

COMPUTER MULTIMEDIA PRODUCTION 41G – CMM41G **Prerequisite CMM31G**

This course will build on the skills established in the CMM21G and CMM31G courses. Students will further develop techniques in digital video and audio manipulation/production as well as advanced Macromedia Studio MX features.

Focus will be on the integration of student created media in major individual as well as group projects, working as part of a team as well as performing individual tasks within the group. Students will learn the various roles involved in production of a project including, producer, director, lighting, etc. Students will also explore available post-secondary training and careers in the field.

Identify various audio/video cables/connectors and their common uses. Eg. XLR, Firewire, BNC

Identify and show proper use of various camera movements. Pan, tilt, dolly

Describe and setup a multi camera shoot for a live event, (school musical production, school talent show, school sporting event)

Perform live editing and post production editing of a live event multi camera shoot.

Describe different microphone types and their pickup patterns, performance characteristics. Eg. Dynamic, condenser, ribbon, Omnidirectional, cardioid, unidirectional

Describe multi microphone setup and how to reduce issues such as phase cancellation, hum, buzzes, etc.

Describe and utilize audio mixing from various sources

Describe why Foley is used in production and various Foley techniques, and terminology

Create Foley effects for a sample video

Describe why ADR is used in production and various ADR methods

Further exploration and use of storyboarding, lighting, sound, video and film applications will be explored.

Mark breakdown will be as follows:

Daily assignments	- 40%
Projects	- 40%
Final Project(s)	- 20%

Process:

Using computer based programs such as Macromedia Flash, Dreamweaver, Fireworks, Freehand, Microsoft movie maker, Final Cut, iMovie, Garage Band, iDVD and Word
Extensive use of Video capturing and Video editing techniques will be explored

Other resources as outlined on the school webpage, and supplemental articles and news items relating to technology.

Successful students will exit with a better understanding of technology as it relates to media manipulations and creations, modern media techniques, and consumerism as it relates to print, television and new media.