SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO

Sault College

COURSE OUTLINE

COURSE TITLE: COMPUTER GRAPHICS II

CODE NO. :   ADV340-02   **SEMESTER:**   ~~THREE~~ *FIVE*

PROGRAM: GRAPHIC DESIGN

DATE: SEPT. 99   **PREVIOUS OUTLINE DATED:**   JUNE 98

APPROVED: _____
                          DEAN   **DATE**

TOTAL CREDITS: 7 CREDITS

PREREQUISITE(S):   ADV 235, 215, 221, 226, & 224

LENGTH OF COURSE: 16 WEEKS   **TOTAL CREDIT HOURS:**   112 CREDIT HOURS

I.   COURSE DESCRIPTION:

This course is a continuation of Computer Graphics I. In this course the student will continue to create from the drawing program FreeHand at a more advanced level. This program is one of the main illustrative programs in the industry. FreeHand is mainly an object orientated program while the program Photoshop also studied and explored in this program deals with photographic enhancements. Students will learn to save scanned images in special formats enabling them to cross over to other programs.

II.   LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

1.   Effectively use the computer program Photoshop.

Potential Elements of the Performance:

- Apply proper knowledge in applying PhotoLook and PhotoSnap

- Distinguish between gray scale, line art, and magazine scanning

- Effectlvely use filters to create exciting and unusual visual effects

- Determine the correct % selection for proper image output to the selected printer

- Make effective use of Apple Share

2.   Apply knowledge in producing high quality graphic images

Potential Elements of the Performance:

- Demonstrate proper plotting procedures to create exciting graphic images

- Effectively use proper colour blends

- Apply proper mixing procedures for correct output printing to the selected printer

- Recognize effective headlines by using 'converting to paths and 'bind to paths'

- Demonstrate a knowledge of perspective

- Distinguish between headings, body text, closing lines and logos
3. 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.

4. Apply appropriate, effective, and professional practices in the classroom studio setting.

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. The four colour process

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

3. Proper scanning techniques

4. Professional presentation techniques

5. Professional practices

6. Perspective

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.

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

- No textbooks required

V. EVALUATION PROCESS/GRADING SYSTEM:

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

MIDTERM ("S" or "U"):

Midterm grades are "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 post-secondary institutions.

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.

Homework:

Because this course is 7 credits delivered in a 3 hours supervised studio format, the equivalent of 4 hours per week minimum of homework will be expected outside the scheduled studio class.

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.

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

-   transcript and course descriptions/outlines from another institution.

-   interview and portfolio presentation.

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.

- An Incomplete assignment must be entirely re-done or corrected according to the instructor's specific instructions and re-submitted 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.

Preliminary Studies:

- All assignments require preliminary or intermediate steps such as thumbnails, roughs, and preliminary comprehensive layouts.

- These intermediate steps are evaluated according to criteria established by the instructor and submitted according to established timelines. The final grade for each assignment will be an average of the grade achieved for all stages of the assignment. This reinforces the importance of the preliminary stages of each project.

- Preliminary studies which are late or incomplete will be subject to the same penalty deductions as final presentations. Maximum grade for late or incomplete preliminary studies is "C".

ATTENDANCE:

- 80% attendance is mandatory. A **maximum** of **3 classes absent** (total 9 hours) will be tolerated.

- There will be a **10 % penalty** deduction from the final grade for each class missed after the maximum allowed of 3; a **5 % penalty** deduction will be assessed for half classes missed (before or after the break).

- A student who arrives any time after the class has begun will be assessed a **late** penalty of a half class missed - **5 %** deduction from final grade.

FINAL GRADE:

The final grade will be assessed in accordance with college policy.

	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.

All assignments are required to be successfully completed to meet the objectives of the course. A missing assignment is equivalent to course objectives not achieved, which results in an "R"
(Repeat) grade for the course.

DEDUCTIONS - LATES & INCOMPLETES:

Lates:

-   An assignment is considered late if it is not submitted at the time and on the date specified by the instructor.

-   A Late assignment will be penalized by a 5 % deduction for each week it is late. The total penalty will be deducted from the final grade eg 3 weeks late = 15 % deduction from the 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 outlined 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.