

**SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY**

**SAULT STE. MARIE, ONTARIO**



Sault College

**COURSE OUTLINE**

**COURSE TITLE:** COMPUTER GRAPHICS 2

**CODE NO. :** ADV 241                      **SEMESTER:** FOUR

**PROGRAM:** GRAPHIC DESIGN

**AUTHOR:** FRANK SALITURI

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

**APPROVED:**

|       |      |       |      |
|-------|------|-------|------|
| _____ | DEAN | _____ | DATE |
|-------|------|-------|------|

**TOTAL CREDITS:** 4 CREDITS

**PREREQUISITE(S):** ADV 237, 213, 230, AND 201

**HOURS/WEEK:** 3

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*School of Engineering Technology and Trades*  
*(705) 759-2554, Ext. 485*

**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 the proper formats, enabling them to import the images 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 scanning software
- Distinguish between gray scale, line art, and magazine scanning
- Scanning at proper dpi
- Determine the correct % selection for proper image output to the selected printer
- Make effective use of AppleShare

**2. Apply knowledge in producing high quality graphic images using Freehand**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 a command of the design process from research and analysis through to appropriate levels of presentation (e.g. thumbnails, layouts, comprehensives) to the final product.
- execute designs according to instructions using traditional media.
- demonstrate analytical ability in problem solving re design parameters and limitations.
- render all preliminary studies (thumbnails, layouts, comprehensives) and final presentations using appropriate degrees of detail 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. Using Vector based graphics and rasterized graphics

**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:

| <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 <i>Policies &amp; Procedures Manual – Deferred Grades and Make-up</i> ). |                               |
| 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.

## **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 deducted 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 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.

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 from final grade

5 classes missed = 20% deduction from final grade

### **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/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.

**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.

**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.

**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.