

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY  
SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: COMPUTER APPLICATIONS

CODE NO.: CIV321 SEMESTER: VI

PROGRAM: CIVIL ENGINEERING TECHNOLOGY

AUTHOR: D. J. ELLIOTT

DATE: JAN, 1996 PREVIOUS OUTLINE DATED: NEW

APPROVED: *D. J. Elliott* 96-01-03  
DEAN DATE

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**5. Municipal/Environmental Applications**

**Learning Activities:** In class exercises using municipal design software  
- Analyze pressures and flows for a given water distribution system  
- Surveying and terrain modelling applications

**Resources:** Software Documentation

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

A final grade will be derived as follows:	Assignments	40%
	Term Tests (4 @ 15%)	60%
	<b>Total</b>	<b>100%</b>

The grading system used will be as follows:

A+	90% - 100%
A	80% - 89%
B	70% - 79%
C	55% - 69%
R	Repeat

- 1) Late assignments will be penalized 10% for each day late.
- 2) Minimum acceptable grade for this course is 55%.
- 3) If at the end of the semester the overall mark is below 55%, then it will be up to the instructor whether or not a rewrite test will be granted. The criteria employed for arriving at that decision is class attendance, class participation and overall grade, which must be at least 45%.
- 4) In the case a rewrite is granted, it will be permitted only once, it will cover the entire course outline and will limit the maximum obtainable grade for the course to 60%.

**VI. REQUIRED STUDENT RESOURCES**

**Required Texts** Canadian Wood Council; Wood Design Manual, Latest Edition  
  
Canadian Wood Council; WOODWORKS in Canada,  
(This book is loaned to each student for the semester)  
  
Grabowski, Ralph; The Illustrated AutoCAD Quick Reference-DOS, Delmar

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**VII. ADDITIONAL RESOURCE MATERIALS AVAILABLE IN THE COLLEGE LIBRARY:**

Book Section

Ontario Building Code

Shumaker, T. M. & Madsen, D. A.; AutoCAD and its Applications Basics,  
Goodheart-Wilcox

Software Documentation as required

**VIII. SPECIAL NOTES**

Students with special needs (eg. physical limitations, visual impairments, hearing impairments, learning disabilities) are encouraged to discuss required accommodations confidentially with the instructor.

Your instructor reserves the right to modify the course as he/she deems necessary to meet the needs of students.

