**Instructional Strategies**

**Direct Instruction**

Direct Instruction is the time I spend in front of the class, providing instruction on the material being covered. Students learn about skills and definitions that will be used for the activities that will be expected to be completed. Much of what we do would be considered direct instruction, demonstrating the use of technology and providing information to students about how to complete projects.

Frequently in my class I use direct instruction to explain materials in the book or on the screen. I will use a PowerPoint to explain concepts about web development and the different elements. I will then follow this up with a step-by-step guide instruction, moving into the students following along to help them learn the material. This is often followed up with an assignment, project or test.

**Indirect Instruction**

I use Indirect Instruction by giving students scenarios in which they must find a solution. For example, I may give students an example where a client needs a website and has several design or functionality requirements. With this information the students are to answer questions about potential solutions when asked. This is an excellent way to get students to use critical thinking skills and build their troubleshooting skills in the process.

**Experiential Learning**

I use experimental learning by pairing students up in groups and create scenarios where one student or a group of students emulate a business which requires a website built. They must put together a list of requirements for the other student(s) to come up with a functional solution. These projects typically take several days or weeks but they are an excellent way to get students to gain experience with an emulated real-world experience. It provides them the opportunity to see how a solution could developed and gain the confidence to continue and learn more in the future. These projects also often include a lot of discussion amongst peers and myself.

**Independent Study**

**I will use Independent study for content that requires students to learn concepts that are less tangible in the classroom environment, such as, “How the Internet works”. These assignments often require research and a significant amount of time spent creating documents or presentations to show they have learned the material. In some instances, I will put several students in a group to help each other. I will also require a presentation of the information at the end of the project via either PowerPoint presentations or presentation of an informational website.**

**Interactive Instruction**

To incorporate interactive instruction, I will have students use discussion boards or cutting-edge technology presentations with class discussions. Students are encouraged to think of and present in the discussion new ways to implement the new technology being introduced. This will get students to think about different scenarios in which they can use the new technology within their desired field of work. This helps with communication skills as well as critical thinking and other soft skills.