



Semester Exam #1

Architectural Design (TED302)
General H.H. Arnold High School
Programs in Technology Education

PROBLEM:

Design a weekend cottage on lake shore property. Obviously you don't have to worry about drawing the lake! You have a beautiful view over the lake with a southern exposure. The property has a light downgrade to the water's edge. There's a long dirt access road that leads from the highway to the cottage. Your yard is the great outdoors!

SPECIFICATIONS:

1. 800 square feet usable floor space (plus or minus 10%)
2. Must include:
 - a) 2 bedrooms and 1 full bath.
 - b) one common all-purpose kitchen / living room.
 - c) a covered porch or patio not included in the 800 square foot limitation.
 - d) area labels and major dimensions.
 - e) provide all rooms with appropriate furniture.
 - f) two exits from the cottage.
 - g) a roof.

PROCEDURE:

1. Put your floor plan, text, dimensions, furniture, plumbing, electrical, and roof on separate levels.
2. Your completed design must include a title block printed on each item turned in.
3. Save your work as: "SEMEXAM".

PRESENTATION:

- Drawing:
1. Floor Plan (orthographic)
 2. Roof and Furnishings
 - a. Two View Perspective
 - b. Interior Perspective View
 3. Dimensioning and Area Labels
 4. Blocks, Slabs, and Macros
 - a. Elevations
 - b. Pictorial Views
 - c. Site Plan

WHEN FINISHED:

Leave your solution displayed on the screen for the instructor to examine.