

#470 A

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: TRADE PRACTICAL

CODE NO: BSM601

SEMESTER:

PROGRAM: BRICK & STONE MASON APPRENTICE - BASIC

AUTHOR: D. GRANDMONT

DATE: MAY 1991

PREVIOUS OUTLINE DATED: N/A

APPROVED:

D. McCormick
Dean, School of Technical Trades

91-11-19
Date

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TOTAL CREDIT HOURS: **120 HOURS**

PREREQUISITE(S):

I. PHILOSOPHY/GOALS:

Upon completion of this course, the student will be able to work comfortably in the workplace to the expectations of his peers.

II. STUDENT PERFORMANCE OBJECTIVES:

Upon successful completion of this course the student will:

1. Prepare mortar to job specifications
2. Lay brick and block to build various walls
3. Work safely
4. Build corners, piers and minor arches

III. TOPICS TO BE COVERED:

1. Brick and block walls
2. Brick and block corners
3. Brick piers
4. Layout and construction of decorative walls
5. Layout and construction of rowlock arch
6. Layout and construction of jack arch
7. Set-up and organization of a job
8. Mixing of mortar
9. Safety
10. Construction of mortar boxes and boards

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IV. LEARNING ACTIVITIES

Lay Brick & Block

Plumb Square

Level

REQUIRED RESOURCES

Masonry Skills, 3rd Edition
(Richard T. Kreh Sr.)

Bricklaying Vocational
Training, 3rd Edition
(William F. Roark and
Harry C. Plummer)

Advanced Masonry Skills
(Richard T. Kreh Sr.)

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

Students will layout and construct six masonry projects for evaluation. They will be evaluated on Plumb Square Level and appearance. Students are also evaluated on work practices.

VI. REQUIRED STUDENT RESOURCES

Masonry Skills, Third Edition by Richard T. Kreh Sr.
Tools as indicated on Course Booklist

VII. ADDITIONAL RESOURCE MATERIALS AVAILABLE IN THE COLLEGE LIBRARY BOOK SECTION:

N/A

VIII. SPECIAL NOTES