SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO

Sault College

COURSE OUTLINE

COURSE TITLE: Introduction to Computer Graphics

CODE NO. :   MMW 109-04   **SEMESTER:**   One

PROGRAM: Multi-Media Web Design

AUTHOR: Terry Hill

DATE: 00F   **PREVIOUS OUTLINE DATED:**   None

APPROVED:

_____   _____
                                          DEAN   **DATE**

TOTAL CREDITS: 4 credits

PREREQUISITE(S):   Program admission requirements

Hours/ Week   3 hours class
time per week

_____   _____
Course Name   Code No.

I.   COURSE DESCRIPTION:
Freehand 8.0 will be used to familiarize students with the concepts of creating and drawing on the computer. The idea of traditional design process will be stressed and students will use traditional design methodology to establish a plan to complete projects.

II.   LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

Upon successful completion of this course, the student will demonstrate the ability to:
1   Describe the differences between CMYK and RGB colour aplications
2   Understand and employ basic colour theory to aid in the communication of ideas and concepts
3   demonstrate an ability to create graphics for web and multi-media uses
4   Employ the use of visual language to communicate basic ideas
5   employ the method of design process in planning projects

1.   6   Describe the differences between CMYK and RGB colour aplications
Potential Elements of the Performance:
- define and recall CMYK and RGB definitions
- demonstrate an ability to indicate where each colour system can be used effectively

3.   Understand and employ basic colour theory to aid in the communication of ideas and concepts
Potential Elements of the Performance:
- demonstrate an understanding of how people see and process colour information
- compare and contrast subtractive and additive colours
- demonstrate an ability to create a colour wheel on the computer
- define and recall definitions for complementary, and analagous colour harmonies.

3   demonstrate an ability to create graphics for web and multi-media uses
Potential Elements of the Performance:
- demonstrate an ability to redraw existing business graphics
- demonstrate an ability to save graphics in a multitude of file formats

4   Employ the use of visual language to communicate basic ideas
     Potential Elements of the Performance:
     -    demonstrate an ability to use line, shape, dimension, tone, colour,
          and texture effectively to communicate a specific concept
     -    demonstrate an ability to create visual effects using graphics
          software

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5   Employ the traditional design process method tin planning the
     creative part of projects
     Potential Elements of the Performance
     -    define and recall the development stages of a design project
     -    demonstrate an ability to define and analyze a target audience
     -    demonstrate an ability to identify specific communications issues
          with a specific target audience
     -    effectively plan a project using traditional design planning
          methods

III.   TOPICS:

1.   Introduction to Mac
2.   Introduction to Freehand 8.0 and tools
3.   Using tools of a drawing program
4.   Introduction to colour theory
5.   Introduction to file formats and transfer of files
6   Recreating business graphics

IV.   REQUIRED RESOURCES/TEXTS/MATERIALS:
     TBD – Frank – you may need to do some research here to get the
     appropriate text if one exists. If a text is not appropriate or cannot be found
     you will need to develop handout material for the students so they have
     some visual guide on difficult concepts

     **List of assignments and tests and their weighting in relation to the
     final semester grade**

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V. EVALUATION PROCESS/GRADING SYSTEM:

Assignments + 100% of final grade
Assignments will constitute 100% of the student's final grade in this course. A missing assignment is equivalent to course objectives not achieved which results in an "R" (repeat) grade for the course.
The following semester grades will be assigned to students in postsecondary courses:

Grade	Definition	Grade Point Equivalent
A+	90 - 100%	4.00
A	80 - 89%	3.75
B	70 - 79%	3.00
C	60 - 69%	2.40
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 been impossible for the faculty member to report grades.	

Midterm grades:
Midterm grades are granted as "S" for Satisfactory progress and "U" for unsatisfactory progress. Unsatisfactory progress in two or more courses requires an appointment with the Program Co-ordinator or the School's Dean.

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, as may be decided by the professor. 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.

Homework:
This is a four credit course delivered in a 3 hour supervised format. It is expected that a minimum of one hour homework be done each week.

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.

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Deductions – Lates and Incompletes

Lates:
An assignment is considered late if it is not submitted at the time and date specified by the instructor.
A late assignment will be penalized by a 5% deduction for each week that its late. The total late penalty Will be deduced from the final grade. Eg. 3 weeks late = 15% deduction from final grade.
Maximum grade for a late assignment is "C"
A late assignment which is not executed to a minimum C (satisfactory) level will be assigned an incomplete grade with additional penalties outlines below.

Incompletes
An incomplete grade is assessed to an assignment which has not been executed to a minimum satisfactory "C" grade level or in which the directions have not been followed correctly.

An incomplete assignment must be entirely re-done or corrected according to the instructor's specific instructions and resubmitted within one week.

An incomplete assignment will be penalized by a 5% deduction from the final grade.

Maximum grade for an incomplete assignment is "C"

Incomplete assignments not submitted within the one week
Timeframe will be subject to 5% late deductions for each week they are overdue.

Attendance:
Significant learning takes place in the classroom setting through an interactive learning approach; therefore students are expected to attend all classes and inform the instructor of an anticipated absence. Attendance is mandatory for this course to ensure the course requirements and objectives are met. A total absence of 3 classes for the semester will be tolerated. After 3 absences penalties will take effect, an additioal 10% will be deducted from the final grade for this course per class missed.
i.e. 4 classes missed = 10% deduction form final grade
5 classes missed = 20% deduction from final grade

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VII.   PRIOR LEARNING ASSESSMENT:

Students who wish to apply for advanced credit in the course should consult the instructor. Credit for prior learning will be given upon successful completion of the following:

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.