

#470 B

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: TRADE THEORY

CODE NO: BSM600

SEMESTER:

PROGRAM: BRICK & STONE MASON APPRENTICE - BASIC

AUTHOR: D. GRANDMONT

DATE: MAY 1991

PREVIOUS OUTLINE DATED: N/A

APPROVED:

D. M. Carmichael  
Dean, School of Technical Trades

91-11-19  
Date

COURSE NAME: TRADE THEORY

CODE NO. BSM600

TOTAL CREDIT HOURS: 56 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. Be capable of planning preparation of jobs
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

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.)

COURSE NAME: TRADE PRACTICAL

CODE NO. BSM601

**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**