Week 1

COMP 801 Integrated Computing Practice

Agenda

- Introductions
- Syllabus
- Resources and development tools/platforms
- First assignment: AR1
- Help session

In-Class Introductions

Instructor, classroom assistants, and students

- Your preferred given name
- Choose **one word** to describe your impression of UNH (so far)
- When life is hard or when you feel down, what helps you overcome a difficult situation?

Canvas Site at https://mycourses.unh.edu

Let's take a tour!

- Go to **mycourses.unh.edu** and select COMP 801
- Links to the Syllabus, Website, Runestone Textbook
- Announcements, Modules, Assignments, Grades, People
- **Inbox tool** for personal email communication with your course instructor (leftside menu)

Join the Discord Server

- Find **Discord** server link in **Week1** module (or on the home page).
- Register by using your UNH email: Firstname.Lastname@unh.edu
  - Do not sign in as a guest!
- Change your Discord server name to your **preferred given name** (should be capitalized)

Discord Communication

- Helps us communicate in- and outside class
- Has public channels under the GENERAL category
- Has private channels under the SECTIONS category
  - You'll get access to your section channel

Website

URL: https://integrated-practicum.github.io/integrated-computing-practice-website/

- On Canvas, Website link on the left side menu
- Find today's slides on the course Website

Course Syllabus and Policies

- On Canvas Syllabus link on the left menu
  - Syllabus page has link to Syllabus on the Website
- On the Website, Syllabus and Policies pages
  - Syllabus

Learning Resources

- **In-class participation**: Q&A, pair programming, lab activities
- **Discord** online communication with peers, CAs, and instructor
- In-person or virtual **help sessions** with classroom assistants
- **Tutoring**: online or in-person, with tutors in the *Center for Academic Enrichment*
- Website **Resources** materials
- **Instructor's help**: one-on-one appointments or help sessions

Learning Goals

- How to **formulate and solve problems**
- With **computational concepts and approaches**
  - e.g., programming concepts, unit tests, debugging, version control
- To produce **computing systems**

Laptop Installations and GitHub Account

See Tools > Development Tools on the Website

- Do all students have the required laptop installations? GitHub account?

Textbook

Foundations of Python Programming available on Runestone Academy platform

- Sign up for the textbook, register and create account, and login
- Follow instructions on the course Website
- Go to Interactive Textbook Signup on the Tools page.
- Let's explore the textbook together once you are signed in.

First Assignment: AR1

- On Canvas, go to **Week1** module (or **Assignments**)
  - Select **Active Reading 1** assignment
  - It shows assigned chapters and sections
- In the Runestone Textbook, from the user icon, select **Assignments**
  - Select **AR1**
  - Navigate to each required section
  - Self-evaluate completion of each section.

Help session

- Class meeting is 1 hour 50 min
- Help session is 1 hour and follows class meeting
  - Classroom assistants' and instructor' help
  - One-on-one check-ins with instructor