

## 1819 CAREER TECHNICAL EDUCATION CABINETMAKING I SYLLUBUS

### **Furniture and Cabinetmaking I: Machine Tool Certification**

This one-year course introduces the student to the fundamentals of machine and power tool use as related to the field of cabinetmaking. Through a hands-on approach, each student will develop skills through the use of hand tools as well as stationary and portable power tools. Special emphasis is placed on the certification of the Drill Press, Band Saw, Jointer, Table Saw and Radial Arm Saw.

CREDIT HOURS	1
LECTURE HOURS	1 HOUR LECTURE/ 4 HOURS LAB
COREQUISITE	BASIC MATH
TEXT BOOK	Modern Cabinetmaking – Goodheart-Willcox

### **PERFORMANCE OUTCOMES**

1. THE STUDENT WILL BE CERTIFIED ON ALL STATIONARY POWER MACHINES AT 100% COMPLETION.
2. THE STUDENT WILL DEMONSTRATE A WORKING KNOWLEDGE OF THE CORRECT TECHNIQUES FOR USING COMMON WOOD WORKING TOOLS AT 100% COMPLETION.
3. THE STUDENT WILL BE ABLE TO ACCURATELY LAYOUT LINES AT 100% COMPLETION.
4. THE STUDENT WILL DEMONSTRATE A WORKING KNOWLEDGE OF SHOP SAFETY AT 100% COMPLETION.
5. THE STUDENT WILL ACCURATELY CUT OUT PROJECT COMPONENTS AT 100% COMPLETION.
6. THE STUDENT WILL BE ABLE TO ACCURATELY ASSEMBLE A GIVEN PROJECT AT 100% COMPLETION.
7. THE STUDENT WILL DEMONSTRATE A WORKING KNOWLEDGE OF PREPARING A PROJECT FOR FINISH AT 100% COMPLETION.
8. THE STUDENT WILL DEMONSTRATE A WORKING KNOWLEDGE OF USING DANISH OIL TO FINISH A PROJECT AT 100% COMPLETION.
9. THE STUDENT WILL COMPLETE A GIVEN PROJECT AT 100% COMPLETION.

### **REQUIREMENTS**

1. THE STUDENT WILL WORK ON PROJECTS REQUIRED FOR THE CLASS.
2. THE STUDENT WILL COMPLETE: A PUSH STICK, SHAKER TABLE, ASSIGNMENTS, QUIZZES, TESTS.
3. THE STUDENT WILL MAINTAIN AND HAND IN PORTFOLIO CONTAINING ALL COURSE HANDOUTS, LECTURE MATERIALS, ASSIGNMENT SHEETS, AND ALL ASSIGNMENTS.
4. THE STUDENT WILL ATTEND ALL CLASSES AND BE ON TIME AND PREPARED TO WORK DURING EACH CLASS PERIOD.

### **EQUIPMENT AND SUPPLIES**

1. EACH STUDENT IS ENCOURAGED, BUT NOT REQUIRED, TO BUY HIS OWN SAFETY GLASSES. IF YOU DO NOT BUY YOUR OWN GLASSES YOU MAY CHECK OUT A PAIR WITH COLLATERAL FROM THE TOOL ROOM. IF YOU WISH TO BUY YOUR OWN THROUGH THE SCHOOL THEY MAY BE PURCHASED @ \$5.00/PAIR.
2. EACH STUDENT MUST BRING A SPIRAL NOTE BOOK, PEN AND PENCIL TO CLASS.

## RUBRIC GRADING CRITERIA

1. ACCURACY
2. COMPLETENESS
3. CRAFTSMANSHIP
4. FOLLOW DIRECTIONS
5. QUALITY

NO MACHINE MARKS, NO GLUE, NO SCRATCHES, POLISHED TO REFLECTION = A

NO MACHINE MARKS, NO GLUE, NO SCRATCHES, POLISHED TO DULL REFLECTION = B

NO MACHINE MARKS, NO GLUE, MINOR SCRATCHES POLISHED TO DULL REFLECTION = C

GRADES ARE ISSUED FROM THE FOLLOWING:

WORK PERFORMANCE

PROJECT ASSIGNMENTS

TESTS

QUIZES

EXTRA CREDIT ASSIGNMENTS

STUDENTS ARE GRADED ON PROJECT ASSIGNMENTS EVERY WEEK AS WELL AS WORK ETHIC AND PERFORMANCE. GRADES ARE ISSUED EVERY WEEK EITHER FOR THE WEEK AND/OR FOR THAT DAY.

## EXTRA CREDIT

EXTRA CREDIT WORK IS IN CLASS ONLY AND CANNOT BE MADE UP.

## LATE WORK

LATE WORK IS NOT ACCEPTED ON PROJECTS AND PROJECT ASSIGNMENTS

ALL OTHER ASSIGNMENTS ARE ACCEPTED UP TO 2 WEEKS BEYOND DEADLINE ACCORDING TO NYE COUNTY POLICY.

## EXTRA HELP

IF YOU ARE FALLING BEHIND AND NEED EXTRA HELP, MR. ISAAK CAN ASSIST YOU DURING 7<sup>TH</sup> HOUR WHERE AVAILABLE, OR AFTER SCHOOL MONDAY THROUGH FRIDAY UNTIL 2:30. IF YOUR TEACHER FROM ANOTHER CLASS SENDS YOU TO THE WOOD SHOP TO WORK DURING THE SCHOOL DAY, YOU MUST HAVE PRIOR APPROVAL FROM MR. ISAAK.

## CLASS RULES

Because safety is of utmost importance, students are required to follow and abide by all class rules. Loose clothing or open toed shoes are not permitted in the lab at any time while safety glasses must be worn at all times. Behavior such as: Horse play, teasing, annoying others, bullying, intimidation, vandalism, graffiti, destruction of property, profanity, swearing, foul or sexually oriented language are all unacceptable. Derogatory remarks are not allowed. These include, but are not limited to, remarks about others, their ethnicity, race or religion. Theft, use of prohibited electronics during class, eating and drinking beverages other than water, disruptive or insubordinate behavior, the use of drugs, alcohol or tobacco, are all strictly prohibited. Failure to follow these and other class rules can lead to permanent expulsion from the class.

Students are expected to come to class each day prepared to learn.

Each student must bring to class everyday: paper, pen and pencil.