SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: BLUEPRINT   READING

CODE NO: **IRN 702**   SEMESTER: N/A

PROGRAM: IRONWORKER - INTERMEDIATE

AUTHOR: D. SOCCHIA

DATE: Jan   1994   PREVIOUS OUTLINE DATED:

APPROVED ..£z>*r *Cornwall*   *94-°l   -o6*

Dean, School of Technical Trades   - Di>t⁰

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COURSE NAME: BLUEPRINT   READING   CODE NO.   IRN 702

TOTAL CREDIT HOURS: oa ,n   _   %
                       24 (8 x 3hrs)

PREREQUISITE(S):   Ironworker apprenticeship plus the successful completion
                   of the basic level of training.

I.   PHILOSOPHY/GOALS:

To provide apprentices with a combination of theory and hands-on exposure to both shop and erection drawings thereby enabling them to assist others in the solution of typical (job related) blueprint reading problems.

II.   STUDENT PERFORMANCE OBJECTIVES:

Upon successful completion of this course the student will:

1) Identify and select site, erection and shop drawings.

2) Recognize floor plans, wall elevations, anchor bolt patterns and standard abbreviations.

3) Understand shop drawings and their components.

III.   TOPICS TO BE COVERED:

1. Introduction and Orientation	1 hr
2. Review of Typical Erection Drawings.	4 hr
3. Standard Building Components and Definitions.	Z hr
THEORY TEST // 1 and REVIEW	2 hr
4. Bench Marks and Floor / Wall Elevations	2 hr
5. Anchor Bolt Patterns	2 hr
THEORY TEST // 2 and REVIEW	2 hr
6. Shop Drawings and Their Components	6 hr
THEORY TEST // 3 and REVIEW	2 hr

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

General   Assessment   3 Theory Tests   =   75 %

A = 85 to 100 %   Quiz(s) and Assign =   25 %

B = 75 to 84 %   Total = 100 %

C = 60 to 74 %

D = 50 to 59 %

F = 0 to 49 %

REQUIRED STUDENT RESOURCES

3 Pens - (1 blue, 1 black, 1 red)

Binder c/w Paper

Ironworker Texts

SPECIAL NOTES

Attendance to all classes is mandatory and will be recorded
on an hour by hour basis using the 'Record of Attendance' form.

The Instructor reserves the right to modify and or change the
course objectives and topics in order to better serve the needs
of the class.