

## Math 373 Fall 2009 1:00–2:15 T-Th AB 634

**Instructor:** Prof. Johnson (“Dr J”)      **Office:** AB 602  
**Phone:** 784-6550      **Email:** jerryj@unr.edu

**Text:** An Introduction to Mathematical Reasoning, by Peter J. Eccles

**Office Hours:** 11:00 – Noon T-Th and by appointment MWF. If you need to see me at another time, just let me know. You may also email me, or if you have a question that we can deal with by phone, call me any time at 784-6550.

**Email:** I will use email often to make important announcements, including assignments and quizzes. Please check your email at least daily.

**Purpose of the Course:**      **The purpose of this course is to prepare you to succeed in Math 310.** It’s probably unlike any math course you have had before. For one thing, you’re actually expected to read the book and to write up solutions in complete sentences. A major goal is for you to learn how to write proper mathematical arguments called “proofs.” This requires careful reasoning and clear written communication. That is why I will insist that you write grammatically and logically correct solutions neatly and clearly.

**Grading:**      **A - 88% B - 78% C - 68% D - 58%.** Plus/minus grades may be awarded in borderline cases at instructor’s discretion.

**Exams, etc.:** There will be two exams worth 100 points each and a comprehensive final exam worth 150 points. Homework and quizzes will make up another 150 points. **The final exam is December 10, from noon to 2 PM.**

**Homework & Quizzes:** Homework must be written up *neatly* (preferably typed). It must be logically and grammatically correct. Sloppy or poorly written assignments are not acceptable. In no case will I accept messy work with insertions or notes in the margins. It will not be unusual for you to have to write more than one draft.

Note that there are “exercises” at the end of each chapter and “problems” at the end of each “Part”. Complete solutions are provided to all the “exercises” at the end of the book. There will be quizzes over these exercises. I strongly suggest that you attempt to solve each of the exercises before you look up the answer in the back of the book.

If you want to work together you may form groups of 2 or 3. The group may hand in one paper with all the members’ names on it. However, you must register the group with me in advance. If I detect collaboration outside a registered group, the work will not count. I may give a pop quiz on the homework so if you rely on your partner to do a problem be sure you understand it.