

# Welcome to CSE 121!

Brett Wortzman/Elba Garza

Autumn 2022

# Agenda

- About us
- About this course
  - Learning objectives
  - Other similar courses
  - Course components
- Our learning model
- Tools and resources
  - Course Website
  - Ed
- Hello, World!
- Assessment and grading
- Collaboration

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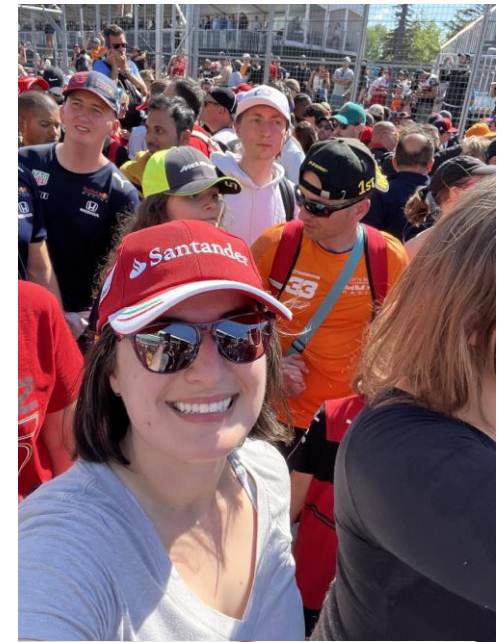
# Hi, I'm Brett! (he/him)

- Associate Teaching Professor
- Frequent intro CS instructor
  - Lead designer/developer of new 12X curriculum
- Also interested in CS education/pedagogy
- Previously:
  - trained CS teachers
  - developed CS curriculum
  - taught high school CS
  - worked as a software engineer



# Hi, I'm Elba! (she/her)

- Newly minted Assistant Teaching Professor
- PhD in CS (Computer Architecture)
- Previously:
  - taught CSCE 121... at a different university!
  - TA'd multiple CS courses



# Meet (most of) your 42 TAs!



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# Learning Objectives

*or, “What will I learn in this class?”*

## **Seven themes:**

- Computational Thinking
- Code Comprehension
- Code Writing
- Communication
- Testing
- Debugging
- Ethics/Impact



# Other Similar Courses

Course	Good choice if...
CSE 121	<ul style="list-style-type: none"><li>• You've never programmed before AND</li><li>• You are, or want to be, in a major such as CS, CE, ECE, Info, etc. that requires Java programming</li></ul>
CSE 122	<ul style="list-style-type: none"><li>• You've done some programming (roughly one course worth) in <i>any</i> programming language AND</li><li>• You are, or want to be, in a major such as CS, CE, ECE, Info, etc. that requires Java programming</li></ul>
CSE 143	<ul style="list-style-type: none"><li>• You took CSE 142 at UW, at a community college, or through UW in the High School</li></ul>
CSE 160	<ul style="list-style-type: none"><li>• You've never programmed before AND</li><li>• You're interested in data science and analysis OR</li><li>• You'd rather learn Python than Java* OR</li><li>• You are, or want to be, in a major such as Physics, Bio, Stat, etc. where analyzing data through programming is useful</li></ul>

*Other courses of interest: CSE 154, CSE 123 (23wi), CSE 163 (23wi)*

See [Guided Self-Placement](#) and [Introductory Courses](#) for more info

# Help Us Improve!

- CSE 121 is ***brand new!***
- We worked hard to build a course we think will be effective and supportive and help you succeed
- We probably didn't get it all right
  
- We appreciate your patience and understanding if we need to make adjustments during the quarter
- Please give us lots of feedback!
  - Post on Ed and/or use the Anonymous Feedback Tool

# Course Components

## Lessons (aka Lectures)

- WF, 11:30 or 2:30
- Held live in KNE; recordings released after
- First introductions to course concepts
- Mix of presentation of content and practice activities/problems
- Pre-work for most sessions

## Sections

- TuTh, various times
- Led by TAs
- Held live in person; **not** recorded
  - Materials will be released online afterwards
- Additional review, discussion, and practice
- Mostly practice problems

*Attendance is not taken, but you are responsible for all material (including announcements).*

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# Digression: My Pandemic Hobby

*Amigurumi*: Japanese art of creating crocheted or knitted stuffed toys



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# Course Culture and Support

