1 About the instructor

1. Name: Aaron Pollack
2. Office: APM 7349 and virtual, via Zoom
3. email: apollack@ucsd.edu
4. course website: https://www.math.ucsd.edu/~apollack/teachingW22.html
5. Office hours: Please see course website; also, by appointment
6. All days and times refer to US Pacific time

2 Basic course information

• Textbook: An Introduction to Number Theory, by Harold M. Stark. Time permitting, we will cover chapters 1-7 and maybe a bit more.

• Official class meeting time: MWF, 1:00pm-1:50pm (virtual and HSS 1315)
  – First day of lecture: Monday January 3rd
  – Last day of lecture: Friday March 11th
  – Depending on the pandemic, we will have a mixture of live lectures via Zoom (recorded and uploaded to Canvas) and in-person lectures on campus. There may be a few occasions where we have pre-recorded lectures. When this is to occur, you will be notified in advance via Canvas.
  – On exam days (Friday January 28th and Friday February 25th) there will not be lecture.

• Holidays (no lecture):
  – Monday January 17th (MLK Day)
  – Monday February 21st (Presidents’ Day)

• Discussion section
  1. Th 4:00pm-4:50pm (WLH 2208 and via Zoom)

• Scheduled final exam: Friday March 18th 2022, 11:30am-2:30pm (US Pacific time).

• Exams:
  1. Friday January 28th
  2. Friday February 25th

• Homework: Will be due by 10:00pm (US Pacific Time) on Gradescope on the following days:
1. Friday January 14th
2. Friday January 21st
3. Friday January 28th (homework will be light as this is also an exam day)
4. Friday February 4th
5. Friday February 11th
6. Friday February 18th
7. Friday February 25rd (homework will be light as this is also an exam day)
8. Friday March 4th
9. Friday March 11th

3 Grading

Your grade percentage will be computed via the following weights:

- Homework: 40%, with the lowest score automatically dropped. So, each counted homework will be worth 5% of your grade.
- Exams: 15% each
- Final Exam: 30%

The following final percentages will guarantee you the corresponding grade (although the actual grade cutoffs may be lower):

\[
\begin{array}{c|c|c|c|c|c|c|c}
97 & 93 & 90 & 87 & 83 & 80 & 77 & 73 \\
\end{array}
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Late homework will not be accepted. However, as mentioned, your lowest homework score will automatically be dropped. **Plan on doing all the homework** as this is the only way to learn the material.

**The above policies are guidelines. The instructor reserves the right to alter these in any and all unusual circumstances (e.g., the pandemic takes an unexpected turn.)**

3.1 Homework policy

The only way to learn the concepts and techniques, and to do well in this course is to work through all of the homework problems. This will ensure that you do not get a false sense of security about if you truly understand the material. However, working with your peers is acceptable. **You must write up the solutions to the problems yourself.** Copying solutions from others or a solutions manual will be deemed academic misconduct. If you worked with peers to solve a problem, you should acknowledge on your homework who you worked with.

- Homework must be written clearly. All work must be shown.
4 Administrative policies

• University-excused absences: If you will miss one of the exams due to religious observation or for representing the university in varsity athletics, you must email me at the above email address no later than two weeks before the absence, but preferably as soon as possible.

• Students requesting accommodations for this course due to a disability must provide a current Authorization for Accommodation (AFA) letter (paper or electronic) issued by the Office for Students with Disabilities. Students are required to discuss accommodation arrangements with instructors and OSD liaisons in the department in advance of any exams or assignments.

• Violations of UCSD’s academic integrity policies (cheating, plagiarism, etc.) will be handled by the instructor using UCSD administrative measures. In addition, the instructor reserves the right to assign a 0 score to any homework or exam affected by a violation.

5 Other notes

• You should read the material in the textbook before I cover it in class.

• Frequently coming to office hours is a great way to ensure you are keeping up with the material.