

Math 1420 – 007 Syllabus Fall 2015

Class meets in Dunn Hall 351

The textbook is

Using and Understanding mathematics:

FIFTH CUSTOM EDITION FOR THE UNIVERSITY OF MEMPHIS

Warning: there are many similar text books with very similar names. These include

Using and understanding mathematics: *fourth edition* and

Using and understanding mathematics: *fifth edition* ;

among others. These books are **wrong and totally useless for the course**. You must have the book with the exact title as above! The main point is that the proper book comes with an “Access Code” that you can use to access the online content for this course. If you don't get this you will not be able to get any credit for the homework, which would be very bad.

Instructor:

Julian Sahasrabudhe

jdshsrbd@memphis.edu

You may request to meet by email or in person. I prefer to simply meet after class.

Grading:

Homework 10

In class tests 45

Final 45

Course description:

This course includes material on basic concepts of algebra, set theory, graphs, functions, counting methods, basic probability, and basic statistical reasoning.

Course Objectives:

The goal of this course is to provide students with the most basic mathematics that is required in understanding down-to-earth real world situations.

Supplementary Learning Resources:

Math Learning Center DH 143. Free Tutoring is available.

Email: All correspondence will be made through your University of Memphis email account. Check your email regularly for information on the course. Also ensure that your inbox is not so full that new messages will not get through.

Tests: There will be four or five (depending on our progress) in-class tests. You must bring your University of Memphis ID. You *may* use a calculator that is *only a calculator* – i.e. No calculators on phones, tablets, or similar. Tests must be taken in class and there will be no make-up tests. I will drop the worst test score at the end of the year.

Homework : Doing the homework carefully and thoroughly is absolutely essential to this course. Problems will be assigned online for the students to work on outside of class. I am well aware there are a multitude of ways for the student to cheat on homework and hence I have made it only a small proportion of the grade. The students are greatly encouraged to work honestly on the problems and struggle with them until they can do them. *It is better to do fewer problems honestly than cheat and learn nothing.*

I will also drop the worst homework grade.

Final Exam: Will cover all topics given in the course. There will be no make-ups for the final exam.