# SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY
## SAULT STE. MARIE, ON



# COURSE OUTLINE

**Course Title:** **Multimedia Production**

**Code No.:** **MMW103**    **Semester: One**

**Program:** **Multimedia & Web Design**

**Author:** **MARCEL VANLANDEGHEM**

**Date:** **Sept 2000**    **Previous Outline Date:**

**Approved:** _____  _____
　　　　　　　　　　**Dean**　　　　　　　　　　　**Date**

**Total Credits:** **4**    **Prerequisite:**

**HOURS/WEEK** **4**

| **Multimedia Production** | **MMW103** |
|---|---|
| **COURSE NAME** | **COURSE CODE** |

## I . COURSE DESCRIPTION :

This course develops a practical ability to design and implement multimedia presentations. Students will be introduced to new hardware and software technologies currently being used to create effective presentations.

Students will be introduced to concepts relating to presentation design, computer hardware requirements, media capture, file formats, media storage and presentation hardware will be developed  and used in the creation of the presentation.

Production and development will occur using various software tools currently Being used in today's market.

## II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

 Upon successful completion of the course the student will demonstrate the ability to:

## 1 . Understanding Multimedia.

### *Potential elements of the performance:*

* Understand Multimedia and why it is so important
* Understand the growth pattern and potential elements of growth
* Understand how Multimedia is changing the world
* Understand how multimedia effects Entertainment, Government, Medicine Encyclopedic Resources
* Understand Emerging Technologies
* Understand Multimedia and Application Development Packages

* This will constitute approximately 5 % of the course grade.

**2.**     Select Multimedia Hardware

  *Potential elements of the performance:*

- *Understand competing Multimedia Standards*
- *Understand Microsoft MCI Standards*
- *Understand Apple's Quick Time*
- *Understand IBM Ultimedia*
- *Understand Intel's Digital Video Interactive (DVI)*
- *Understand System Configurations*
- *Understand Multimedia Accessories*
- *Understand Multimedia Read/Write Storage Devices*
- *Understand Multimedia Auxiliary Devices*
- *Using a Multimedia Buyers Checklist*

  This will constitute approximately 5% of the course grade.

**3.**     **Planing a Multimedia Project**

  *Potential elements of the performance:*

- Understand  Multimedia Presentations?
- Understand the steps to plan a project
- Understand Interactive Control Structure
- Understand how to storyboard ideas for a multimedia media project

  This will constitute 5 % of the course  grade.

**4      Multimedia Files & Compression Techniques**

***Potential elements of the performance:***

- Understand various multimedia File Formats and Types
- Understand and create Multimedia Text
- Understand and create Graphic Backdrops and hanging Pictures
- Understand and create Hypertext, Hyper Pictures, Hyper Buttons
- Understand and create Video
- Understand and create Audio and Midi Sequencing
- Understand and create Waveform Audio Recording
- Understand and create images from digital camera/scanners
- Understand and Use Use animation techniques
- Understand and Use Image mapping
- Understand and Use File Compression Techniques.

This will constitute 5% of the course grade.

**5      Using Multimedia Files and Presentation Software**

***Potential elements of the performance***

- Understand a slide show presentation
- Adding Clipart to a presentation
- Adding Animation to presentations
- Understand and use Slide Transition
- Insert Multimedia files into a presentation Sound, Video etc
- Animating Clipart in a presentation
- Saving and Printing a presentation
- Running a Presentation

This will constitute 30% of the course grade

**6        Understand basic Web Page**

*Potential elements of the performance*

Understand the construction of a basic Web Page
Create a basic Web Page
Create and Insert Multimedia Files into a basic Web Page
Investigate and use an animation Tool and Graphic Editor
Investigate and Use Image Mapping
Investigate and Use basic Flash Technologies
Applied Project

This will constitute 20 % of the course grade

**7        Using Macromedia Director**

*Potential elements of the performance*

- Understand Director  and basic Concepts
- Understand how to use and set Score and Stage
- Understand Sprites and Projectors
- Understand how to use images shapes and text
- Understand Frames and Channels
- Managing multimedia Files
- Adding Video, Audio, and Animation to a movie
- Adding Navigation to your Movie
- Distribute the product on a CD
- Putting Your Finished Product on the Web
- Create a Macromedia Director Project for Distribution

This will constitute 30 % of the course grade

## III.     TOPICS TO BE COVERED

### TOPICS

**1        Understanding Multimedia.**
**2        Selecting Multimedia Hardware**
**3        Planing a Multimedia Presentation**
**4        Multi Media files and Compression Techniques**
**5        Using Multimedia Files with Presentation Software**
**6        Using Multimedia Files in a Web Page**
**7        Using Macromedia Director vs 8/Shock Wave/Flash Concepts**

## IV.   REQUIRED STUDENT RESOURCES/TEXTS/MATERIALS

**Director Academic 8**
**Power Point**
**Instructor Handouts**


## V    EVALUATION PROCESS/GRADING SYSTEM :

### Marks Breakdown:

| | |
|---|---|
| Test | 40% |
| Presentation Project | 20% |
| Web Based Project | 10% |
| Director Movie Project | 30% |
| Total | 100% |

**The following semester grades will be assigned to students .**

| Grade | Definition | Grade Point Equivalent |
|---|---|---|
| A+ | 90 - 100% | 4.00 |
| A | 80 - 89% | 3.75 |
| B | 70 - 79% | 3.00 |
| C | 60 - 69% | 2.00 |
| R (Repeat) | 59% or below | 0.00 |
| CR (Credit) | Credit for diploma requirements has been awarded. | |
| S | Satisfactory achievement in field placement or non-graded subject areas. | |
| U | Unsatisfactory achievement in field placement or non-graded subject areas. | |
| X | A temporary grade.  This is used in limited situations with extenuating circumstances giving a student additional time to complete the requirements for a course (see *Policies & Procedures Manual – Deferred Grades and Make-up*). | |
| NR | Grade not reported to Registrar's office.  This is used to facilitate transcript preparation when, for extenuating circumstances, it has not been possible for the faculty member to report grades. | |

## VI.    SPECIAL NOTES:

### Special Needs:
If you are a student with special needs (e.g. physical limitations, visual impairments, hearing impairments, or learning disabilities), you are encouraged to discuss required accommodations with your instructor and/or the Special Needs office.  Visit Room E1204 or call Extension 493, 717, or 491 so that support services can be arranged for you.

### Retention of course outlines:
It is the responsibility of the student to retain all course outlines for possible future use in acquiring advanced standing at other postsecondary institutions.

### Plagiarism:
Students should refer to the definition of "academic dishonesty" in *Student Rights and Responsibilities*.  Students who engage in "academic dishonesty" will receive an automatic failure for that submission and/or such other penalty, up to and including expulsion from the course/program, as may be decided by the professor/dean.  In order to protect students from inadvertent plagiarism, to protect the copyright of the material referenced, and to credit the author of the material, it is the policy of the department to employ a documentation format for referencing source material.

### Course outline amendments:
The Professor reserves the right to change the information contained in this course outline depending on the needs of the learner and the availability of resources.

Substitute course information is available in the Registrar's office.


## VII.    PRIOR LEARNING ASSESSMENT:

Students who wish to apply for advanced credit in the course should consult the professor.  Credit for prior learning will be given upon successful completion of a challenge exam or portfolio.

## VIII.    DIRECT CREDIT TRANSFERS:

Students who wish to apply for direct credit transfer (advanced standing) should obtain a direct credit transfer form from the Dean's secretary.  Students will be required to provide a transcript and course outline related to the course in question.