

**Doctors: Googling stuff online does not make you a doctor.**



**Programmers:**





# Lecture 0.0: Introduction

CS2308  
Gentry Atkinson

# Meeting Times



- Monday-Friday 10:00-11:40am
- In-person lectures.
- Office hours on Zoom:
  - Check “Announcements” for those links.

# Who Am I?



- Gentry Atkinson
- Adjunct and recently graduated PhD.
- My research focus is in machine learning and I'm always happy to talk about it.
- gma23@txstate.edu
  - Please contact me through email rather than through Canvas.
- Office hours: TBD



# Required Materials



- Textbook: *Tony Gaddis, Starting out with C++: From Control Structures through Objects*
  - 8<sup>th</sup>, 9<sup>th</sup>, or 10<sup>th</sup> edition is fine
  - Reference copy available in Alkek
- IDE: your choice. **CodeBlocks** is still “official”
- Bringing a laptop or tablet to class is a good idea but not required for lectures.
- You will need a laptop or tablet in class for exams.

# What Will We Cover?

A yellow pencil with a black eraser and a pink eraser are positioned in the top right corner of the slide, appearing to be part of the presentation's design.

- Algorithms and algorithmic efficiency.
- Pointers and pointer operations.
- Dynamic memory allocation.
- Library creation.
- Classes and object orientation.
- Programming in a Unix (or Linux) environment.

# Grading



- Exams: 40%
- Coding Projects (4): 40%
- In-Class Assignments: 10%
- Independent Quizzes: 10%
- Pre-req “exam” is available today

# Pre-Term Exam



- Worth 5% of overall grade.
- Review of CS1428 material.
- Multiple choice, on Canvas, and on your own time.
- Students who are not happy with their grades on this exam can raise them with a small “Coding Project 0”.



# Coding Projects



- Use a design document to implement a piece of software.
- One week of working time for each project.
- Students can discuss these projects with each other, **but you must list your collaborators in your authorship comments.**
- Everyone should submit their own copy of their own assignment (even if the code is identical).

# Academic Honesty



- Submitting someone else's code as your own is **always plagiarism**. Cite your sources and do not use homework/exam solutions from the internet.
- Do not post homework/exam questions or solutions. It doesn't help anyone learn and makes more work for me.
- I will post some slides on citing code on Canvas.
- Code from other students' past assignments (e.g. Chegg) should **never be submitted** for an exam or assignment.

# Important Dates

- May 31<sup>st</sup>: last day to add a class
- June 2<sup>nd</sup>: last day to drop w/o grade
- June 17<sup>th</sup>: last day to drop with a 'W'
- June 30<sup>th</sup>: final exam



# Extra Credit



- There are 5 extra credit problems available in this class.
- Each one is worth one point on your final grade.
- The problems are on HackerRank (which is a great source of coding challenges).
- The specific problems and instructions for submitting solutions will be posted on Canvas.
- There is no other extra credit.



# Questions or Comments?

(also read the syllabus)

