



A POLYTECHNIC INSTITUTION

School of Business

MDIA 4310

Program: Associate Certificate in Web Technologies

Advanced Flash Web Design

**Prerequisites:**

Completion of the Associate Certificate or equivalent  
May be taken as a stand-alone course with MDIA 3208 or equivalent as a prerequisite.

**Course is a prerequisite for:**

Completion of the Certificate Program

<b>Hours/Week:</b>	3	<b>Lecture:</b>	3	<b>Lab:</b>	3	<b>Total Hours:</b>	36	<b>Level:</b>	Certificate
						<b>Total Weeks:</b>	12	<b>Credits:</b>	3

**Course Description:**

This course is designed to build on the skills learned in the introductory Flash course to help students make their Flash animations more interesting and interactive. Topics for this course include: controlling multiple timelines, changing movie clip properties, variables, conditional statements, preloaders, draggable objects, controlling the mouse, and Flash in HTML. By the end of the course students will be able to make fully interactive Flash movies and incorporate them into their HTML to bring their sites to the next level.

**Evaluation**

		<b>Comments:</b>
Assignment 1	20%	Using multiple timelines
Assignment 2	0%	Manipulating object properties, and using variables
Assignment 3	20%	Creating dynamic preloaders
Assignment 4	30%	Drag and drop objects
Assignment 5	30%	Integrating your movies seamlessly into an HTML page
<b>Total</b>	<u>100%</u>	

**Course Learning Outcomes:**

At the end of this course the student will be able to:

- control multiple timelines in their animations,
- manipulate movie clip properties,
- use conditional statements in Flash,
- employ variables in Flash,
- create fully interactive Flash interfaces and animations,
- create Flash-based games,
- write Action Scripts in Flash, and
- integrate animations seamlessly into complex Website.

**Text(s) and Equipment:**

**Required:** None

**Recommended:** None