

UNIT	STANDARD	OBJECTIVES (What it looks like in the classroom) The learner will í	Vocabulary terms	# OF DAYS NEEDED FOR MASTERY	INSTRUCTION BEGIN	ASSESSMENT TYPE (performance, project, written test)	RESOURCES (Materials, web sites, auto-visual, print)	LEARNING ACTIVITIES
World of Architecture		Identify historical influences of home design. Recognize and describe elements of dwellings. Discuss current trends in architecture.		3	Semester Course	Pretest Chapter review questions Posttest	Textbook	
Basic House Design		Recognize the four basic house designs and compare advantages and disadvantages of each.		5		Pretest Chapter review Questions Posttest	Textbook	Identify houses in the community that are examples of the basic four designs.
Primary Considerations		Site considerations. Zoning and Codes. Family needs.		8		Pretest Chapter review questions Posttest	Textbook Handouts Maps Local building inspector city planner	Prepare a display to illustrate proper site considerations

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Room Planning Sleeping/Bathroom Area		Discuss factors that are important in the design of bed and bathrooms. Plan the size and location of closets. Apply furniture arrangement. Plan a bathroom that follows solid design principles.		3		Pretest Posttest Drawings	chief architect software, Architecture textbook	Design a small bathroom show location and size of each fixture. Design an average bedroom showing furniture placement.
Room Planning Living Area		Identify the rooms /areas that comprise the living area. Integrate the furniture in a living room plan.		3		Pretest Posttest Drawings	chief architect software, Architecture textbook	Plan a medium-size living room with furniture and present the plan to the class.
Room Planning Service Area		Apply good design principals to planning the service area of a home. Design a functional kitchen and select appliances.		5		Pretest Posttest Drawings	chief architect software, Architecture textbook	Secure specifications and price of kitchen cabinets. Plan a modern kitchen.

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Room Planning Service Area		Plan an efficient clothes care center. Describe appropriate dimensions for garage space.		5				Design a clothes care center. Measure the length and width of standard automobiles and plan adequate space for a two car garage with extra storage.
Plot Plans		Identify the various features from contour lines. Recognize typical topographical symbols and apply them to sites. Properly locate a building on a site. Draw a plot plan.		5		Pretest Posttest Drawings	chief architect Textbook	Select a vacant site, measure and draw a site plan of the property to scale.
Foundations, foundation plan		Identify the primary features included in a foundation plan. Discuss the difference between a foundation/basement plan		5		Pretest Posttest Drawings	Chief architect textbook	Develop a foundation plan from a floor plan
Doors and Windows Form developed by ESU #6		Recognize the functions of doors and windows. Draw proper door and window symbols on a floor plan	Page - 3 -	3		Pretest Posttest Drawings	Chief architect textbook	Develop a door/window schedule from a floor plan

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Floor plan		Design, draw and dimension a residential floor plan using accepted symbols and techniques		21		Pretest Posttest Drawings	Chief architect textbook	Design a modern ranch style home with given specifications
Elevations		List features that should be included on exterior elevations. Draw a typical exterior elevation that demonstrates proper techniques		3		Pretest Posttest Drawings	Chief architect textbook	From the design of the ranch style home develop front, rear, side elevations
Residential Electrical		Plan for electrical needs of a modern home. Identify the three types of electrical circuits used in residential structures		5		Pretest Posttest Drawings	Chief architect textbook	Using the developed floor plan draw an electrical plan

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Residential Plumbing		Identify the elements contained in a residential water and sewage system. Draft a residential water and sewage system		5		Pretest Posttest Drawings	Chief Architect Textbook	Using the developed floor plan design a water and waste water system
Climate Control		Discuss and Identify the components of a complete climate control system. List the advantages/disadvantages of various types of residential heating systems. Select building materials that will provide be best insulation properties.		5		Pretest Posttest Drawings	Chief Architect Textbook	Using the developed floor plan estimate, with help from the local electrical and gas company, cost to heat home.

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Presentation Drawing		Devise a typical presentation floor plan.		5		Pretest Posttest Drawings	Chief Architect Textbook	Using the developed floor plan develop a presentation plot plan showing property boundaries, house location, drive, walks.