

# MATH 215 INTRODUCTION TO ADVANCED MATHEMATICS FALL 2016

**Instructor:** L.P. Schaposnik

**Classroom:** TH 313

**Lectures:** MWF 12:00 - 12:50

**Office Hour:** Wednesday 11:00-12:00 a.m., or by appointment.

**Office:** SEO 509

**Email:** schapos@uic.edu

**Course Webpage:** <http://schapos.people.uic.edu/~MATH215-FALL2016>

**Teaching Assistant:** Keaton Quinn (kquinn23@uic.edu)

**Textbook:** Course lecture notes as well as "Mathematical Thinking: Problem-Solving and Proofs" by John P. D'Angelo and Douglas B. West, 2nd Edition, Prentice Hall, 2000. ([Errata for textbook](#)).

**Homework:** There will be 10 sets of homework. Homework will be handed in on Mondays and will be due every Wednesday the following week.

**Homework Writing:** I encourage you to write your homework in LaTeX, and will be available at most times to help you becoming proficient using this program. You'll need to get access to a LaTeX (or equivalent). I'll be giving you sample files, so you don't need to start from scratch. See the course webpage to find these. Here are the links to use:

- For LaTeX: [www.latex-project.org](http://www.latex-project.org)
- For MiKTeX (open source LaTeX): <http://miktex.org/>
- For WinEdt, an editor for LaTeX or MiKTeX files: <http://www.winedt.com/>
- LaTeX symbols can be obtain through <http://detexify.kirelabs.org/classify.html>

Alternatively, you can do your LaTeX entirely online without downloading anything: see <http://monkeytex.bradcater.webfactional.com>.

**Writing Assignments:** There will be 10 sets of Writing assignments. They will be assigned on Wednesdays and will be due every Wednesday the following week.

**Mid term exams:** There will be two mid-term exams and a final exam:

- (1) **Mid-Term #1:** Wednesday September 14th.
- (2) **Mid-Term #2:** Monday October 17th.
- (3) **Final Exam:** To be determined.

**Grading:** Final grade depends on  
15% Mid-Term # 1;  
25% Mid-Term # 2;  
30% Final;  
20% Homework and writing assignment;  
10% Participation in class.