Spring 2015: MATH 111

Instructor: Chandrashekhar Khare (MS 6159)
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Class times and classroom: MWF 11 – 11:50 am in MS 5117.

Office hours: MWF 1 pm – 2 pm

Textbook: We will use the (very reasonably priced!) book by Underwood Dudley *Elementary Number Theory*, Dover, 2nd edition. Elementary number theory by Underwood Dudley is available as an ebook (3 simultaneous users) at [http://catalog.library.ucla.edu/vwebv/holdingsInfo?bibId=7798334](http://catalog.library.ucla.edu/vwebv/holdingsInfo?bibId=7798334). We will also use the notes by Gordan Savin on “Numbers, Groups and Cryptography” available online (see link on homepage of course).

Prerequisites: The courses 110A or 117, and 115A are essential prerequisites. For a general description of the course please consult [https://www.math.ucla.edu/ugrad/courses/math/111](https://www.math.ucla.edu/ugrad/courses/math/111).

TA: The TA for the course is John Yu. His e-mail is jxyu@ucla.edu. His office is MS 3915E, and his discussion section will be on Tuesdays at 11 – 11:50 am in MS 5127. His office hours will be Tuesday, 12 pm – 1 pm. He will maintain a web-page for the course: [http://www.math.ucla.edu/~jyu/Math111.html](http://www.math.ucla.edu/~jyu/Math111.html)

Grading:

Homework will be assigned on Wednesdays and due in class on the following Wednesday. Homework will be 20 % of your final grade, and the lowest two homework scores will be dropped. There will be an in-class midterm on Friday, April 29th, that will count for 30 % of your grade and a comprehensive final exam that will count for 50 % of your grade.

• Final Exam: Tuesday, June 7th 2015, 11: 30 AM – 2: 30 PM.

As a policy, there will be no make-up exams, so please make sure that you are able to take all the exams. The two lowest homework scores will be dropped.