11.1	
7/23	11.2	
	11.3	151 Test 2
7/26	11.4, 10.1	
7/27	Test, 10.2	Math 151 Quiz4
7/28	10.3	
7/29	10.4	
7/30	test	151 Test 3