

**MATH 207 Math Honors Seminar**  
**Dr. Boersma**  
**Winter 2023**

**Goals:** We will start with the game of SET, play it a few times, make some mathematical connections and conjectures, and see what we can prove and where it might lead us.

**Office:** Samuelson 121-A, phone: 963-1395, email [Stuart.Boersma@cwu.edu](mailto:Stuart.Boersma@cwu.edu). Office hours will be announced in class shortly. You may of course drop by anytime. If I'm not busy I'll be glad to talk with you.

**Required  
Materials**

1. The desire to participate in mathematical discovery and experimentation.
2. A copy of the card game SET (optional).

**Your Grade:** Your final grade in this course will depend on completing both In Class and Between Classes assignments.

**Attendance** Our weekly class meetings are an integral part of this course. In class we will have discussions, make conjectures, and learn some of the interesting connections between mathematics and SET. Half of the assignments for this course will be completed during our class sessions

**In Class**

**Activities:** These activities can be completed by coming to class and participating in that day's discussions and activities.

**Between Class**

**Activities:** In between our weekly meetings there will be short activities for you to work on. These activities may ask you to recap some ideas from class as well as explore new ideas in order to prepare for our next meeting. These assignments can be completed in Canvas.

**Final grades** There will be 20 assignments (comprised of In Class and Between Class activities) in this class. Final grades will be assigned based on the number of these assignments you complete:

|       |        |
|-------|--------|
| A :18 | C: 14  |
| B+:17 | D+:13  |
| B :16 | D: 12  |
| C+:15 | D- :11 |