Welcome!

- Lectures
  - TR 11a - 12:15p @ Beaupre 105
- Labs
  - W 10a - 11:45a @ Tyler 53/55
  - F 10a - 11:45a @ Library 166
- Office Hours
- Course Website
  - http://homepage.cs.uri.edu/~malvarez/teaching/212-fa18/index
- Sections
  - M 5p - 6p @ TBA
  - T 5p - 6p @ TBA

CSC 212?

- Review of basic principles of analysis of algorithms
- Introduction to fundamental data structures and their algorithms
  - arrays, lists, stacks, queues, trees, hash tables, graphs
- Survey of classic algorithms for sorting and searching
- Introduction to C/C++ and programming tools

CSC 212 is NOT about learning a new programming language

Recommended Textbooks
C++?

### Recommended Tools
- although you are free to use any IDE on any platform, we will grade all assignments using g++ on a Linux machine
- CS50IDE is strongly recommended!
- vim, g++, gdb (running on Linux)

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Learning C/C++

- Read a book
- Enroll in a MOOC
- Solve Challenges

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Grading (subject to change)

- **Assignments**
  - ~6 programming assignments (25%)
  - ~12 problem sets (5%)
  - lab attendance (5%)

- **Exams**
  - 2 midterm exams (35%)
  - 1 final exam (30%)
  - All exams are based on lectures and problem sets

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Programming Assignments

- Discussions and collaboration are allowed, however you **must** write your own code
- All assignments are to be turned in on Gradescope by the due date
  - late submissions are **NOT** accepted

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Plagiarism?

- just **don’t do it**
- if you get caught (chances are very high), your name(s) will be immediately reported for further sanctions
### What is expected from you?

- I do not spend time taking attendance … but …
  - students skipping lectures will (very) likely fail this class
  - if you don’t attend, its at your own risk
- **Participate** and think critically
  - ask questions (lectures, office hours, Piazza, …)
- Start assignments **early**
  - avoid copying/pasting or google’ing answers

### Participation

- Participation **in-class and outside** is strongly encouraged
  - lectures, labs, office hours, **sections, Piazza**, etc.
- Set some time aside to work on …
  - programming assignments, weekly readings, problem sets, discussion sections, preparation for midterms and final exam, learning new technologies and theories

### Need help?

- Post questions on **Piazza**
  - answer questions, share information
- Contact your TAs
- Come to **Office Hours**

### More info about CSC 212 …

http://homepage.cs.uri.edu/~malvarez/teaching/212-fa18/index