Richard Crew Department of Mathematics				
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Dr. Richard Crew Department of Mathematics, 404 Little Hall University of Florida Office Hours: M6, T5, W8 or by appointment. Email: rcrew@ufl.edu

Course meeting time and place: MWF4 in Little 219.

This course is an introduction to set theory and formal logic as it is used in contemporary mathematics. The main aim is for the student to gain proficiency in the reading and writing of mathematical proofs. The text is Daniel Velleman's How To Prove It, second edition, and we will cover the first six chapters, and as much of he seventh as time allows.

Two semesters of calculus and a sense of adventure.

The course will be a mixture of lectures, discussion of assigned problems and class discussion. The course grade will be based on six in-class exams and quizzes based on assigned problems. Quizzes will be based on the assigned homework, as will most (not all) of the exam problems. Each exam will count for one eighth of the final grade, or 12.5%, and the quizzes for the remaining 25%. Course grades will be given on the usual scale: A, 85% or above; B, 75% up to 85%; C, 65% up to 75%, D, 55% up to 65%; E, below 55%. Plus grades will be given for scores within a few points of the next highest letter grade. I do not normally give minus grades. The grading scale may be modified slightly after the fourth exam. Here are the current UF policies on assigning grade points.

Exam dates: September 9, October 1, October 15, October 29, November 19, December 5. These are all Mondays, except for the last, which is on a Wednesday. All exams will last 50 minutes and will be given in the usual classroom.

Except for exam dates, attendance is not mandatory but highly recommended. Bring your textbook to class! If you miss a class, it is your responsibility to find out what happened and if any modification was made in the assignments or exam dates.

No makeups will be give for quizzes. Makeups for exams must be arranged in advance, except in the case of a documented medical emergency. Acceptable reasons for missing a quiz or exam are serious family emergencies, special curricular requirements of other units of the University, military obligations, religious holidays, severe weather conditions, or court-imposed legal obligations. This attendance policy is consistent with the university regulations on attendance.

Students requesting accommodations for disabilities should register with the Disability Resource Center. Once registered, the student will be given a letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Students are expected to provide feedback on the quality of instruction by completing online evaluations. Typically this process takes place during the last weeks of semester. The results of the evaluations are available when they are tabulated.

This web page is the authoritative source for the course syllabus and supersedes all previous versions.

Listed problems will be discussed on the corresponding day.

Wednesday: Introduction and orientation. Discussion of the introduction Friday: §1.1 1, 2, 3, 5, 7

Monday: §1.2 1, 2, 4, 5, 6, 8, 9, 11, 12, 16, 17 Wednesday: §1.3 1, 2, 4, 5, 6, 8



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