

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY
SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

COURSE TITLE: COMPUTER PROJECTS

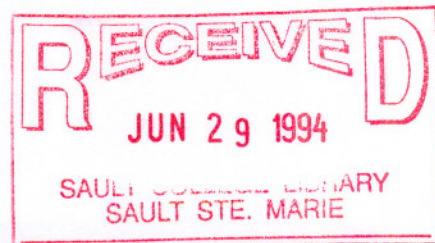
CODE NO.: FOR 362-3 SEMESTER: VI

PROGRAM: FISH & WILDLIFE, INTEGRATED RESOURCE
MANAGEMENT TECHNOLOGY

AUTHOR: ERWIN GOERTZ

DATE: JANUARY 1994 PREVIOUS OUTLINE DATED: SEPT. 1993

APPROVED: DEAN DATE



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FOR 362-3

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TOTAL CREDIT HOURS: 48

PREREQUISITE(S): COMPUTER APPLICATIONS (FOR 367)

I. PHILOSOPHY/GOALS:

This course furthers the student's ability to operate an IBM compatible microcomputer and allows the student to use software dealing with his/her area of interest.

This is a project-oriented course in which the student will make contact with an outside natural resource agency (MNR, Conservation Authority, Ducks Unlimited, private logging company, tourism association, Algoma Central Railway, Forest Research Centre, Fish Hatchery...) and complete a project using a microcomputer. The project will meet some aspect of the agency's information needs.

In addition to assisting students with their individual projects, class time will be used to introduce students to resource oriented software packages.

II. STUDENT PERFORMANCE OBJECTIVES:

Upon successful completion of this course the student will:

1. Use an IBM compatible microcomputer and the operating system (MS-DOS) with confidence.
2. Identify microcomputer use in his/her field of interest.
3. Effectively manipulate and compile natural resource data.
4. Complete a microcomputer based project for a natural resource agency.
5. Convey methodology/results of his/her project both orally and in written form.

1. Using MS-DOS and an IBM compatible microcomputer.
2. Running application-oriented software.
3. Software demonstrations.

IV.		<u>LEARNING ACTIVITIES</u>	<u>REQUIRED RESOURCES</u>
January	12	Introduction to Course/ Project definition	-Software will be provided by the instructor. Students to bring their diskettes to each class.
	19	Software demonstration	
	26	PROJECT DEFINITION OUTLINE DUE (25% of final mark) Software Demonsration	
February	02	Work period	
	09	Work Period	
	16	Software Demonstration	
	23	Work Period	
March	02	Software Demonstration	
	09	Work Period	
	16	Software Demonstration	
	23	Work Period	
	30	Work Period	
April	06	DRAFT REPORT DUE (10% of final mark) Software Demonstration	
	13	Work Period	
	20	STUDENT PRESENTATIONS TO CLASS (10%) and WRITTEN REPORT due (20% of final mark)	
	27	STUDENT PRESENTATIONS TO CLASS (10%) and WRITTEN REPORT due (20% of final mark)	

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V. EVALUATION METHODS: (INCLUDES ASSIGNMENTS, ATTENDANCE REQUIREMENTS ETC.)

Making contact with the Employer/ defining the PROJECT, submitting the PROJECT OUTLINE and CONTRACT	20%
Attendance	10%
Draft of the report	10%
Written Report	20%
Oral Presentation to Class	10%
Instructor/Employer Evaluation of Project	<u>30%</u>
	100%

GRADES:

A+	90 - 100%
A	80 - 89%
B	70 - 79%
C	60 - 69%
R	<60%

VI. REQUIRED STUDENT RESOURCES

A minimum of two (2) double sided, double density 3 1/2" diskettes.
Texts and manuals used in "Computer Applications".

VII. ADDITIONAL RESOURCE MATERIALS AVAILABLE IN THE COLLEGE LIBRARY BOOK SECTION:

Gebler, Stan. Introduction to Data Communicaitons: A practical approach. Horsham, PA: Professional Press Books, C1991.
TK 5105.G45 1991

Latif-Pembry, Rebecca. Lotyus 1-2-3 (ver 2.2) for the practical user. Terra Cotta, Ont.: Norby Pub., c 1993
HF 5548.4.L67L3684 1993\

White, Ron. How Computer Work. Emeryville, Calif.: Ziff-Davis Press, c1993.
QA 76.23W45 1993