MTWRF Period 3 (11:00-12:15) LIT 237

T 12:30-13:45 R 09:30-10:45 (or by appointment)

D.J. Velleman, 'How To Prove It' (Second Edition)

We shall cover selected topics from the adopted text in three parts: the first part covers Chapters 1 and 2 in their entirety; the central part covers a variety of proof techniques from Chapter 3; and the last part covers applications to topics drawn from the rest of the text. The development of critical reading and writing skills is an important aim of the course, at least as important as the acquisition of factual information.

There will be three equally-weighted in-class tests, one towards the end of each even week, according to the schedule posted below. Homework problems (see the developing list below) will be assigned and discussed but will not contribute towards the grade, which will be assigned on the basis of performance in tests according to the following scale: A 90%, B 80%, C 70%, D 60%, with 3% increments above/below for plus/minus grades. Make-up tests will be offered in case of illness and other standard documented reasons. For additional information on policies and related matters, please see the pdf file "Policies plus" at the Files page.

1) Friday, July 7
2) Friday, July 21
3) Thursday, August 3

1.1: 3, 4, 5, 6, 7bc
1.2: 3, 4, 6, 7bc, 8, 12, 14, 17, 18
1.3: 2, 6, 7, 8
1.4: 2, 5, 7, 8, 9, 12 (*not* by Venn diagram)
1.5: 2, 5, 6, 7, 9, 10
2.1: 1, 2, 3, 5, 6
2.2: 2, 7, 8, 11, 12
2.3: 2ab, 4, 5, 10, 11, 12b, 14
3.1: 5, 6, 8
3.2: 2, 3, 4, 5, 12
3.3: 2, 3, 9, 10, 17
3.4: 2, 4, 5, 21
3.5: 2, 4, 5, 8, 22, 27

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