

Assignments/ Project Descriptions

Exercise I: Wood Light Framing Wall Study

Due: 2/17 (preliminary review); 3/2 (final)

- Format: 24" x 36" sheet with appropriate borders, title box, and 6" side bar for extended notes
- Scale: 1" = 1'0"
- Content: Draw a section through a light frame one story structure with sloped roof, crawl space; select siding and shingle roofing material. Place section to the right, partial wall elevation to the left, and notes in the middle in a single well-ordered column with appropriate graphic arrows linking both drawings.

Exercise II: Masonry Wall Study

Due: 3/23 (preliminary review); 4/20 (final)

- Format: 24" x 36" sheet run vertically with appropriate borders, title box, but **no** side bar
- Scale: 1 1/2" = 1'0"
- Content: Draw a section through a concrete block load bearing wall with a masonry veneer and cavity; structure will be laminated beam 4' on center with 2 1/2" wood decking. Roof assembly consists of 1" foam insulation covered with copper or other metal standing seam system. Wall requires overhang, no gutters with gravel splash guard at grade. Main floor is a slab on grade. Exterior masonry including joints, interior wall finish, eave detail, wall/roof intersection to be determined by designer. Wall section placed to right, partial wall elevation to left, and note column in center. All appropriate details will be covered in lecture.

Arch 110 **Architectural Materials**

Spring 2005 Schedule

<u>Week</u>	<u>Date</u>	<u>Lecture Topic</u>	<u>Assigned Reading</u>
1	1/18	Introduction	Syllabus
2	1/25	Introduction to Materials: composition, fabrication, sustainability and application	Allen: 3/73-90
3	2/1	Wood - Overview	Allen: 3/90-115; 4/117-141
4	2/8	Wood - Products and Uses	Allen: 5/143-197
5	2/15	Wood - Special Applications	Allen: 6/199-206; 212-225; 7/235-244; 16/625-638 Exercise I: Preliminary Review
6	2/22	Exam 1 – Wood	Exam starts 2 pm in Lecture
7	3/1	Masonry – Overview	Allen: 9/303-334 Exercise I: Final Drawing Due
8	3/7	NO CLASS ; Spring Break	
9	3/14	Masonry – Products & Uses	Allen: 8/267-301
10	3/21	Masonry – Special Applications	Allen: 10/337-365 Exercise II: Preliminary Review
11	3/28	Exam 2 – Masonry	Exam starts 2 pm in Lecture
12	4/4	Concrete - Overview	Allen: 13/467-489
13	4/11	Concrete - Products and Uses	Allen: 14/504-516; 539-557
14	4/18	Project Presentations	Presentations begin at 2 pm (schedule TBA) Exercise II: Final Drawing Due
15	4/25	NO CLASS ; Jury Week	
16	5/2*	Exam 3 – Concrete	Exam starts 2 pm in Lecture

* Exam alternate date: Thurs. 5/6 2 pm TBA