

AMSI 2013: MEASURE THEORY

INFORMATION FOR MARTY

PLEASE HAND BACK TO ME AT THE END OF THE LECTURE

(Note, you may still not be sure which course(s) you want to take for credit, or to sit in on. So, feel free to answer "I dunno" where appropriate).

YOUR NAME:

How do I contact you?

(Phone, email (**please print clearly!!**), whatever: please include methods suitable for the time at the summer school, AND for when the summer school is over.)

What is your home institution?

Are you about to begin honours, or are you doing a Masters or PhD?

Who/What is your supervisor/project (if you know them)?

Are you enrolled in the subject? (i.e. have you indicated to the organisers that you'd be taking the subject?)

Are you planning on taking the subject for credit? (i.e. are you planning on receiving a grade for the subject, to officially count for Honours or similar?)

Why are you considering the subject?

What analysis-type courses have you previously completed/attended?

What measure theory have you seen previously?

(Of course, “None” is the presumed and perfectly acceptable answer).

How familiar are you with the material in Handout 0?

(Again, don’t panic if much of it is unfamiliar: we’ll cover the background as need be).

How friendly are you with epsilons and deltas?

Are you more interested in a general introduction to measure theory, or in specific advanced topics?

Is there any particular topic you hope we will cover?

Suppose $f : [a, b] \rightarrow \mathbb{R}$ is continuous. What is your favorite theorem about f ?

Can you prove this theorem? Do your best in the space below.