

# Carpentry 211 Syllabus

Fall 2011

<u>Date</u>	<u>Topic</u>	<u>Unit</u>
Aug. 23	Overview of green building / toolist / vocabulary	Hand out
Aug. 30	Safety power and hand tools, levels /Demo	20,22 /test
Sept 6	Fasteners / field trip Truitt and White Lumber	6 / map
13	Blueprints /Arch scale, project dandelion	24
20	Foundations , Framing overview of types	39, 42-46
27	Wall sheathing / House wrap / flashing	43
Oct. 4	Windows and doors	56
11	Exterior trim	57
18	mid term review, dandelion plan presentation	student project
25	Mid term exam / lab work	
	Exterior siding	57
Nov . 1	Dandelion construction / pre fab / modification	hand out
8	Pre fab platform and storage	Handout
15	Wall erection,Plumbing, blocking, wiring	handout
22	Insulation, weatherization	51,52
29	Exterior finishes / rainscreen /siding	57
Dec. 6	Exterior painting / final exam review	Hand out
13	Final exam / clean up /lock down	final exam

\* Topics subject to change, students responsible for missed notes and hand outs

# Elements of Construction 211 Special Projects 200

Fall 2011

## Instructor- Cynthia Correia

Phone - 464-3447 campus, site – TBA

C) 301-6010 ( when texting always include your name)

E-Mail – ccorreia@peralta.edu

Office Hrs. – Tues 3:30- 4:30 PM

Class meets – Tues 8:00 – 3:30 P.M.

Class location – G160 until site is under construction

Text: Carpentry by Leonard Koel 5<sup>th</sup> Edition

**Course description-** This class covers all elements of construction used to complete a single family home in the rough and finish phases of construction. Students will be able to calculate sq footage and draw a basic floor plan. You will estimate basic projects in this class. We are currently preparing pre fabrication a mobile cottage, which we are calling the Dandelion project. Class work can or will included the following, demolition, framing, roofing, siding, doors, windows, locks, hardware, drywall, insulation, painting, exterior trim and site work. Permit approval and inspections will be held and scheduled. The goal of this class is to familiarize students with tools and construction theory as well as operating power tools and equipment while building a home.

### **Tools Required**

Each student is required to have the basic hand tools necessary to go out on a construction job. Appropriate clothing, boots and safety equipment is also required. See the tool list handed out by the instructor; **students must have these tools by the second week in order to be allowed to work.** In the advent of rain check with your instructor as class may not be cancelled. Students will need rain jackets

**Attendance/ Participation** – Students are expected to be on time for class, this means not later than 15 minutes unless you have made arrangements with the instructor. Three unexcused tardiness = one absence. Three absences are allowed during the semester. Further absences may result in a drop in your grade or from the class. If students do not show up for classes on the first day they may be dropped. You may call your instructor if need be. No calls taken after 7 P.M. or before 7 A.M. Students are expected to do their share of work and clean up. Students will be given roles and assignments to carry out during class and will report back to the instructor. Unruly behavior, lack of respect for the instructor or students and unsafe practices will not be tolerated and are subject to dismissal from class. No drug usage or alcohol consumption allowed. Student will be asked to leave or dropped from the class if these rules are violated. No texting in class or taking phone calls during lecture. In case of an emergency please step out of the class to respond. Contact the teacher if you have problems or special needs.

**Exams/ homework**- You will have homework ,projects, presentations and reading assignments to complete. A mid term exam and a final exam will be given. Weekly quizzes on reading assignment may be given without notice. It is your responsibility to ask for a make up. If you miss class ask a fellow student for their notes. Pick up missed handouts from the instructor or check the rack on the outer office side wall. No phones or computers allowed during tests. Students found cheating will be failed.

**Grades**- 30% attendance, participation & skills,  
15% project / presentation  
25% midterm exam  
30% final exam

## **Carpentry Required Tool List**

16 oz. hammer  
4-1 screw driver  
Speed square  
Chalkline  
1" chisel  
utility knife  
catspaw pry bar  
25' tape measure  
tool belt  
hyde pry bar  
safety goggles / safety glasses  
ear plugs  
sharpie marker  
pencil  
small note pad  
3 ring binder

## **Clothing**

Work boots  
Jeans / work pants  
Work jacket  
Hard hat  
Rain jacket  
Gloves