

# Introduction to Mathematical Reasoning

## Math 300 D; Spring 2011

**Instructor:** Dr. Jennifer L. Taggart

**Office:** Padelford C-334

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**Course Website:** <http://www.math.washington.edu/~taggart/m300>

**Office Hours:** M 2:00–4:00; W 2:30–4:30; Th 10:30–12:30

**Text:** *A Transition to Advanced Mathematics, 7th edition*, by Smith, Eggen, and St. Andre

**Course Objectives:** In this course, you will learn and practice the fundamental techniques of writing mathematical proofs.

**Grading:** Your grade will be made up of:

|              |     |
|--------------|-----|
| Homework     | 40% |
| Midterm Exam | 30% |
| Final Exam   | 30% |

**Homework:** Homework assignments will be posted on-line and will be collected during lecture on the due date. (See the course calendar for dates.) While students are encouraged to work together on homework, the work you turn in should be your own. In particular, if two students work together to create a logical argument (the *skeleton*) of a proof, each student should write up the details of the proof independently. Do not copy work from another student (or any other source) and do not allow your work to be copied.

**Exam Dates:**

|              |                   |                |
|--------------|-------------------|----------------|
| Midterm Exam | Friday, April 29  | in class       |
| Final Exam   | Wednesday, June 8 | 2:30–4:20 a.m. |

**Make-Ups:** Late homework assignments will not be accepted for any reason. **I do not grant extensions to anyone.** I will drop one homework so that you may miss one homework without penalty to your grade.

In the case of observance of religious holidays or participation in university sponsored activities, such as debate or athletics, arrangements must be made at least two weeks in advance of an exam. You will be required to provide documentation for your absence.

Make-up exams will not be given. If you miss the midterm exam due to **unavoidable, compelling, and well-documented** circumstances, your final exam will be weighted more heavily.

**Resources for Students with Disabilities:**

The University of Washington is committed to providing access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation contact the Disability Services Office at least ten days in advance at: 206-543-6450/V, 206-543-6452/TTY, 206-685-7264 (FAX), or [dso@u.washington.edu](mailto:dso@u.washington.edu).