CS 225
Data Structures

August 23 – Introduction
G Carl Evans & Mattox Beckman
<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<td>A4</td>
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Mattox Beckman

- Email: mattox@illinois.edu
- Interests:
  - CS Education
  - Programming Languages
  - Anything involving fermentation
  - Irish music
  - Nightwish

https://mattox.web.illinois.edu
How to contact us?

• Admin Email
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• Discord
  https://discord.gg/YuEwhnR

• Piazza
  http://piazza.com/illinois/fall2021/cs225
Everything about CS 225

https://courses.engr.illinois.edu/cs225/

Information on:

Staff
Communications
Lab Sections
MPs
Exams
Grading
Academic Integrity
# Grading Notes

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* To get an A+ you need the score of 970 but you also need to have your final project or for some other work in this course to be seen as exceptional.
What is this course about?
Variables in C++

```cpp
int myFavoriteInt;

char grade = 'A';

double gamma = 0.653;

Cat katia, gwenevere;

Cube rubix;

Person evans;
```
Encapsulation
Encapsulation

Cube.h

Cube.cpp
```cpp
#pragma once

class Cube {
    public:

    private:

};
```
```cpp
#include "Cube.h"

double Cube::getVolume() {
}
```