

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE\* MARIEF ONTARIO

CQUESE QUILIBTE

Course Title            MATHEMATICS  
Code No 4 /            MTH 1S1--3  
Program                UELDERS  
Semester                t  
Date                    DECEMBERj 1983  
Author                 J\* SUFADY

New:

Revised

APPROVED:

Chsirperson

Date

WELDERS  
HTH 151-3  
MATHEMATICS  
CALEB liESCSIEIIDfcl

MATHEMATICS  
"COURSE NAME

HTH 151--Z  
COURSE NUMBER

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

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- 1. Four tests after each ten units»
- 2. One test on trigonometry? square root calculations? equations»
- 3. Final grade - total possible obtained of 3 tests X 100%  
Total Possible Marks

If a student receives a grade less than 55% he/she *at BH* will be required to retake the final exam covering the entire semester's work\*.

*LEXIEUQKist*

Schellr Frank R?» & Bill Jf Mstlock? Electrical Problems in mathematics  
fQE Welders\*

OBJECIiyES?

The basic objective is for the student to develop an understanding of the methods studied? knowledge of the facts presented and the ability to use them in the solution of problems. For this purpose exercises are designed\* which will reflect the sort of work contained in other assignments. The level of competency demanded is the level required to obtain an overall passing grade on the tests\* The material to be covered is listed on the following *FBI: ^&is:*

WELDERS  
MTH 151-3  
MATH

<i>IDBIC</i>	BEEEEEEbICE	IIHE EEâi
1* Whole Numbers Common Fractions Decimal Fractions Averages Percentages	p* 1-67	10
2* Direct Measure Angular Measure	F* 68-103	8
3 • Computed Heights	p* 104-142	8
4, Pieces Lengths	p. 143-156	8
5. Trigonometry for Welders a) Sine Law b) Cosine Law c) Simple Offsets d) RollinEE Offsets e) Use of Trigonometric Tables	p* 143-156  Handouts	12
6* Square Root Calculations Solving Linear Equations	Handouts	5