

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



Sault College

COURSE OUTLINE

COURSE TITLE: Web Production

CODE NO. : MMW101 **SEMESTER:** 1

PROGRAM: Multimedia and Web Design

AUTHOR: Bazlur Rasheed

DATE: June 2000 **PREVIOUS OUTLINE DATED:**

APPROVED:

DEAN

DATE

TOTAL CREDITS: 4

PREREQUISITE(S):

HOURS/WEEK: 4 (1 hour theory + 3 hours lab)

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I. COURSE DESCRIPTION:

This course will introduce students to various web-authoring tools, validating HTML code. In this course students will practice insertion of sound clips, video clips, and animated graphics in their web pages. A major focus will be on the web site management.

II. A LEARNING OUTCOMES:

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

1. Create web pages using web-authoring tools.
2. Evaluate various utilities to validate code and links.
3. Insert sound clips, video clips, and animated graphics.
4. Compare different Web authoring tools.
5. Manage web site using appropriate tools.

II. B LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

1. Create web pages using web-authoring tools.

Potential Elements of the Performance:

- Describe Internet Connectivity, Domains & HTTP
- Differentiate between browsers (Netscape, Internet Explorer)
- Access Internet Servers with FTP and Telnet

- Create simple HTML Pages and publish on Web Servers
 - Familiarise with Web Authoring Tools
 - Home Site 4.5
 - Dream Weaver 3.0
 - Cascading style sheets, layering, behaviours and timelines are all presented along with introductory techniques for including multimedia interactivity
 - Use HTML mark-up language
 - Head & Body elements
 - Formatting text
 - Establishing links & anchors
 - Ordered & unordered lists
 - The creation of multi-page web sites
2. Evaluate various utilities to validate code and links.

Potential Elements of the Performance:

- Validate Code and links
 - Using Home Site 4.5
 - Use of HTML Reference Library
 - Other Validating Tools
3. Insert sound clips, video clips, and animated graphics.

Potential Elements of the Performance:

- Integrate Audio on web pages
 - Insert Sound clips of various file formats
 - Configure browsers to use different audio players
- Integrate Video on web pages
 - Insert Video clips of various file formats
 - Understand the use of Graphics Tools
 - Work with various image formats, image compression methods
 - Use various software tools
 - Microsoft PhotoEditor
 - GIF Construction set
 - Macromedia Fireworks.
 - Understand efficient page design, in terms of graphic file types and bandwidth concerns are explored.

- Include Motion
 - Animated Graphics
 - Scrolling Banners
 - Special effects
 - Integrate Java Applets

4. Compare different Web authoring tools.

Potential Elements of the Performance:

- Compare and contrast different Web Authoring tools
 - Home Site 4.5
 - Dream Weaver 3

5. Manage web sites using appropriate tools.

Potential Elements of the Performance:

- Manage web sites
 - Configure a sample Web server
 - Understand directory structure
 - Secure access control
 - Secure Publishing Control
 - Manage Access & Error logging
 - Understand Web Server monitoring & management

III. TOPICS:

1. Web Page and HTML.
2. Web Authoring Tools versus HTML code.
3. Create Web Pages using Authoring tools, e.g., Dream Weaver, Home Site.
4. Validate Code and Links.
5. Insertion of Sound clips.
6. Insertion of Video Clips: Adobe After Effects.
7. Include Motion.

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8. Comparison of different Authoring Tools.
9. Introduction to Web Site Management.

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:**Textbooks:**

1. "Dreamweaver 3"; by- Lynda Weinman and Garo Green; Peachpit Press; ISBN: 0-201-70276-2

Other Resources:

Internet,
Instructor handouts.

V. EVALUATION PROCESS/GRADING SYSTEM:

The mark for this course will be arrived at as follows:

3 Written Tests @ 15% each	45%
Lab Assignments and Quizzes	25%
Project: Creating a Web Site	<u>30%</u>
Total	100%

The following semester grades will be assigned to students in post-secondary courses:

<u>Grade</u>	<u>Definition</u>	<u>Grade Point Equivalent</u>
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 post-secondary 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.