

# COMPLEX ANALYSIS

**This lecture will be recorded. If you do not want your face in the recording, please turn off your camera. If you do not want your voice in the recording, please participate using the chat.**

# WEEKLY SCHEDULE

Warm up 1

Warm up 2

Monday  
Peer  
instruction

Wednesday  
Peer  
instruction

Friday  
Open class  
period

Metacognition  
Homework

In black: work done at home  
In red: work done in class

# HOW TO LEARN USING THESE TOOLS

- Introduction to the material: Read textbook(s) or watch video(s) on the objective you would like to master
  - BMPS is the main text we will follow
  - Knopp is concise and very rigorous
  - Bowman has “tasks” to learn by doing

# HOW TO LEARN USING THESE TOOLS

- Get a notebook with two sections, one for in-class work and scratch work and one for your notes; take notes when you are reading or watching
  - Write down all of the definitions and theorems
  - Copy down examples, make sure to work through them and give them thought
  - Post questions to Campuswire/Piazza

# PEER INSTRUCTION

What it is:

- Time to socialize with peers in the class
- Time to check understanding of basic concepts with peers
- Time to share studying tips, mnemonic devices to remember theorems and definitions, time to offer help to each other
- Time to explore a new math problem together
- Time to solidify concepts by applying them and obtaining feedback from peers

# PEER INSTRUCTION: EVERYONE BELONGS IN CLASS

On off days you can:

- Sit back and relax!
- Offer to take notes for the group, and present the notes to the whole class when we reconvene
- Help organize the discussion by recapping what everyone has said at various intervals
- Help peers take turns speaking, make sure that everyone who wants to speak gets a turn
- Look up definitions and theorems

LET'S GO SEE THE  
OBJECTIVES!

# REDO WEEKS

The weeks of Oct 12 to 16 and Nov 30 to Dec 4 will be redo weeks.

- No new objectives, no warm ups, no peer instruction
- One homework set covering all of the objectives in play
- Three due dates: Monday, Wednesday, Friday, for quicker feedback on scores
- In class is “Friday” all week, perhaps some mini recap lectures on select topics

# FINAL WEEK

Just one big redo week, but with no class sessions (will schedule office hours)

- One homework covering requested objectives
- Four due dates: Monday, Tuesday, Wednesday, Thursday, for quicker feedback on scores

THAT'S ALL FOR TODAY!