

808-1

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: TRADE SHOP - INTERMEDIATE

CODE NO.: STM 030

SEMESTER: 3 (8 Weeks)

PROGRAM: STEAM PRE-APPRENTICESHIP PROGRAM

AUTHOR: BRIAN MICK

DATE: OCT/95

PREVIOUS OUTLINE DATED: NEW

APPROVED:

DEAN



A handwritten signature in black ink, appearing to read 'B. Mick', is written over a horizontal line. The signature is cursive and stylized.

DATE

TOTAL CREDITS 8

PREREQUISITE(S): STM 020

I. PHILOSOPHY/GOALS:

The student will apply the necessary individual and team skills to complete a practical assignment combining specific trade mathematics, pipe fabrication, pipecutting and welding.

II. STUDENT PERFORMANCE OBJECTIVES (OUTCOMES):

Upon successful completion of this course the student will:

- 1) Be able to calculate specific angles
- 2) Take measurements accurately
- 3) Layout pipe fittings
- 4) Cut pipe with oxy-act. torch

III. TOPICS TO BE COVERED:
Frames (Optional)

Approximate Time

- 1) Trigonometry
- 2) Trade terminology
- 3) Pipe fitting layout & fabrication

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IV. LEARNING ACTIVITIES/REQUIRED RESOURCES

Topic/Unit; - _____

Learning Activities:

Resources:

Topic/Unit -

Learning Activities:

Resources:

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

VI. PRIOR LEARNING ASSESSMENT:

Students who wish to apply for advanced credit in the course should consult the instructor. Credit for prior learning will be given upon successful completion of the following:

VII. REQUIRED STUDENT RESOURCES

Safety boots (CSA approved - high top)
Safety glasses
Safety equipment mandatory for admittance to shop area
Other modules and handouts supplied by college

VIII. ADDITIONAL RESOURCE MATERIALS AVAILABLE IN THE COLLEGE LIBRARY:

IX. 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.