SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO

Sault College

COURSE OUTLINE

COURSE TITLE: COMPUTER GRAPHICS I

CODE NO. : ADV 2370   **SEMESTER:** THREE

PROGRAM: GRAPHIC DESIGN

AUTHOR: FRANK SALITURI

DATE: 02F   **PREVIOUS OUTLINE DATED:** 01F

APPROVED:

_____   _____
                DEAN   **DATE**

TOTAL CREDITS: 4 CREDITS

PREREQUISITE(S): ADV 122, 110, 111, AND 113

HOURS/WEEK: 3

I.   COURSE DESCRIPTION:
This course is a continuation of Introduction to Computer Graphics. The illustrative program 'FreeHand 'will be explored to a more advanced level. Emphasis will be placed on the development of exciting, creative and personalized computer graphic images. Students are introduced to PageMaker, a layout software package, and PhotoShop, a photo manipulating and scanning software package. Students will see how these three software packages can be used in conjunction with each other to create effective design and layout projects.

II.   LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

1.   ***Create effective page layouts***

     Potential Elements of the Performance:
     • *Demonstrate the ability to properly set column widths based on size of text*

     • *Demonstrate an ability to use visual information hierarchy*

     • *Practice and refine the use of indents and tabs.*

     • *Demonstrate an ability to use the styles palette for consistency*

     • *Demonstrate an ability to balance text and imagery on a page layout*

2.   ***Accurately draw a 3D object using illustration software***

     Potential Elements of the Performance:
     • *Effectively use the pen tool*

     • *Demonstrate the proper selection of corner, curve, and connector points to effectively create shapes.*

     • *Apply colours and gradients to achieve 3D representation*

3.   ***Produce and use scanned images***

     Potential Elements of the Performance:
     • *Demonstrate an ability to select correct scanner settings.*

     • *Determine the correct image size in relationship to the layout.*

• Distinguish between photograph, newspaper, or magazine scanning.

• Apply proper RGB, Gray scale, or Line art settings.

• Describe the differences between RGB and CMYK and when to use them

• Effectively use the program PhotoShop to perform basic image manipulations.

4. **Develop and implement solutions to basic design problems.**

    Potential Elements of the Performance:
    • Demonstrate organizational skills such as scheduling, prioritizing, planning, and time management.

    • Demonstrate the ability to work within project restrictions and time limitations.

    • Make effective design presentations, as per instructor specifications regarding directions and quality.

III.   TOPICS:

1.   Text layout and formatting

2.   Elements of design - line, shape, value, colour

3.   File formatting and file management

4.   Proper scanning techniques

5.   Professional presentation techniques

6.   Professional practices

7.   Computer illustration techniques

IV.   REQUIRED RESOURCES/TEXTS/MATERIALS:
100Mb Zip disks – students will be required to purchase matte board and cover stock as assignments warrant.

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%	2.00
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.	

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.

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 it's 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 additional 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

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.

Research:
Students have access to the computer studio outside designated class schedules. This gives them the opportunity to do independent research study.
Students are encouraged to use extensive research methods for obtaining proper visual references in the brainstorm/ideation process for design problem-solving. Research materials are welcome in the classroom to assist in the development of images. However, the direct copying of research reference is strictly prohibited by copy infringement laws. Wherever possible, the student should use real life visual reference rather than relying on existing two-dimensional imagery.

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.

Course Expectations:
Significant learning takes place in the classroom through an interactive learning approach; therefore, students are expected to attend all classes and to inform the instructor of an anticipated absence.

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.