

3336

OH 1

10:01 AM

Start
time



Welcome!

Exams

- in person, on campus
- schedule to take them using CASA

Scheduler opens 1 or 2 weeks
ahead of exams

Monday

Exam	Content	Dates
Exam 1	Logic, Sets, Basic Proofs	Sat 2/18, Sat 2/20
Exam 2	Recursion, Counting, Number Theory	Fri 4/7, Sat 4/8
Final Exam	Cumulative (Previous Material, Algorithm Complexity, Extra Topics)	Wed 5/10, <u>Thur</u> 5/11

Week	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun
1. (1/17-1/22)	Logic				Q1	HW1	
2. (1/23-1/29)	Last day to add	Logic			Q2	HW2	
3. (1/30 – 2/5)	Sets		Drop w/out W	Sets, Basic Proofs	Q3	HW3	
4. (2/6-2/12)	Sets, Basic Proofs				Q4, Q5	HW4	
5. (2/13-2/19)	REVIEW FOR TEST 1					TEST 1	
6. (2/20-2/26)	TEST 1	Induction and Recursive Structures			Q6	HW5	
7. (2/27-3/5)	Induction and Recursive Structures				Q7	HW6	
8. (3/6-3/12)	Counting				Q8	HW7	
9. (3/13-3/19)	Spring Break						
10. (3/20-3/26)	Counting				Q9	HW8	
11. (3/27-4/2)	Number Theory				Q10	HW9	
12.	Number Theory				Q11	HW10	
13. (4/3-4/9)	REVIEW FOR TEST 2				TEST 2		
14. (4/10-4/16)	Algorithm Complexity				Q12	HW11	
15. (4/17-4/23)	Last day to drop w/ W	Algorithm Complexity			Q13	HW12	
16. (4/24-4/30)	Extra Topic(s) + Final Review					HW13	
Last Day							
17. (5/1-5/7)	OTHER FINALS						
18. (5/7-5/11)	OTHER FINALS		FINAL EXAM				

MS Teams

- Syllabus has these schedules above

Our Team → General Channel → Files → Class Materials

- Textbook / Notes

Our Team → Gen. Channel → Files → Class Materials

this doc. links to

- Casey's Notes / Book
- Free Book "Book of Proof"

- Office Hours

Mine

TA OHs

- HW Keys & Test Reviews

Our Team → Gen. Channel → Files → Class Materials

- Participation

- attend OHs

- post questions & your thoughts/ideas

in response to others on our "Discussion Board"

CASA CourseWare

- quizzes (usually due Fridays)

"online assignments"

- start them at the start of the week
20 tries

- HW

(usually due Saturdays)


"assignments"

Important

reading our textbook + Casey's notes
is crucial


The Math of Our First Week

Propositions aka Statements


a sentence that is T or F

ex) Houston is in Texas.

$$5 + 4 = 10.$$


is a sentence ✓
its false

← a statement ✓
(its false)

non-ex) Is it cold?

Shut the door.

$$x > 1$$

← this is an "open sentence"
its not a statement, but

once we plug in a value
for x it becomes a
statement

$$\begin{pmatrix} 7 > 1 & \text{true} \\ \neg 7 > 1 & \text{false} \end{pmatrix}$$

Statements & ways of combining them.
