

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



Sault College

COURSE OUTLINE

COURSE TITLE: SOFTWARE RESEARCH TWO

CODE NO. : ADV316 **SEMESTER:** FALL 2005

PROGRAM: GRAPHIC DESIGN

AUTHOR: RITCHIE DONAGHUE

DATE: AUGUST 2005 **PREVIOUS OUTLINE DATED:** AUGUST 2004

APPROVED:

	_____	_____
	DEAN	DATE

TOTAL CREDITS: 6 CREDITS

PREREQUISITE(S): ADV 240, ADV248

HOURS/WEEK: 3 hours supervised

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*For additional information, please contact C. Kirkwood, Dean
School of Technology, Skilled Trades & Natural Resources
(705) 759-2554, Ext.2688*

I. COURSE DESCRIPTION:

This course will build upon the skills learned using various industry standard software. Students will be required to develop a complete understanding of vector and raster based software packages as well as an intermediate understanding of animation for web based graphics using Macromedia MX Suite. There will be particular emphasis on industry standard methods of producing graphics that properly output for presentation and final production. Students will develop advanced skills using Adobe Illustrator, Adobe Photoshop, Adobe Image Ready, Adobe InDesign and Adobe Acrobat.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

1. **Design and produce effective design solutions utilizing an advanced level of Raster-based software**
Potential Elements of the Performance:
 - Create industry standard imagery using Adobe Photoshop software, with the ability to create work using advanced layer masking techniques
 - Create complex digital files, with the ability to select detailed image areas and use Adobe Photoshop software to develop advanced channel storage
 - Demonstrate the ability to use advanced layer masking and channel selections to create Quicktime animations
2. **Design and produce advanced design solutions through the integration of Vector-based software with Raster-based software**
Potential Elements of the Performance:
 - Create professional level imagery for printed materials that fully utilizes the drawing capabilities of Adobe Illustrator and combines those capabilities with Adobe Photoshop
3. **Develop complex design projects using advanced level software techniques**
Potential Elements of the Performance:
 - Demonstrate the ability to plan and execute a complex design solution that objectively utilize the most effective software
4. **Adapt print imagery for digital (soft copy) applications**
Potential Elements of the Performance:
 - Develop more advanced skills in the use of Macromedia MX studio suite for the production of web-based, animated or interactive design

5. **Development of technical demonstrations on advanced software techniques**

Potential Elements of the Performance:

- Develop presentation seminars that will demonstrate the utilization of a unique software technique
- Develop the ability to effectively explain techniques to others, ie. See one, do one, teach one!

III. TOPICS:

The following software applications will be reviewed, with advanced techniques being demonstrated and developed for application.

1. **Adobe InDesign**
2. **Adobe Illustrator and Photoshop**
3. **Adobe Acrobat**
4. **Adobe Image Ready**
5. **Macromedia Studio MX**
6. **Independent software of students choice**

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

No textbooks required

Students will be required to supplement in class demonstrations with addition research on a project based format. These supplemental materials will include hand outs, software soft copy manuals and suggested Web site for tutorials materials. Students must also have a means of transporting and backing up files from their Hard drive, the use of portable disks for transporting files and recordable CD's are required.

V. EVALUATION PROCESS/GRADING SYSTEM:

ASSIGNMENTS = 100 % of Final Grade

Four assignments will constitute 100% of the student's final grade in this course. Assignments will be evaluated according to the following, in accordance with college policies: Most assignments will be in-class with additional work required to be completed outside of class

The following semester grades will be assigned to students:

Grade	<u>Definition</u>	Grade Point Equivalent
A+	90 – 100%	4.00
A	80 – 89%	3.00
B	70 - 79%	2.00
C	60 - 69%	1.00
D	50 – 59%	

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 professor and/or the Special Needs office. Visit Room E1101 or call Extension 703 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.

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.