

Welcome to ICS4U!

Grade 12 Computer Science w/ Mr. Emmell

What is this course about?

Web development!

- Learn how to build interactive web sites

Along the way...

- HTML / CSS
- Javascript (Programming Language #1)
- PHP (Programming Language #2)
- MySQL (Databases)
- Linux Servers

How will I be assessed?

You will have tests & small assignments,
and one large final project.

The idea is that assignments will help
you prepare for the tests.

What are my expectations?

PARTICIPATE!!!

- Lots of self-driven learning here
- Almost always: buy-in + effort = understanding & skills

Treat each other well, with respect and open mindedness

- Lots of group work here
- Groups are good! Support each other, help debug, help learn
- A great way to learn is to explain the concept to someone else

What are my expectations? (continued)

- What's the deal with plagiarism?

- Usually not a problem in this class since the projects are so big and done with so much variety
- You are encouraged to discuss your work with others
- You should write ALL YOUR OWN CODE
- This includes avoiding copy/pasting from 'stack overflow'!
 - You will find many ideas for solutions on the web.
 - That's awesome!
 - You should write **all** your own code.
 - It should all make sense to you and be yours.
- This also includes not using AI for your work. You're only hurting yourself by not developing the skills

How will we be given information?

Check my website!

<https://www.emmell.org/ics4u/>

This is where assignments & notes will be posted.

Code snippets / examples will all be posted from the same place you are doing your work

So where do we do our work?

Your work will take place on my development server

dev.emmell.org

This is a public facing web server that you can log into - you all have accounts!

Let's give it a go

As referenced on my website (see "webserver instructions")

Software we need:

- Visual Studio Code
- Chrome