

#105

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: TRADE THEORY

CODE NO: IRN800

SEMESTER: APPRENTICESHIP

PROGRAM: IRONWORKER - ADVANCED

AUTHOR: P. MARTINSEN

DATE: AUGUST 1993

PREVIOUS OUTLINE DATED: NEW

~~APPROVED~~ JD ^ ' (^ ^ - ^ T
Dean, School of Technical Trades

?3~or~Z^
Date

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TOTAL CREDIT HOURS: 80 HRS. (10 X 8)

PREREQUISITE(S): Ironworker apprenticeship plus the successful completion of the Basic and Intermediate levels of in-school training.

I. PHILOSOPHY/GOALS:

To provide the apprentice with the theory in the area's of levels and transit work, the layout of stairs, template development. A review of all three levels of training (Basic, Intermediate and Advanced) will be covered in order to better prepare the apprentice for the C.F.Q. Exam.

II. STUDENT PERFORMANCE OBJECTIVES:

Upon successful completion of this course the student will:

be able to operate a level, calculate and transfer evaluations, layout stairs, handrail, calculate stair rise and runs, etc. The student will also be able to develop templates and patterns for the use in fabrication and be familiar with the facets of the ironworking trade.

III. TOPICS TO BE COVERED:

Approximate Time Frames
(Optional)

- . course introduction and orientation
- . review of the intermediate course
- . new topics of development

Note: at the end of each topic there will be a test. There will be ample warning prior to a test. A review of Basic, Intermediate and Advanced will take place towards the end of the course. A thirteen page exam will be taken at the end of the course which will be based on all three intakes - out of thirteen pages, you will be required to complete ten.

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

General Assessment	Final Mark
A = 85 - 100%	Theory Tests 60%
B = 75 - 84%	Assignments 10%
C = 60 - 74%	Final Exam 30%
D = 50 - 59%	
F = 0 - 49%	

VI. REQUIRED STUDENT RESOURCES

Ironworking Manuals

VII. ADDITIONAL RESOURCE MATERIALS AVAILABLE IN THE COLLEGE LIBRARY:

VIII. SPECIAL NOTES

Students with special needs (eg. physical limitation, 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 the students.

Attendance is mandatory. All absenteeism will be recorded as required by the Ministry of Education and Training, Skills Development Department.