Math 1320 011, Summer 02: Course outline

Prerequisites

To be enrolled in this course you must have met at least one of the prerequisites:

- ACT math score of 22 or more.
- Placed into College Algebra by the Math Placement Test.
- Passed Math 0980 (Intermediate Algebra).

If you have not met at least one of these prerequisites then you should see your advisor immediately to enroll in a different class.

Text, syllabus, exams

Our text is *College Algebra*, 5th edition, by Ron Larson and Robert Hostetler. After a brief review of prerequisite material (sections P.1–P.5) we will cover Equations and Inequalities (1.1–1.8), Functions and Their Graphs (2.1–2.6), Polynomial Functions (3.1–3.4), Rational Functions (4.1–4.3), and Exponential and Logarithmic Functions (5.1–5.4). We will have 5 exams. The questions for each exam will be taken directly from the homework assignments and quiz problems. Altho I will change the numbers and algebraic expressions in those question, I will not change the questions themselves.

Date	**Sections**	**Value**
Tue, 21 May	P.1–P.5	50 points
Mon, 3 June	1.1–1.8	100 points
Tue, 11 June	2.1–2.6	100 points
Thu, 20 June	3.1–3.4, 4.1–4.3	100 points
Thu, 27 June	5.1–5.4	50 points

Note that the first exam is scheduled for the second day of class! It is a review exam: if you have met the prerequisites for this class then you should have no problem with this exam. If you have difficulty with this review exam then you should reconsider taking this course during a compressed summer semester.

Worksheets, quizzes, homework

Most days I will post a worksheet on the web. You should print the worksheet and bring it to class. We will work on these problems in class. I will not collect the worksheets for grade, but at the end of each worksheet I will list exercises from the text that will be due at the start of the next class. I will grade 2 of these problems, chosen at random. Thus each homework assignment is worth 2 points. Also, once each week I will make a 2-point quiz by choosing 2 problems from the worksheets from that week.

To receive credit on these problems you must do more than give the right answer, you must show sufficient justification. If you do not show your work then you will get 0 credit. You must write complete sentences. Above all you must be neat. When you turn in your homework fold your papers lengthwise and write on the **outside** your **name** and **student number**, the **assignment number** and **due date**, and finally **Math 1320 Summer 02**.

Grades, attendance

Your grades will be determined by the percentage t of total points earned, using the following scale:

$$\begin{array}{ll} \text{A:} & 90\% \leq t < 100\% \\ \text{B:} & 80\% \leq t < 90\% \\ \text{C:} & 70\% \leq t < 80\% \\ \text{D:} & 60\% \leq t < 70\% \end{array}$$

If you want me to post your scores on the web, disguised under a nickname, put your name, email address, and nickname on a 3×5 card.

Experience shows that students with poor attendance earn poor grades — usually they fail. You must make every effort to attend every class. I do not give make-up quizzes nor accept late homework under any circumstances. If you miss a class then you miss the 2 points for the quiz or assignment that day. If you only miss once or twice, for a legitimate documented reason such as illness or death in the family, then the missed points will not affect your final grade. If you miss more often than that or if you do not have a legitimate reason for your absence then your final grade will almost certainly suffer. If you do not believe that you can attend this class every day then you should save yourself considerable risk of failure and drop this class immediately.