(Class will start at 2:05 today to give everyone time to join)

CSE 114 Intro to Object-Oriented Programming

COURSE INTRODUCTION

ALEX KUHN

Some Tips on Using Zoom

Due to COVID-19, classes are online until at least October 8th

- Join class via Zoom with your Stony Brook email address

Can send text chat messages

- Please feel free to write in questions at any time

Can mute / unmute yourself to talk

Just re-join if you lose connection to Zoom

Please send me any feedback if you have any issues or suggestions

CSE 114 Class Information

Instructor: Alex Kuhn

- Office: B423
- Email: alex.kuhn@sunykorea.ac.kr

Course website: http://www3.cs.stonybrook.edu/~alexkuhn/cse114-fall2020/

- Office hours, lecture materials, and labs are posted on the course website
- Note there is a separate Zoom URL for office hours

Still Deciding?

- Prerequisites: the Bulletin says:
  - **Prerequisites:** Level 4 or higher on the math placement exam
  - **Advisory Prerequisite:** CSE101
- Known as "CS 1" – Introduction to Object Oriented Programming
- For non-CS majors, this course or CSE 101 is an excellent way to get an introduction to what computer science is about and learn how to program.
- For CS majors, this course is a launching point into the CS major

Goals

Get an introduction to computer science

Learn how to solve a problem by:

- Defining the problem
- Developing a solution / algorithm
- Implementing the solution by writing a computer program in Java
- Testing and fixing the computer program

Provide a healthy mix of the practical and theory

Will learn to program in Java

Course Requirements

- Programming assignments – about one per week
- Class participation – mandatory
- Labs – two per week and mandatory
- Three midterm exams
- Comprehensive final exam

Textbooks

Think Java: How to Think Like a Computer Scientist (2nd Edition, Version 7.1.0), Downey and Mayfield, 2020 (Required)

- Free download online – see course website

Introduction to Java Programming, Brief Version, 10th Ed. by Y. Daniel Liang, 2015 (Reference)

As needed, we will post links to other references

Homework

- There will be about one programming assignment per week
  - Homework assignments will be posted on Blackboard
  - You will turn in homework on Blackboard

- Take the homework assignment seriously!
  - Designed to challenge you in **applying** what you've learned so far
  - Start early! Experience has shown that programming projects almost always take longer than expected
  - Read "How To Approach This Class" in the syllabus for detailed suggestions

Late Assignment Policy

- Late assignments are *not* accepted
- Any part of an assignment that's late means the entire assignment is late
- If you have an emergency situation, email me before the due date and we'll work something out
- Additionally, your homework assignments must compile in order to receive any credit

Labs

There will be weekly lab problems that you must complete

Two lab sessions:

- Tuesday and Thursday: 2:00pm-3:20pm
- Attend both!

Help by TAs

- Help by TAs is available almost every day each week
  - Schedule is forthcoming (will be posted on course website)

- Come with specific questions and/or code with which you need help
  - TAs strive to spend time with everyone who comes to help sessions so be courteous and share the TA's attention

Getting Help - Piazza

We will use Piazza to post questions and get help from instructors and TAs

- You should receive an email to signup for Piazza later today

All questions on the course material should be posted on Piazza

- Only email the instructor for personal matters or if you need to schedule a meeting

Do not post more than a few lines of code for a homework assignment or any solutions

- Please visit office hours for the instructor or TAs if you need more extensive help debugging your code

Tutoring Center

The tutoring center provides 1 hour of free 1:1 tutoring each week

- This is a great source of additional help

Contact the Tutoring Center as soon as you realize you need extra help

Grading

- Assignments: 45%
- Midterm exams: 30%
- Class participation: 5%
- Final exam: 20%

- Makeup exams will only be given for verified, officially sanctioned university activities
- Makeup exams may be oral

Final Grade Calculation

Letter	Minimum Percentage
A	90
A-	85
B+	80
B	75
B-	70
C+	65
C	60
C-	57
D+	54
D	50
F	<50

Your exam and assignments averages **must each be at least 60%** to earn **at least a C** in the course.

Cooperation vs Cheating

- Cooperation (talking over problems) is a good way to learn and is encouraged
- Do not copy code. Do not let others look at or copy your code
- Copying is not allowed on homework or exams no matter the source (written or verbal)
- When you submit your homework or tests, you are pledging that the work is your own and you have not copied it. You are also pledging that you have not allowed others to copy yours
- ***DO NOT COPY! (Software tools catch it easily)***
- If you cheat, you will be brought up on academic dishonesty charges, the penalties for which can include expulsion from the University

Exam Dates

- See the course schedule for the exact dates

- Midterm exam dates are tentative
- Final exam date is fixed

How to Succeed in this Class

Attend every class (lecture and lab)!

- Not all information is in my lecture notes or in the book
- I will do in-class demos to show off many concepts
- We have in-class practice assignments and problems to solve to help you learn

Take the homework and lab assignments seriously

- Start early. Homework will take longer than you think

Do the reading assignments and review the lecture notes and try out example code

- Learning to code involves learning to read other people's code

Be on time to class

- Announcements and hints to homework are given at the start of class

Ask questions right away if confused. Ask in class, ask a TA, or come to our office hours.

- Don't stay confused and don't get behind!

Introductions

We will take turns introducing ourselves

Everyone turn on their video

When I call upon you:

- Unmute yourself
- Say your name, major, and year

Next Steps

Check out the course website

- http://www3.cs.stonybrook.edu/~alexkuhn/cse114-fall2020/
- Fill out the class survey form before next class – posted on the course schedule

Reading assignment for this week: Chapter 1 of "Think Java" textbook

Read the course syllabus – posted on the website