- Currently 841 students enrolled!
  - Wide range of backgrounds, interests, and goals
  - *Everyone* is new to programming
- Support and help each other!
  - Form study groups
  - If you have a question, others almost certainly do too
- Lots of ways to get support from us
  - Message board, IPL, section

# Course Culture and Support

- Policies designed with flexibility in mind
  - Resubmissions/Retakes, lecture recordings
- But life and the world still happen...
- ***Please reach out ASAP if you're struggling or have circumstances that require extra support***

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# Course Website

[cs.uw.edu/121](https://cs.uw.edu/121)

- Primary source of course information (*not* Canvas)
- Calendar will contain links to (almost) all resources

The screenshot displays the CSE 121 course website. On the left is a navigation sidebar with links for Home / Calendar, Programming Assignments, Creative Projects, Staff, Support Hours, Syllabus, COVID-19 Safety, Resources, Course Tools, EdStem, and Anonymous Feedback. The main content area features a yellow attention banner at the top stating the site is under development. Below this is the course title 'Introduction to Computer Programming I Autumn 2022' and a welcome message. There are two expandable sections: 'What is this class? What will I learn?' and 'Prior Experience and Expectations'. A feedback section follows, along with a link to the course syllabus. A registration warning is present, advising against email requests for add codes. The 'Announcements' section shows a placeholder for a September 29th announcement. At the bottom, a calendar section includes an info banner about the accuracy of the schedule.

**CSE 121**

- Home / Calendar
- Programming Assignments
- Creative Projects
- Staff
- Support Hours
- Syllabus
- COVID-19 Safety
- Resources

Course Tools [↗](#)

- EdStem
- Anonymous Feedback

**Attention!** This website is still **under development**. More information will be added soon and all content is subject to change.

## Introduction to Computer Programming I Autumn 2022

Welcome to CSE 121: Introduction to Computer Programming I! 🎉

- ▶ What is this class? What will I learn?
- ▶ Prior Experience and Expectations

**Feedback** Feedback is always welcome! You can contact the the course staff or submit anonymous feedback.

If you want to learn more about the course and its policies, please check out our [course syllabus](#).

**Registration** Do not email the course staff or instructors requesting an add code for this course– the course staff do not have add codes. Please contact the CSE advising team at [ugrad-adviser@cs.washington.edu](mailto:ugrad-adviser@cs.washington.edu) for registration assistance.

### Announcements

▼ **SEP 29** Placeholder announcement

Placeholder

[See the full announcement on Ed!](#)

### Calendar

**Info** This is a rough sketch of the quarter and things are subject to change. We can accurately predict the past, but predicting the future is hard!

# Course Website

*Please review the syllabus ASAP.*

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## Syllabus

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### Course Information

#### Teaching Staff

Instructors: Brett Wortzman and Elba Garza

Instructor Email: [cse121-instructors@cs.washington.edu](mailto:cse121-instructors@cs.washington.edu)

Registration Questions: CSE Advisers ([ugrad-adviser@cs.washington.edu](mailto:ugrad-adviser@cs.washington.edu))

Course Staff and Support Hours: [Course Staff and Support Hours](#)

▶ Who to contact?

### Class Meetings

See [Class Sessions](#) for information on how each day of class will be run.

- WF: 11:30 pm - 12:20 pm (KNE 130)
- WF: 2:30 pm - 3:20 pm (KNE 120)

### Other Info

- Course Website: Here! (<https://courses.cs.washington.edu/courses/cse121/22au> or <https://cs.uw.edu/121>)
- Textbook (Optional; Not Required): [Building Java Programs: A Back to Basics Approach \(Reges/Stepp\)](#)
- Feedback:** You can submit (anonymous) feedback for the class [here](#).

