

# Construction Technology 210 Syllabus – Furniture Making Laboratory

Description: Construction Technology 210 is a 1.5-unit, full semester woodworking course. The advanced course provides students the environment to further their woodworking knowledge through the fabrication of projects of sufficient complexity to expand and improve their woodworking skills.

Prerequisite: One semester of CTEC 200, 201, 202 or 203, **or** concurrent enrollment.

Required textbook: “Safety in the Woodshop” by ECC Reproductions

Recommended textbook: “Modern Woodworking,” Goodheart-Willcox, 2006

Recommended reading: “Table Saw Techniques” by Roger W. Cliff, “Understanding Wood Finishing” by Bob Flexner, “The Complete Guide to Sharpening” by Leonard Lee, “Understanding Wood” by R. Bruce Hoadley

Periodicals: American Woodworker, Fine Woodworking, Wood, Woodworker West, Woodworkers Journal

Attendance: Students are expected to maintain a satisfactory attendance record. Excessive tardiness and/or absences may affect grade and will be sufficient grounds for dismissal from class.

Lockers and Project Storage: Students may use a locker in the lab area but must provide their own lock. Projects should be stored in the specific cage assigned to each class. **All lockers and cages must be emptied at the end of each semester.**

Dress: Proper attire is required for working in the shop area, including:

- a. shoes that cover the entire foot. Open-toed shoes are not allowed.
- b. tight-fitting sleeves or short-sleeved shirts.
- c. safety glasses (students must provide)
- d. well-groomed hair. Long hair must be tied back.
- e. gloves are not to be worn when operating machinery

Tools: Students are not required to provide personal tools; however, it is recommended that students begin acquiring tools appropriate to their area(s) of interest. To start, the following are recommended: 12' x 3/4" tape measure, 12" combination square and/or a try square. Students are required to provide personal safety glasses.

Lab Work: Students will select, plan and construct individual projects as approved by the instructor.

Lab Hours: 6:00 p.m. – 10:50 p.m.

Clean-up: It is the responsibility of all students to participate in clean-up. If you leave early, you are required to clean up before leaving. **Note: brooms and dust pans should be returned to their proper location.** Lights will blink to signify the start of clean-up. This does not mean to avoid eye contact and work faster – it means you should turn in the tools and begin cleaning up.

Typical Student Learning Outcome: Utilizing skill and knowledge obtained in prerequisite course(s), construct an advanced woodworking project using plans of the student's choosing.

Grading: 100-90 = A, 89-80 = B, 79-70 = C, 60-69 = D, 59 and below = F

50 points possible for individual project

30 points possible for adherence to safety protocol and shop procedures, including participation in clean up

20 points possible for attendance

Disability statement: Students with disabilities who may need accommodations in this class should contact the campus Special Resource Center as soon as possible so that accommodations may be implemented in a timely fashion. You may also contact me to privately discuss your specific needs.

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