

#663(1)

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: TRADE THEORY

**CODE NO:
PROGRAM**

CMK 010

SEMESTER: 44 WEEK

PROGRAM:

CABINET MAKING

AUTHOR:

C. MARTIN

DATE: SEPTEMBER 93

PREVIOUS OUTLINE DATED: AUGUST 91

APPROVED:

Don M. Cornish

Dean, School of Technical Trades

93-11-30

Date

COURSE NAME: TRADE THEORY

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TOTAL CREDIT HOURS: 200 Hours - 16 Credits

PREREQUISITE(S):

I. PHILOSOPHY/GOALS:

Trade Theory will expose students to the materials, methods and designs related to the trades of Cabinet Making, Finish Carpentry and Millwork. This course will also cover communication skills required to work in the field and problem solving in a variety of situations.

II. STUDENT PERFORMANCE OBJECTIVES:

Upon successful completion of this course the student will:

- . have a knowledge of basic design of furniture and cabinets
- . be able to make construction decisions, prepare required drawings, cutting lists, estimate materials and organize production
- . be familiar with selection of wood joints, glue and fasteners and tools and equipment required for a variety of construction and manufacturing methods

III. TOPICS TO BE COVERED:

Approximate Time Frames
(Optional)

| | |
|---------------------------------|---------------------------------|
| History of the Trade | 10 Hours |
| Safety | 20 Hours |
| Lumber Classifications & Usages | 50 Hours (Includes Field Trips) |
| Production Methods | 60 Hours |
| Joints & Fastenings | 30 Hours |
| Finishing Methods/Repair | 20 Hours |
| Industry/Business Awareness | 10 Hours |

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IV. LEARNING ACTIVITIES

In-class theory

Shop Demonstrations

Practical Applications

First Aid

Field Trips to local and area shops
and mills

REQUIRED RESOURCES

Cabinetmaking and Millwork Textbook
by John L. Feirer

First Aid Safety Oriented Text by St.
John's Ambulance
. first aid sling

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

- . 90% Attendance of theory class is required
- . 60% required on all written tests
- . assignments are to be handed in on due date and time

Skills Grading Legend

The following grade symbols are used in recording final grades for all Skill Programs:

- 85% - 100% = A = Consistently Outstanding
- 75% - 84% = B = Above Average
- 60% - 74% = C = Average
- 50% - 59% = D = Below Average
- 0% - 49% = F = Failure

VI. REQUIRED STUDENT RESOURCES

Cabinet Making and Millwork by John L. Feirer

First Aid (Safety Oriented) by St. John's Ambulance

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.