**Digital Technologies 120 Course Outline**

**Mr. R. Martin**

This course is designed to introduce you to cutting edge technology and techniques used in the multimedia industry. You will use industry standard software which will prepare you for post-secondary studies in technology schools.

The class is divided into several units. Each unit will begin with an introduction followed by demonstration of the various software packages. Using the software packages you will be required to complete projects which will highlight what you have learned**.**

**Unit 1: Digital Imaging**

* Photoshop CS4 - Digital Imaging Technology
* Basic Image Editing Skills – brushes, text, layers
* Advanced Image Editing Techniques – filters, advanced layers
* Producing Your Images

*Recommended software: Fireworks, Photoshop & Photoshop Elements, Gimp*

**Unit 2: Web Design**

* Web Design Dos and Don’ts
* HTML Authoring
* Behavior and Interactivity

*Recommended software: Dreamweaver, iWeb, Notepad++*

**Unit 3: Stop Animation / Digital Video**

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| ***Preparation***   * Idea conception * Scripting * Storyboarding * Start with the end in mind | ***Digital Video***   * Lighting * Audio * Composition Techniques * Camera Movements * Green Screen |

**Unit 4: Digital Audio**

* Audio Basics
* Working with Digital Audio
* Recording Audio
* Digital Audio Software
* Audio Editing

*Recommended software: Audacity, Adobe Audition, ProTools, Garageband*

**Evaluation**

10% Classmark

60% Assignments

10% Video Announcements

20% Final Project