

Captivating • Computer Science 101 • Welcoming

efficient • engaging • inclusive • creative • student participation

Skills you will acquire

- Seven Step Approach to problem solving & coding
- Basic Python
- Working smarter not harder
- Perseverance

Tips and tricks

- Go to office hours!
- Use Python tutor
- Go to lecture
- Figure out your solution on paper before you move to coding
- Sometimes the class will feel very easy and other times it will feel very hard. Just stick with it, you got this!
- Ask for help from your peers, your TAs, your UTAs and your professors
- If you can't figure out the issue with your code, take a break and come back to it

Who should take this class?

Everyone! This class is perfect for beginners! Absolutely no previous knowledge is required. This course does a great job of making sure everyone feels safe to ask questions and get help. If you have never taken a computer science course before, this is a great way to familiarize yourself with the world of cs in an inclusive environment! Although this course is challenging, it is incredibly rewarding!

Components of the class

- 8 APTs (puzzles)
- 12 Labs (run by TAs)
- 7 Assignments (bigger projects)
- 3 APT Quizzes (like APTs but timed)
- 2x Weekly pre lecture videos, textbook readings and quizzes
- 2x Weekly lectures

hands on learning • practice • Analyzing + Abstract Problem Solving

• interactive • organized • collaborative • Supportive •