



# ACS - multimedia techniques - NWE.24

## The multimedia computer graphics designer

The multimedia computer graphics designer works in production studios, using his or her skills to conceive, develop and execute various projects, including videogames, educational and interactive products, informative or promotional documents, etc. The multimedia computer graphics designer should have mastery of numerous specialized programs and be able to work on both the Macintosh OS and Windows PC platforms.

- Length of program: **12 months**
- **20 hours of coursework (self-paced learning, virtual evening classes)** and individual work per week

The **600-hour** ilasallecampus Multimedia Techniques program is based on Inter-Dec College's Multimedia program and recognized by PCTIA of British Columbia and by the Québec Ministry of Education, Leisure and Sport.

## General objectives

This program will teach you the skills required to create various types of interactive products and multimedia applications. As a result, you will be qualified to produce multimedia projects; develop interactive scripts; integrate the various parts of a project; program, test and evaluate a prototype; understand the marketing strategies of products; plan and assess the production costs.

In the course of your training, you will learn to...

- do documentary research and study a project's feasibility.
- create visual components according to the objectives.
- develop digital imagery designs.

By the end of your training as a multimedia computer graphics designer, you will be able to understand and solve the problems inherent to the production of multimedia projects for the Internet or other media. You will also have developed critical thinking allowing you to analyze and comprehend new technological trends.

## Required software

- Adobe Suite CS, Premiere, Media Cleaner, Dreamweaver, Flash, Director, Microsoft Project, Excel, Word, Visio, PowerPoint, Soundforge, ACID, Shockwave, Adaptec CD, 3D Studio Max.

## Minimum recommended equipment

- Microcomputer with 1.6MHz Pentium IV+ or Mac Intel \*
- Windows 2000, XP, Vista, Windows 7 or Mac OS 10.2+ \*
- Minimum 1GB of RAM
- High-speed Internet access
- Internet browser (Internet Explorer, Firefox, Safari or Opera)
- Minimum 1024 x 768 monitor resolution
- Sound card, headphones and microphone
- Application software and peripherals required for the course \*\*
- Burner
- Flat scanner

\* Please note that the online courseware and virtual class platform are compatible with both Mac and PC systems, but some of the software taught is compatible only with the Windows platform.

\*\* The software and materials required for this program are compulsory and offered at special student rates at LaSalle College's supply store, located at 2020 Ste. Catherine St. West, Montreal; tel: 514.939.4442 or online

## Program content

### Term 1

582-MA4-AS	Visual Design and Esthetics for Multimedia	60 hrs
582-MB3-AS	Scanning and Digital Image Processing	45 hrs
582-MC3-AS	Interactive Multimedia Screenwriting	45 hrs
582-MD3-AS	Audio Techniques	45 hrs

### Term 2

582-ME4-AS	Digital Image Retouching for Multimedia	60 hrs
582-MF3-AS	Web Site Development	45 hrs
582-MG3-AS	Digital Video Editing	45 hrs
582-MH3-AS	Estimation and Commercialization of Multimedia	45 hrs

### Term 3

582-ML4-AS	Interactive Multimedia	60 hrs
582-MJ3-AS	Animation and Special Effects	45 hrs
582-MK4-AS	Producing a Web Project	60 hrs
582-MM3-AS	Job Search Skills	45 hrs

### Total

600 hrs

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