

CompSci 101

Fall 2021

Important COVID Protocols

- Social distance
- Livestream
 - Panopto-Check Ed
- Async Request Form
 - Website

General Information

- Introduction to programming fundamentals
 - Problem-solving and Python
- No prior programming experience required
- Course requirements
 - Time
 - Patience
 - Practice
 - Willingness to learn, design, fail, and repeat

Class Website

CompSci 101, Fall 2021 Home

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CompSci 101: Introduction to Computer Science

Course Description

Introduction to practices and principles of computer science and programming and their impact on and potential to change the world. Algorithmic, problem-solving, and programming techniques in domains such as art, data visualization, mathematics, natural and social sciences. Programming using high-level languages and design techniques emphasizing abstraction, encapsulation, and problem decomposition. Design, implementation, testing, and analysis of algorithms and programs. No previous programming experience required.

Due Dates

- **Reading Quizzes:** due 1:45pm on lecture days (T/Th). Quizzes will be available via Sakai.
- **Labs:** weekly on Fridays, submit by Sunday night - [see labs page](#)
- **APTs and APT Quizzes :** [see APT page](#)
- **Assignments:** See [assignment page](#)

What will this course be like?

- **You will practice programming a lot!**
 - You will write code all the time!
 - In the online textbook – code boxes
 - Small and large assignments due!
 - Weekly labs
- **It's important to stay caught up**
- **There is plenty of help along the way:**
 - Consulting hours: UTAs
 - Office hours: Professors, Grad TAs
 - Piazza – post anonymous questions

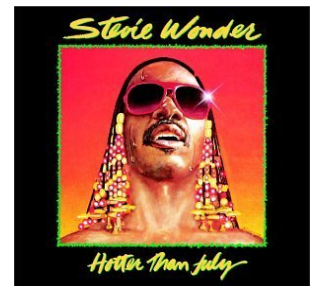
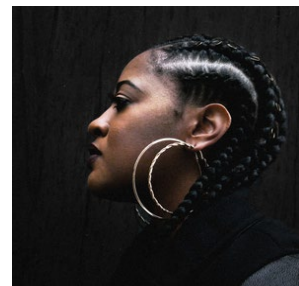
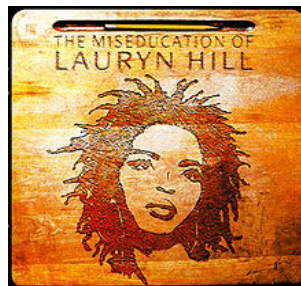
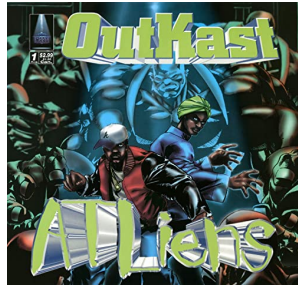
How to Navigate Course

1. Stay on pace (reading, quizzes, lectures)
 - Labs, assignments, APTs, APT quizzes, exams
2. Practice (5 P's)
3. DESIGN FIRST
 - “Good programmers are simply good designers”
4. Ask for help
5. Do not accept defeat because it didn't work the first time.
6. Repeat step 1.

Class Poll

- Enter one word that describes your current feeling about the course
- WEB: [PollEv.com/nickiwashing095](https://Pollev.com/nickiwashing095)
- TEXT: **NICKIWASHING095** to **37607** once to join, then text your word.

What Dr. Washington wants you to know...



Activity 1: The More You Know

<https://bit.ly/101f21-08-24-1>

Important Reminders

- **Survey-3C Assessment**
 - Extra credit points: 80% completion rate on BOTH surveys
- **Ed: Updates/questions**
- **Panopto livestream**
- **Async request form**
- **QZ1-4 deadline: Sept 7**
 - QZ5-17 deadline: 1:45pm day of class.

Questions?