

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: MATHEMATICS  
Code No.: MTH 151-2  
Program: WELDERS  
Semester: TWO  
Date: JANUARY, 1988  
Author: J. GLOWACKI

New:

Revision

APPROVED:

  
Chairpérson

MoiMJi ^/n  
Date

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WELDERS  
MTH 151-2  
MATHEMATICS

CALENDAR DESCRIPTION

MATHEMATICS

MTH 151-3

COURSE NAME

COURSE NUMBER

PHILOSOPHY/GOALS:

In this course emphasis will be placed on teaching mathematics at a level will facilitate computation in the welding and fabricating trade. Whenever possible, problems relating to this field of study should be used.

METHOD OF ASSESSMENT (GRADING METHOD):

Periodic tests and daily assignments based on material in course outline will be given during the semester. A final make-up test at the end of the semester will be at the discretion of the instructor.

The final mark will be based on four unit tests, each representing 25% of final mark.

GRADING:    A+ = 90 - 100%  
              A    = 80 - 89 %  
              B    = 65 - 79 %  
              C    = 55 - 64 %

A passing grade will be based on a minimum grading of 55%. Students obtaining a grade of 40 - 54% may be allowed to write a make-up test. However, only students who have attended at least 80% of the math classes will be considered for a make-up test.

TEXTBOOK(S);

Schell, Frank R-, & Matlock, Bill J.; Practical Problems in Mathematics for Welders.

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MATHEMATICS

TOPIC NO.	PERIODS	TOPIC DESCRIPTION	REFERENCE
		Whole Numbers Common Fractions Decimal Fractions Averages & Percentages	p. 1-67
		MEASURE Direct Measure Angular Measure	p, 68-103
		COMPUTED MEASURE Area Volume Mass	p. 104-142
		PIECES & LENGTHS Stretchouts of various shapes Layout of plates	P. 143-156

