

[Home](#)[Schedule](#)[Links](#)[Blog](#)[Files](#)[Analysis Seminar](#)[MAA 6406 \(Section 1B44\)](#)**→ MHF 3202 (Section 2787)****Related Links**

- › [CLAS IT](#)
- › [College of Liberal Arts and Sciences](#)
- › [Department of Mathematics](#)
- › [University of Florida](#)

## MHF 3202 (Section 2787)

**Time and Location**

MWF Period 6 (12:50-13:40) LIT 219

**Office hours**

TBA

**Text**

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

**Topics**

We shall cover selected topics from the adopted text, as follows: Chapters 1 and 2 will be covered in their entirety during the first three weeks or so; during the next three weeks or so, we will sample the proof techniques contained in Chapter 3; finally, the topics to be addressed in the remainder of the semester be drawn (in order) from Chapters 4, 5 and 7, with some closing discussion of mathematical induction from Chapter 6. The development of critical skills and proof techniques is an especially important aim of the course, at least as important as the acquisition of set-theoretic facts.

**Policies**

There will be four equally-weighted in-class tests at intervals of three or four weeks; testing dates will be listed below during the first week of semester. 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 such documented reasons. For additional information on policies and related matters, please see the pdf file "Policies plus" at the Files page.

**Homework**

1.1: 6, 7bc  
 1.2: 3, 4, 6, 7bc, 8, 12, 17  
 1.3: 2, 6, 8  
 1.4: 5, 7, 8, 9, 12 (not by Venn diagram)  
 1.5: 2, 5, 6, 7, 10  
 2.1: 2, 3, 5, 6  
 2.2: 2, 7, 8, 11, 12  
 2.3: 2ab, 4, 5, 10, 11, 12b, 14

