

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: BLUEPRINT READING

CODE NO: IRN 602 SEMESTER: N , A

PROGRAM: IRONWORKER - BASIC

AUTHOR: D> SOCCHIA

DATE: oct 1993 PREVIOUS OUTLINE DATED:

APPROVED: " ^ ^ ' L ~ ~ ^
• Dean, School of Technical Trades

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COURSE NAME: BLUEPRINT READING CODE NO. IRN 602

TOTAL CREDIT HOURS: 24 (8 x 3hrs)

PREREQUISITE(S): Ironworker Apprenticeship

I. PHILOSOPHY/GOALS:

To provide apprentices with an introductory overview of structural blueprints so as to enable them to work from typical drawings with appropriate supervision. Secondly, to provide the necessary background for their next level of training.

II. STUDENT PERFORMANCE OBJECTIVES:

Upon successful completion of this course the student will:

- 1) Identify structural shapes, read dimensions and recognize typical building components appropriate to the needs of trade.
- 2) Become familiar with the use of symbols, abbreviations and types of information given on architectural and erection drawings.

III. TOPICS TO BE COVERED:

1. Course Introduction and Orientation.	1 Hr.
2. Standards for Orthographic Projection, Sectional Views and Auxiliary / Detail Drawings.	5 Hrs
3. Basic Structural Shapes; Their Dimensions and Terminology.	4 Hrs
4. Use and Application of Common Welding Symbols.	4 Hrs
5. Introduction to Architectural / Erection Drawings.	5 Hrs
*** Tests and/or Quiz(s)	5 Hrs.

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

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CODE NO. IRN 602

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

General Assessment	* Final Mark
A = 85 - 100 %	Tests 75 %
B = 75 - 84 %	Homework and Quiz(s) 25 %
C = 60 - 74 %	
D = 50 - 59 %	TOTAL 100 %
F = 0 - 49 %	

GENERAL STUDENT RESOURCES:

Scientific Calculator
 3 Pens - (1 blue, 1 black, 1 red)
 Binder c/w Paper
 Ironworker Texts
 Steel Tape Rule c/w Imperial and Metric Scales

SPECIAL NOTES:

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

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