Williams College
Department of Mathematics and Statistics

MATH 200 : DISCRETE MATH

Expository Project – due Friday, May 10th

INSTRUCTIONS:

The goal of this assignment is to explain a theorem and proof from this class to someone who has never had any exposure to proof-based math before. You don't have to give the proof in full gory detail, but the hope is to sufficiently intrigue the person you're talking to that they'll be interested to see the idea of the proof.

Once you've done this, I'd like you to reflect on your experience (in roughly a page of typed text). Below are some questions to get you started, but they are just a jumping-off point – the direction you take is up to you.

- What was the result you described, and how did you set up the proof (if differently from the way we did it in class)?

- Who was the person you were describing it to, and what is their math background?

- What worked well? What didn't? How would you change your approach to this assignment if you were to do it again?

- Does this experience spark any ideas about how math is taught / should be taught?