

CHINO UNIFIED SCHOOL DISTRICT
COURSE OUTLINE

COURSE OF STUDY
#5880

This course outline has been prepared in conjunction with the State of California Technology Frameworks.

The teacher of this course is directed to refer to the Framework for a more detailed explanation and analysis of the topics contained in this outline.

COURSE TITLE:

Vocational Cabinet Making

DESCRIPTION:

This course teaches designing, planning construction of cabinets, the use of trade hand tools, power woodworking equipment and instruction in wood finishing.

COURSE OBJECTIVES:

The student will be taught the skills and competencies of the course outline.

1. The student will gain additional knowledge and skill in working safely and cooperatively in a shop setting.
2. The students will design and construct quality furniture or cabinets.
3. The student will be aware of his developing skill and know how to secure a job in the woodworking industry.
4. The student will know how to operate and maintain power machinery.

Evaluation: Evaluation will be by teacher constructed tests and inspection of finished projects.

LENGTH OF COURSE:

One semester (two-hour course)

GRADE LEVEL:

11 - 12

PREREQUISITES:

Three semesters of Advanced Wood or Instructors approval after 1 semester of Advanced Wood with grade of B for seniors.

CREDIT:

10 units/semester of Practical Arts or elective

TEXTBOOKS:

Feirer, John. Advanced Woodwork and Furniture Making. Fourth Edition. Illinois: 1972.

Date of Board Adoption: January 19, 1989

10/25/88

CABINET MAKING

I. ORIENTATION

- A. Shop Rules
- B. Grading Policy
- C. Fire & Disaster procedure
- D. Career Opportunities
- E. Certificate program

II. SAFETY

- A. General safety
- B. Machine safety
- C. Safety at Home Shop
- D. Cost of accidents
- E. Safety equipment

III. MACHINES

- A. Safety operation
- B. Use of jigs and fixtures
- C. Industrial models of machines

IV. DESIGN OF MATERIALS

- A. Shop drawings
- B. Laminated plastics
- C. Cabinet estimating
- D. WIC specifications
- E. Plywood & veneers

V. CABINET CONSTRUCTION

- A. Wood joinery
- B. Mass production
- C. Computer application
- D. European systems
- E. Sub systems assembly
- F. Fasteners & hardware

VI. FURNITURE COAST

- A. Types of furniture
- B. Wood carving
- C. Laminating and bending
- D. Upholstery

VII. NEW & EMERGING TECHNOLOGY

- A. Prefabricated furniture
- B. Knocked down furniture
- C. Duplicating machines
- D. Computer activated machinery