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: June 2005   **PREVIOUS OUTLINE DATED:** Dec 2004

APPROVED:

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                             DEAN

                                           DATE

TOTAL CREDITS: 4 credits

PREREQUISITE(S) : ADV 236, ADV 238, ADV 213

HOURS/WEEK: 3 hours class time per week

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. Assignments will also explore incorporating vector graphics into web applications such as Flash. 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 Adobe Illustrator ,
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
6 Apply vector graphics to other applications such as flash and Indesign

1. demonstrate a working knowledge of the basics of Adobe Illustrator,
    Potential Elements of the Performance:
    - Demonstrate a good working knowledge Adobe Illustrator,
    - 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, and 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
   <u>Potential Elements of the Performance</u>:
   - 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
   7 Apply vector graphics to other applications such as flash and Indesign

   <u>Potential Elements of the Performance</u>:
   - Use vector files and Flash to explore concepts involving moving graphics
   - Explore readability issues and legibility issues surrounding moving typography

III TOPICS:
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1. Adobe Illustrator, 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
7. Moving typography and issues involving readability and legibility

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) memory sticks or ipods 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 "F" (fail) grade for the course.
This course will be evaluated in terms of a letter
grade indicating overall performance in this class. All
assignments are of equal weighting and the total sum of
grades achieved by the student will be averaged to
determine the final grade assessment

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%	
B	70 – 79%	3.00
C	60 – 69%	2.00
D	50 – 59%	1.00
F (Fail)	49% 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 F grades

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.

Fail (F) grades
A failing grade is assessed to an assignment which has
not been executed to a minimum satisfactory "D" grade
level or in which the directions have not been followed
correctly.

A failing grade assignment must be entirely re-done or
corrected according to the instructor's specific
instructions and resubmitted within a timeframe
specified by the Professor.

A failing grade assignment will be penalized by a 5%
deduction from the final grade.

Maximum grade for a resubmitted failing grade
assignment is "C"

Failed (F grade) assignments not submitted by the
specified deadline
will be subject to 5% late deductions for each week
they are overdue.

VII **PRIOR LEARNING ASSESSMENT:**
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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.

VII **DIRECT CREDIT TRANSFERS:**
I.
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.

RECLAIMING AND RETAINING PAST ASSIGNMENTS

**For the development of student portfolios it is important
that ALL past assignment work be reclaimed and retained by
the student.**

**It is the students' responsibility to reclaim assignments
after they have been assessed. Marked assignments will be
returned by faculty during classroom. If a student is
absent on the day that work is returned the work will be
held by faculty for a minimum of three weeks from the
return date after which, due to a shortage of storage
space, the work may be discarded**