Introductions

Instructor (Sections A, B, & R01) & Coordinator:
Christopher Painter-Wakefield
aka Dr. Painter-Wakefield, Professor Painter-Wakefield, or CPW
Personal pronouns: he, him his

Office Hours:
- Wednesdays 3:00-5:00 pm
- Thursdays 1:00-3:00 pm
- By appointment
- Whenever my office door is open

Office: BB280I
Email: cpainter@mines.edu
Phone: 303-273-3717

Introductions

Instructor (Sections R02 & R03):
Clayton (Clay) Kramp
Personal pronouns: he, him his

Email: ckramp@mymail.mines.edu

What This Semester Is About

Learning objectives:
- Know basic data structures
- Understand and use (most of) C++ features
- Understand performance of algorithms

What This Semester Is About

Learning objectives:
- Know basic data structures
- Understand and use (most of) C++ features
- Extensions to stuff you already know
- Pointers & dynamic memory management
- Templates
- Inheritance
- Understand performance of algorithms
What This Semester Is About

Learning objectives:
- Know basic data structures
- Understand and use (most of) C++ features
- Understand performance of algorithms
  - How computer scientists measure performance
  - How to analyze performance of an algorithm
  - Performance of algorithms and data structure operations

Course Information

All course info is on the web at:
https://cs.mines.edu/Courses/csci262/fall2018

Lecture notes and assignments will be added regularly, so please check the site frequently!

We will also use Piazza for much of our communications (rather than Canvas), so it is important that you are on Piazza. It is linked from the course website.

Welcome Back

What you learned in CSCI 261 (or equivalent):
- Variables
- Types
- Arrays
- Expressions
- Conditionals
- Branches & Loops

You remember all of this, right? 😊

Up Next

- Today and Wednesday: Review Material
- Please skim/review chapters 1 – 6, 8, & 9 in your textbook
- Friday, August 24:
  - Lab 1 – Compile
  - APT 1 assigned