- 1) Course Information
- 2) Course Overview and Goals
- 3) Learning Objectives
- 4) Course Climate
  - 4.1) Inclusion
  - 4.2) Extenuating Circumstances: "Don't Suffer in Silence"
  - 4.3) Disabilities
  - 4.4) Religious Accommodations
- 5) Software and Textbook
  - 5.1) Learning Management System (LMS) - EdStem
  - 5.2) Development Environment (IDE) - IntelliJ
  - 5.3) Textbook (Optional)
- 6) Class Meetings
  - 6.1) Class Sessions (Lessons)
  - 6.2) Quiz Sections

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- Syllabus**
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▶ Prior Experience and Expectations

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# Ed

- Our online learning platform
- Lessons, sections, assignments posted
  - Linked from calendar
- Submit graded work
- Receive/View feedback
- Message board
  - Including announcements

ed CSE 121 - 22au - Ed Discussion

New Thread

Chat

COURSES

- CSE 12x Combined Staff ...
- CSE 121 - 22au
- CSE 121 Staff - 22au 2
- CSE 122 Staff - 22au
- UW CSE 12X Sandbox >3

CATEGORIES

- General
- Lessons
- Sections
- Programming Assignm...
- Creative Projects
- Quizzes
- Final Exam
- Social
- Announcements

12 others online

Search

Filter

Welcome to CSE 121!

Announcement... Brett Wortz... INSTRUCTOR 19h 4 15

This Week

Welcome to Ed Discussion!

General Brett Wortzman INSTRUCTOR 19h 10

Welcome to CSE 121! #2

Brett Wortzman INSTRUCTOR 19 hours ago in Announcements

UNPIN STAR WATCH 354 VIEWS

Hi gang,

15 Welcome to CSE 121! My name is Brett Wortzman, and I'll be one of your instructors for CSE 121 in Autumn 2022, along with Elba Garza. We're so excited to be working with you all in this brand new course! With the quarter officially starting this week, we wanted to get some important information out so you can prepare.

This is a long message with a lot of information. Some of it will be covered in class this week also, but please try to at least skim this whole announcement, and pay particular attention to parts in **bold**.

Resources

Our course website has all the information and resources you'll need and is now available here: <http://cs.uw.edu/121>. Many details are still being worked out, so all information is subject to change, but you can look through the [syllabus](#) and [calendar](#) to get a sense of what to expect. Please bookmark or remember this site, as you'll want to access it frequently. **The website will be your primary source of information about the course, including policies, the calendar, and links to materials.**

The other primary course resource will be this Ed course, which will be our online learning platform and course discussion board. This is where you can post questions and contribute to discussions with your classmates, and where we'll post any important announcements. For more information on how to use Ed, please see post #1.

Note that we do not use Canvas for much, so the website will be your primary source of course information. Our Canvas course is not currently published, so don't worry if you can't find it.

🌟 First Day of Class (9/28)

Our first day of class is this Wednesday, September 28! We will spend a lot of the first day reviewing



Hello, World!

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# Assignments and Grading

- Our goal in the course is for you to **gain proficiency the concepts and skills** we teach
- We assess your proficiency by asking you to apply the concepts and skills on tasks or problems
- By necessity, we are assessing your *work* as a proxy for your proficiency

# Assignments

- Your learning in this course will be assessed in four ways:
  - Programming Assignments (~biweekly, 4 total)
    - Structured programming assignments to assess your proficiency of programming concepts
  - Creative Projects (~biweekly, 4 total)
    - Smaller, more open-ended assignments to give you space to explore
  - Quizzes (4 total, in section)
    - Series of problems covering all material up to that point
  - Final Exam (Wednesday, December 14)
    - Final, culminating assessment of all your skills and knowledge

# Resubmission/Retakes

*Learning takes time, and doesn't always happen on the first try*

- One previous Programming Assignment or Creative Project can be **resubmitted** each week
  - Must be accompanied by a write-up describing changes
  - Grade on resubmission will replace original grade
  - Each assignment should only be resubmitted once
- Each Quiz can be retaken once
  - Retakes scheduled at certain times— details forthcoming
- See the [syllabus](#) for more details

# Grading

*Grades should reflect your proficiency in the course objectives*

- All assignments will be graded **E (Excellent)**, **S (Satisfactory)**, or **N (Not yet)**
  - Under certain circumstances, a grade of U (Unassessable) may be assigned
  - In some cases, not all grades will be given
- Final grades will be assigned based on the **amount of work at each level**
- See the [syllabus](#) for more details

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# Collaboration Policy

*Learning is hard, but it's easier when you learn from each other*

- You are encouraged to form study groups; work together on pre-class work, practice and review; and discuss your ideas and approaches
- All work you submit for grading **must be *predominantly and substantially your own***
- Work that violates policy may be withdrawn within 72 hours
- See the [syllabus](#) for more details