

5	1,3	Lecture	1	<p><i>Doors and interior trim</i></p> <p><u>Explain</u> The difference between panel and flush-type doors Steps for hanging the door</p> <p><u>Identify</u> How door frames and casings are installed Name lock parts and describe typical installation procedures Pocket and bypass types of sliding doors The order in which window members should be applied</p>	Chap. 19, pp. 619-644	Workbook chap. 19, pp. 119-125	p. 645 quiz, ques. # 1-20	As above and mouldings, door frames, casings, hinges and door knobs
		Lab	3	<p><u>Apply</u> Cut, fit and nail baseboard trim, window trim and interior door jambs</p>			Practical activities	
6,7	1,4	Lecture	2	<p><i>Cabinetry</i></p> <p><u>Describe</u> Types of cabinetry Selecting prefab cabinetry Common alternative procedures for building cabinets on the job Three types of drawer guides Material choices for cabinet shelves and doors How to install a plastic laminate surface</p>	Chap. 20, pp. 647-674	Workbook chap. 20, pp. 127-133	p. 674 quiz, ques. # 1-15	As above and various types of wood, laminated plywood
		Lab	6	<p><u>Apply</u> Install prefabricated base and wall cabinets Layout and frame a cabinet from drawings Install plastic laminate to a surface Build and install a cabinet drawer, face frame and sliding doors</p>			Practical activities	

8	1,2	Lecture	1	<p><i>Painting, finishing and decorating</i></p> <p><u>Identify</u> Safety rules applying to painting and finishing Proper tools for painting and finish decorating</p> <p><u>Perform</u> Proper procedures for painting, finishing and wallpaper hanging Prepare surfaces for painting</p> <p><u>Apply</u> Trade related math to estimate paint coverage Proper cleaning and storing of equipment Primer coat and finish coat</p>	Chap. 21, pp. 677-702	Workbook chap. 21, pp. 135-137	p. 702 Test ques. # 1-20	As above and patching material, sanding tools, paint, brushes and caulking
		Lab	3	<p>Proper procedures for painting, finishing and wallpaper hanging Prepare surfaces for painting</p> <p><u>Apply</u> Trade related math to estimate paint coverage Proper cleaning and storing of equipment Primer coat and finish coat</p>			Practical activities	
9	1,4	Lecture	1	<p><i>Chimneys and fireplaces</i></p> <p><u>Explain</u> How masonry chimneys are constructed around a flue lining Procedures for construction of a chimney, hearth, walls and throat Common types of factory built fireplaces</p> <p><u>Identify</u> Parts of a typical masonry fireplace Considerations for installing factory-built fireplace units</p> <p><u>Apply</u> Calculate the flue area of a given fireplace Install a prefabricated flue</p>	Chap. 22, pp. 705-719	Workbook chap. 22, pp. 139-143	p. 720 quiz, ques. # 1-10	As above and masonry tools, mortar, flue pipe. Certified fireplace and wood stove inspector
		Lab	3	<p><u>Apply</u> Calculate the flue area of a given fireplace Install a prefabricated flue</p>			Practical activities	

10	1,6	Lecture	1	<p><i>Post-and- beam construction</i></p> <p><u>Describe</u> Advantages and disadvantages of post-and-beam construction Specifications for supporting posts How roof and floor planks should be selected and installed</p> <p><u>Explain</u> Traverse and longitudinal beams</p>	Chap. 23, pp. 721-738	Workbook chap. 23, pp. 145-149	p. 738 Test, ques. # 1-10	As above and engineered and laminated materials
		Lab	3	<p><u>Perform</u> Sketch basic construction details of stressed skin panels and box beams</p> <p><u>Identify</u> Nailing and bolting patterns</p>			Practical activities	
11	1,7	Lecture	1	<p><i>Systems-built housing</i></p> <p><u>Describe</u> Technology of systems-built housing</p> <p><u>Identify</u> Variety of factory built components that are utilized in a systems-built home Differentiate between the basic types and systems-built structures Terms used in the systems-built housing industry Method of moving systems-built housing</p>	Chap. 24, pp. 741-755	Workbook chap. 24, pp. 151-153	p. 756 Test, ques. # 1-10	As above and various types of systems, hangers, bolts and nailing
		Lab	3	<p><u>Apply</u> Systems-built plans Explain erection sequence of a panelized home</p>			Practical activities	

12	1,8	Lecture	1	<p><i>Passive solar construction</i></p> <p><u>Describe</u> The difference between passive and active solar construction A solar retrofit on an older home</p> <p><u>Define</u> Conduction, convection, radiation and thermal siphoning</p>	Chap. 25 pp. 757-774 and chap.26 pp. 797-798	Workbook chap. 25, pp. 155-158	p. 775 Test, ques. # 1-10	As above and a selection of passive solar drawings
		Lab	3	<p><u>Apply</u> Calculate the amount of glazing and storage needed for a passive solar system Locate a dwelling for maximum solar gain Design and install various passive solar systems</p>			Practical activities	
13	1,9	Lecture	1	<p><i>Remodelling, renovating and repairing</i></p> <p><u>Identify</u> Different types of residential construction by visual inspection Bearing walls Accepted methods in replacing all types of doors</p> <p><u>Describe</u> Proper sequence of renovations or repair Repair and replace deteriorated components and systems How to remove parts of a structure without damaging the total structure Determine loads and calculate the correct header size for a span</p>	Chap. 26 pp. 777-801	Workbook chap. 26, pp. 159-162	p. 801 Test, ques. # 1-15	As above and various demolition tools both hand and light powertools
		Lab	3	<p><u>Apply</u> Install and support headers, concealed headers and saddle beams Make repairs to wood and asphalt shingles</p>			Practical activities	

