

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



Sault College

COURSE OUTLINE

COURSE TITLE: Digital Photography

CODE NO. : ADV 2420-04 **SEMESTER:** Four

PROGRAM: Graphic Design

AUTHOR: Terry Hill

DATE: Sept 2002 **PREVIOUS OUTLINE DATED:** May 2000

APPROVED:

	_____	_____
	DEAN	DATE

TOTAL CREDITS: 4 credits

PREREQUISITE(S): ADV 215, ADV 213, ADV 217, ADV 201, ADV 230, ADV 237

Hours/Week 3 hours class
time per week

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For additional information, please contact
School of Engineering Technology and Trades
(705) 759-2554, Ext.485

Course Name

Code No.**I. COURSE DESCRIPTION:**

This course is intended to introduce the student to the skills required in creating and choosing high quality photographs for reproduction in both the print and electronic media. This course will centre around the use of the digital camera, scanners, and Photoshop 5.0. The course will lead to preparing photographic files for optimal reproduction and serve as an entry into Computer Production 1 and 2 in the following semesters.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

- 1 define relevant photographic and reproduction art terminology
- 2 create photographic compositions using digital camera and studio techniques and utilize those images in ongoing design projects
- 3 demonstrate an understanding of file formats and appropriate use of each format
- 4 Demonstrate an understanding of halftone, duotone, and quadritone colour applications
- 5 Demonstrate an ability to use effects achieved through photomanipulation software in design applications
- 6 Demonstrate an ability to adjust black and white images for optimal reproduction

1. define relevant photographic and production art terminology

Potential Elements of the Performance:

- Understand and recall definitions for photographic and electronic production terminology

2. create photographic compositions using digital camera and studio techniques and utilize those images in ongoing design projects

Potential Elements of the Performance:

- demonstrate an understanding of basic studio lighting techniques
- demonstrate an understanding of using natural light in photography
- exhibit an understanding of compositional techniques
- demonstrate an ability to transfer images from digital camera to computer and use those images in ongoing design projects

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3. Demonstrate an understanding of file formats and the appropriate use of each format.

Potential Elements of the Performance:

- research and recall the file formats that different graphic design related software can use
- compare and contrast the use of GIF, TIF, JPEG, EPS file formats
- Choose appropriate file formats according to the final use and optimal reproduction of the image

4. Demonstrate an understanding of halftone, duotone, and quadritone colour applications

Potential Elements of the Performance:

- define colour use terms of halftone, duotone, quadritone and four colour process
- demonstrate an ability to manipulate photographs to be reproduced in the above colour applications
- demonstrate an ability to adjust halftones for optimal reproduction in the printing process

5. Demonstrate an ability to use effects achieved through photomanipulation software in design applications

Potential Elements of the Performance:

- demonstrate an ability to use photoshop filters for desired effects
- demonstrate an ability to use layering effects for desired results
- Create new imagery to communicate concepts by manipulating and merging multiple images

6. Demonstrate an ability to adjust black and white images for optimal reproduction

Potential Elements of the Performance:

- Review and recall the effect of resolution on the reproduction of an image
- Demonstrate an ability to adjust white/black points in an image for optimal reproduction
- Demonstrate an ability to manipulate colour values as required by the reproduction process

III. TOPICS:

1. Photographic techniques – studio and natural light
2. Operation of a digital camera and scanner

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3. File formats
4. Photomanipulation techniques
5. Adjusting black and white images
6. Relevant terminology
7. Art direction

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

Students are advised that the electronic files in this course will be large and will be required to be stored on lomega 100 Mb zip discs. Students will be required to purchase one or more zip discs for file storage. Zip discs are available at the campus shop. Students will also be required to purchase recordable cd's for submission of assignments.

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 & Procedures Manual – Deferred Grades and Make-up</i>).	
NR	Grade not reported to Registrar's office. This is used to facilitate transcript	

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preparation when, for extenuating circumstances, it has been impossible for the faculty member to report grades.

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, as may be decided by the professor. 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.

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.

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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.

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

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Code No.**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:
- 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.