


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

COURSE OUTLINE

Course Title: COMPUTER APPLICATIONS II
Code No.: FOR 358-4
Program: FOREST MANAGEMENT / FISH AND WILDLIFE TECHNOLOGY
Semester: VI
Date: SEPTEMBER, 1987
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New: _____ Revision: X

APPROVED: 
Chairperson

Nov 30/87
Date

CALENDAR DESCRIPTION

COURSE NAME

PHILOSOPHY/GOALS:

The Ontario Ministry of Natural Resources, at the district office level, has a variety of microcomputers including APPLE, DEC, IBM, NEC and TROJAN. They are presently in the process of converting to IBM machines in order to have the capability of sharing software among district offices. This course will devote time to perfecting the student's ability to operate an IBM personal computer. We will study the operating system, create databases and use software which is applicable to a forest technologist in the working environment. Other aspects of the course will deal with GEOMAP (Sault College's Geographic Information System); handheld Portable Data Recorders; Electronic Planimeters and the use of computers in a Tree Ring Increment Measuring system. The College's mainframe VAX computer will be utilized in regression and correlation analysis and computer modelling.

T METHOD OF ASSESSMENT (Grading):

Evaluation will be based on assignments which will be handed out periodically throughout the course. The emphasis will be on practical applications as opposed to written formal tests. Some of the assignments will be "in-class" projects and regular attendance is necessary in that any student missing an assignment without a legitimate reason will receive an "I" grade in that assignment. Students receiving "I" grades on three assignments will receive an "R" grade in the course.

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

Students who, at the end of the semester, have an overall grade average of 50-59% may write a final test covering the entire course material. Students passing this test will receive a "C" grade in the course regardless of how well they do, i.e. 80% on the test still results in a "C" grade.

EQUIPMENT/MATERIAL REQUIRED:

Students are expected to purchase 2 - 5 1/4" double sided, double density computer diskettes. These are available in the college bookstore and computer stores throughout Sault Ste. Marie.

... we will discuss and view a computerized system used in obtaining tree/stand histories as determined through annual growth ring increment analysis