

Winter 2017
Math 207: Lower Level Math Honors Seminar
Tuesday 12:00 - 12:50, Black 136

Instructor: Dr. Jim Bisgard

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Office Hours: MTWF 11:00 - 11:50

1 Course Goals

The primary goal of this course is to investigate the game of SET using some mathematics. A secondary goal is to show you how mathematics is done and hopefully provide you with a better appreciation of what mathematics is all about - it isn't just calculus and calculation!

2 Grades

To earn a C in the class, you must be present for 6 or more class days - which includes the final exam period! Being present means that you arrive on time and do not leave before the end of class. (Arriving more than five minutes late counts as late!) To earn a B, you must earn a C AND write up a problem you came up with - including what you tried to do to solve your problem (notice: it isn't necessary to solve your problem!). To earn an A, you must earn a B AND present a problem you came up, including what you did to try and solve your problem. **Drafts of write-ups are due on February 28 - the second to last Tuesday of class.**

Presentations of problems and their solutions (or work towards their solutions) will be done during the final exam period on Thursday March 16, from 2:00 to 4:00 pm. Notice: the final exam period counts as a class day, and you are expected to be there!

3 Resources

Your first assignment is to read the following blog:

blogs.ams.org/matheducation/2015/09/01/the-secret-question-are-we-actually-good-at-math

We'll have some discussion about this blog on the second class day. You might want to think about the following question: is mathematical ability innate, or can mathematical ability be learned? Why do you think that?

The following links are to online SET games. It can be useful to do some practice and get used to what is a SET - practice will help!

<http://smart-games.org/en/set/start/>

<http://www.setgame.com/set/puzzle>

4 Accessibility

Students with disabilities who wish to set up academic adjustments in this class should give me a copy of their "Confirmation of Eligibility for Academic Adjustments" from the Disability Support Services Office as soon as possible so we can discuss how the approved adjustments will be

implemented in this class. Students without this form should contact the Disability Support Services Office, Bouillon 140 or ds@cwu.edu or 963-1202.