

808-5

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: BLUEPRINT READING INTERMEDIATE

CODE NO.: STM 034 SEMESTER: 3 (8 Weeks)

PROGRAM: STEAM PRE-APPRENTICESHIP PROGRAM

AUTHOR: BRIAN MICK

DATE: OCT/95 PREVIOUS OUTLINE DATED: NEW

APPROVED:



DEAN

DATE

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TOTAL CREDITS 2

PREREQUISITE(S): STM 024

I. PHILOSOPHY/GOALS:

To make isometric drawings of piping arrangements with varying degree of difficulty.

II. STUDENT PERFORMANCE OBJECTIVES (OUTCOMES):

Upon successful completion of this course the student will:

- 1) Convert isometric drawings to orthographic sketches
- 2) convert orthographic views to isometric

III. TOPICS TO BE COVERED:

**Approximate Time
Frames (Optional)**

- 1) Making three views orthographically with proper piping symbols from three dimensional drawings.
- 2) Isometric drawings from two dimensional drawings.
- 3) Making drawings using various scaled dimensions.

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IV. LEARNING ACTIVITIES/REQUIRED RESOURCES

Topic/Unit - _____

Learning Activities:

Resource^:

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

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.