

Introduction to the Course - Part 1

David H Smith IV

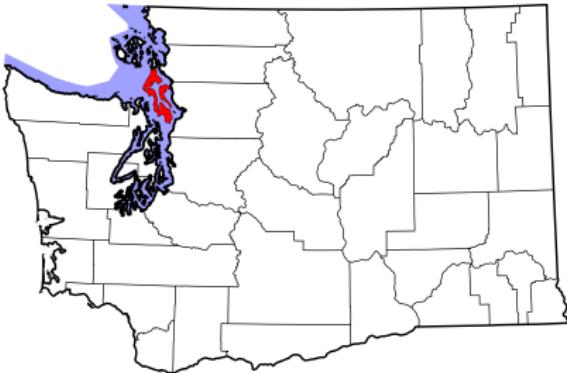
University of Illinois Urbana-Champaign

Tuesday, Aug 17 2021

Ice Breakers

About Me

- **Name:** David Smith
(he/him)
- Raised on Whidbey Island in the Saelish Sea of Washington State
- **Hobbies:** Archery, backpacking, hiking, swimming, programming



What about you?

- Name/Pronouns
- What you want to get out of the course.
- Something of interest (e.g., hobby)

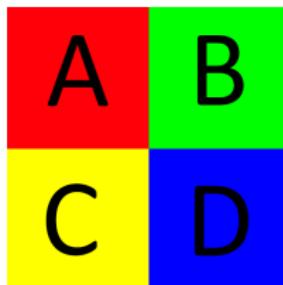
Course Overview

Course Outcomes

- Given a small section of code you should be able to:
 - Trace through and predict it's output.
 - Describe, in plain English, what it does.
- Write a small python program some using the fundamentals you will learn in this course.
- Version control with Git and GitHub
- Other side topics as time allows (e.g, the internet)

Lecture Time

- We ask multiple choice questions through the following process:
 - ① You answer the poll individually, for participation points.
 - ② Then you discuss with your peers in your assigned lecture discord group.
 - ③ You will answer the poll a second time for, credit.
- These will use ABCD cards:
 - Apps are listed on the course website:
 - Physical copies are available if you would prefer.



Discord

- **Invite link:** <https://discord.gg/sADNwpX4>
- Where office hours are posted.
- Please feel free to ping me in the group text channel if you have any questions by '@ing' me.
- Feel free to use the group discussion rooms to talk about homework and ping me if you get stuck.
- **Please only message me or ping me through the public chat.
Do not direct message me.**

zyBooks & Post Readings

- zyBooks Participation and Challenge Activities:
 - Two participation activities due a week (usually).
 - Challenge activities due every Sunday (again usually).
 - Always defer to the course calendar and the dates listed on the assignment in zyBooks.
- PrairieLearn Post Readings
 - Due with every reading activity
 - **Muddiest Points:** What point did you find most confusing. If nothing, what do you think others found the most confusing?
 - **Future Detail:** What would you like to be covered more in depth during lecture?
 - **Time Spent:** How long did you spend doing the reading?

Weekly Schedule

- General weekly schedule:

<https://hamiltonfour.tech/uni-high-fall-21/schedule/>

- Item specific schedule:

<https://hamiltonfour.tech/uni-high-fall-21/calendar/>

First poll question! - Getting Help

Which of these is the most true?

- A You must do all of your homework alone (not even I can help)
- B You can get any help you want as long as you type in the answers.
- C Students can only discuss the homework at a high level; code must not be shown to other students, but you can ask TAs for help.
- D Homework can be done in groups of two students.

Due this Thursday

- ① Look over and get familiar with the course website.
- ② Get Discord setup.
- ③ Topic 1 reading and participation activities
 - Cover half of the topics today and the rest tomorrow.
 - Read the following chapters just for information: 1.[5-8]
 - Read the following chapters for comprehension: 1.[1-4], 1.9
- ④ Wednesday is a history lesson
- ⑤ Thursday we'll start diving into Python.