

COSC 122

**Study Overview**

***Summary***

COSC 122 started with an introduction to information technology terminology and some tools like Markdown and VS Code. There are a lot of terms to remember describing hardware, software, and key concepts. After learning some terminology, we saw how the Internet works including web browsers and email programs. We spent considerable time learning a programming language, HTML, which allows us to create web pages. The last topic we learned is bootstrap, which is a framework to make beautiful webpages quickly and painlessly.

“Two Things I Learned” Table

There is a usual a “Two things I Learned” in each lecture that is extremely important. As far as I remember, the table below summarizes the most important concepts in each lecture.

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| Lecture Notes Topic | Two Things |
| Course Setup | 1. The class syllabus and staff. 2. The programs needed (i.e. Github). |
| Filesystems, Markdown, and Terminology | 1. Markdown syntax. 2. Key terminology in Computer Science. |
| HTML and Debugging | 1. HTML tags and formatting 2. Debugging definition, purpose, and procedure. |
| Networking and the Internet | 1. Internet definition, protocols, and impact to society. 2. IP addresses and domains, communication, and servers. |
| Spreadsheets, Microsoft Word, PowerPoint | 1. Spreadsheets definition, structure, and purpose. 2. Microsoft Word and PowerPoint concepts. |

My Study Checklist

* Be able to provide definitions for terminology (e.g. programming, algorithm, program, language).
* Be able to explain the key ideas of the Internet (TCP/IP, WWW, DNS, Ethernet)
* Be confident in my ability to create HTML code to produce a document.
* Be able to perform binary/decimal conversations.
* Read the notes (hopefully for at least the second time) to make sure I didn’t miss anything.