

## Math/CS 215 Syllabus

Professor: Joan Krone

Office: Gilpatrick House

Meeting Time: Thursdays 1:30 – 3:30

**Objectives:** Students will learn techniques for and will gain practice on giving technical talks. Each student will give 2 talks. Each talk will be video-recorded on the first presentation and each talk will be given a second time after reviewing the first presentation with the goal of improvement. Students will evaluate the talks of other students to give constructive help.

**Methods:** The first talk will be a “pair” talk, meaning that 2 students will work together on a single topic to prepare their joint talk. You will receive feedback from the talk, including comments from your peers and a copy of the video made of your talk. Then you will give the talk a second time.

The second talk will be an individual talk and the same process will take place.

**Resources:** To choose a topic, you can use any mathematical book or article, such as “The Heart of Mathematics,” by Ed Burger and Michael Starbird. You can also find appropriate topics on the web by googling “The Hundred Greatest Theorems.” For CS you can choose any book or article, such as a theory of computation or algorithms book.

### Grading:

First Paired Talk	10%
Repeat Paired Talk	25%
Interrupted Talk	10%
Repeat Interrupted Talk	25%
Mock Interview	10%
Evaluations	20%

### Schedule:

January 19	Get Acquainted Talks
January 26	Discussion of how to give a good technical talk
February 2 & 9	Pair Talks
February 16	Workshop to discuss talks and make improvements
February 23 and March 2	Repeat Talks
March 9	Workshop to prepare for interrupted talks
March 23, 30	Interrupted Talks
April 6	Workshop to discuss talks and make improvements
April 13, 20	Repeat Talks
April 27	Interviews
May 9	Final Exam Wrap Up   Evaluations due