

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



Sault College

COURSE OUTLINE

COURSE TITLE: Software Research 1

CODE NO. : ADV 240-04

SEMESTER: 4

PROGRAM: Graphic Design

AUTHOR: Terry Hill

DATE: Sept 2003

PREVIOUS OUTLINE DATED: Sept
2002

APPROVED:

DEAN

DATE

TOTAL CREDITS: 4 credits

PREREQUISITE(S): ADV 237, ADV 230, ADV 213

HOURS/WEEK: 3 hours class time per week

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For additional information, please contact

*School of
(705) 759-2554, Ext.*

I. COURSE DESCRIPTION:

This is a course developed to introduce the student to creating vector graphics in Illustrator and using Adobe Acrobat to prepare files for remote printing or use on the web. The students will fully explore the development of vector graphics and understand their importance in the graphics industry. Differentiation will be made between graphics produced for print purposes and graphics produced for the web. Project management skills and time estimation skills will be crucial to the successful completion of this course.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

- 1 demonstrate a working knowledge of the basics of Illustrator 9.0,
- 2 Create PDF files for remote printing or internet transmission
- 3 Successfully manage large illustration projects
- 4 Apply vector graphics to various web and print applications
- 5 Demonstrate an ability to plan, time manage, and produce a large scale independent projects

1. demonstrate a working knowledge of the basics of Illustrator 9.0,
Potential Elements of the Performance:

- Demonstrate a good working knowledge illustrator 9.0,
- demonstrate an understanding of vector graphics and how they differ from raster graphics
- Demonstrate an ability to organize text into a typographical hierarchy
- Demonstrate an ability to illustrate assigned projects on the computer
- Apply vector graphics to web development software
- Demonstrate an ability to plan and develop websites

2. Create PDF files for remote printing or internet transmission

Potential Elements of the Performance:

- Demonstrate an ability to use Adobe Illustrator to create PDF files
- Demonstrate an ability to transmit PDF files over the internet
- Demonstrate an ability to develop files for remote printing using graphics software and Adobe acrobat

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3. Successfully manage large illustration projects

Potential Elements of the Performance:

- Demonstrate the ability to sufficiently research an assignment to understand the content of the assignment, the target audience, production restrictions
- Apply research skills to search out and examine similar existing

- design solutions for comparison
 - Practice and develop time management and project management skills
 - Render preliminary stages to communicate ideas effectively to others
 - Develop project to completion using proposed project plans
 - Demonstrate an ability to include the use of multiple artistic disciplines in project development including but not being exclusive to design, illustration, and computer skills.
4. Apply vector graphics to various web and print applications
Potential Elements of the Performance:
- Compare and contrast various vector graphics software applications
 - demonstrate an ability to use vector graphics in conjunction with web authoring and print production software
 - Demonstrate an ability to use existing resources such as the library, the internet, and personal interviews to complete research assignments
5. Demonstrate an ability to plan, time manage, and produce a large scale independent project
Potential Elements of the Performance:
- Demonstrate organizational skills such as scheduling, prioritising, planning and time management
 - Demonstrate the ability to define and work within the project restrictions and limitations
 - Create an outline (proposal) for an independent project
 - Demonstrate an ability to follow through a large project to completion based on a proposed plan

III. TOPICS:

1. Illustrator 9.0, Acrobat– basics, tools, document set up
2. vector graphics both web and print applications
3. adjusting vector graphics
4. Project management
5. Effective use of planning stages and time management
6. Creating professional proposals and presentations

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

Students will be required to use a variety of tools and supplies based on their individual approach to solving a design problem. Items from the portfolio kit purchased in semester 1 may be used as well as additional supplies can be purchased from the campus shop or local office supply stores. The student will also be required to purchase one or more (depending on individual student project requirements) lomega 100mb zip discs or recordable CD's to archive, back up and transport large files as required by their projects.

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
F (Fail)	59% and below	0.00
CR (Credit)	Credit for diploma requirements has been awarded.	
S	Satisfactory achievement in field /clinical placement or non-graded subject area.	
U	Unsatisfactory achievement in field/clinical placement or non-graded subject area.	
X	A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course.	
NR	Grade not reported to Registrar's office.	
W	Student has withdrawn from the course without academic penalty.	

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 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.

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.

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. Additional time may be required for studio set ups and preparation of complex photographic solutions.

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 is 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.

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.