

Week	Outcomes	Format	Hours	Topic/Content	Readings	Assignments	Assessment	Resources
1,2	1,2	Lecture	2	Interior wall and ceiling finishing	Chap. 16,	Workbook	p. 569 quiz	Handouts,
				<u>Describe</u>	pp. 531-	chap. 16, pp.	ques. #1-20	calculators, green
				Wallboard cutting, nailing and adhesive	567	99-105		tag safety boots,
				techniques				safety glasses. Text
				Characteristics of gypsum plaster, plastering				book <b>Modern</b>
				methods				Carpentry, along
				Methods for levelling and installing suspended				with accompanying
				ceilings				work book.
		Lab	6	Apply			Practical	Construction
				Wall and ceiling covering materials			activities	materials as
				Procedure for installing wood panelling				arranged by
				Apply plastering methods				<i>instructor</i> : drywall,
				Gypsum and metal lathe				mud, cement board
				Layout ceiling tile and furring strips				
3,4	1,2	Lecture	2	Finish flooring	Chap. 17,	Workbook	p. 595 quiz	As above and various
				<u>Describe</u>	pp. 571-	chap. 17,	ques. #1-15	flooring samples,
				Strip, plank and unit block wood flooring	594	pp. 107-111		underlays and
				Procedure for hardboard, particle and wafer				adhesives
				board, plywood underlayment				
		Lab	6	Apply			Practical	
				Layout and install strip flooring			activities	

5	1,3	Lecture	1	Doors and interior trim	Chap. 19,	Workbook	p. 645 quiz,	As above and
				Explain	pp. 619-	chap. 19, pp.	ques. # 1-20	mouldings, door
				The difference between panel and flush-type	644	119-125		frames, casings,
				doors				hinges and door
				Steps for hanging the door				knobs
				<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				
		Lab	3	Apply			Practical	
				Cut, fit and nail baseboard trim, window trim			activities	
				and interior door jambs				
6,7	1,4	Lecture	2	Cabinetry	Chap. 20,	Workbook	p. 674 quiz,	As above and various
				Describe	рр. 647-	chap. 20, pp.	ques. # 1-15	types of wood,
				Types of cabinetry	674	127-133		laminated plywood
				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				
		Lab	6	Apply			Practical	
				Install prefabricated base and wall cabinets			activities	
				Layout and frame a cabinet from drawings				
				Install plastic laminate to a surface				
				Build and install a cabinet drawer, face frame				
				and sliding doors				

8	1,2	Lecture	1	Painting, finishing and decoratingIdentifySafety rules applying to painting and finishingProper tools for painting and finish decoratingPerformProper procedures for painting, finishing andwallpaper hangingPrepare surfaces for paintingApplyTrade related math to estimate paint coverageProper cleaning and storing of equipmentPrimer coat and finish coat	Chap. 21, pp. 677- 702	Workbook chap. 21, pp. 135-137	p. 702 Test ques. # 1-20 Practical activities	As above and patching material, sanding tools, paint, brushes and caulking
9	1,4	Lecture	1	Chimneys and fireplacesExplainHow masonry chimneys are constructed arounda flue liningProcedures for construction of a chimney,hearth, walls and throatCommon types of factory built fireplacesIdentifyParts of a typical masonry fireplaceConsiderations for installing factory-builtfireplace unitsApplyCalculate the flue area of a given fireplaceInstall a prefabricated flue	Chap. 22, pp. 705- 719	Workbook chap. 22, pp. 139-143	p. 720 quiz, ques. # 1-10 Practical activities	As above and masonry tools, mortar, flue pipe. Certified fireplace and wood stove inspector

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

12	1,8	Lecture	1	Passive solar construction	Chap. 25	Workbook	p. 775 Test,	As above and a
				Describe	pp. 757-	chap. 25,	ques. # 1-10	selection of passive
				The difference between passive and active solar	774 and	pp. 155-158		solar drawings
				construction	chap.26 pp.			Ũ
				A solar retrofit on an older home	797-798			
				Define				
				Conduction, convection, radiation and thermal				
				siphoning				
		Lab	3	Apply			Practical	
				Calculate the amount of glazing and storage			activities	
				needed for a passive solar system				
				Locate a dwelling for maximum solar gain				
				Design and install various passive solar systems				
13	1,9	Lecture	1	Remodelling, renovating and repairing	Chap. 26	Workbook	p. 801 Test,	As above and various
				<u>Identify</u>	рр. 777-	chap. 26,	ques. # 1-15	demolition tools
				Different types of residential construction by	801	pp. 159-162		both hand and light
				visual inspection				power tools
				Bearing walls				
				Accepted methods in replacing all types of				
				doors				
				Describe				
				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				
		Lab	3	Apply			Practical	
				Install and support headers, concealed headers			activities	
				and saddle beams				
				Make repairs to wood and asphalt shingles				

14	1,10	Lecture	1	Building decks and porches	Chap. 27	Workbook	p. 819 Test,	As above and various
				<u>Identify</u>	рр. 803-	chap. 27,	ques. # 1-10	decking materials
				Different types of decks and porches	819	pp. 163-164		and fasteners used
				Advantages and disadvantages of different				for decks and
				structural and decking materials				porches including
				Differences between deck and porch				composites
				construction				
		Lab	3	Apply				
				Select and install the appropriate types of				
				fasteners for deck construction			Practical	
				Prepare a site, layout and construct a deck			activities	
15	1,2,3,4,	Lecture	4	Building project completion			Practical	
	5,6,7,8,	/ lab		Complete term project work and all practical			activities	
	9,10			activities			Final test	
16	1,2,3,4,	Lecture	4	Review; take up and discuss final test /				
	5,6,7,8,			assignments / practical activities / sharing and				
	9,10			feedback				