

Name: _____ Period: _____

Architectural Drafting Assignment Outline

Section 1: 2D Introductory Drawings

(4–5 wk.)

1. Scales
2. Floor Plan Symbols; (library of symbols)
3. Basic Floor Plan
4. Dimensioning Floor Plans
5. Floor Framing
6. Wall Framing
7. Foundation Plans
 - a. 1st / 2nd Floor Walls
 - b. Stairs
 - c. Foundation
8. Elevationals
 - a. Doors
 - b. Windows
 - c. Decks
9. Fire Place Drawing
10. Google Sketchup (& AutoDesk Architectural) Software

Section 2: Home Design

House Plans (1st, 2nd & basement floors)

1. Prep for Design (½ wk)
2. 1st Floor Plan (room labels & sizes) (2 wk.)
3. 2nd Floor Plan (room labels & sizes) (2 wk.)
4. 1st & 2nd Floor Plans with 3 level Dimensions (1 wk)
5. Foundational Plan (include foundation sectional) (1 wk)
6. Roof Plan (½ wk)
7. 3D 1st (& 2nd) Floor Walls (1 ½ wk.)
8. Elevationals
 - a. Front (incl. 1st & 2nd wall sectional) (1 wk)
 - b. Right (and left) (1 wk)
 - c. Rear (1 wk)
9. 3D House (Front, right, Roof (time permitting))
10. Packet Assembly (1/2 wk)

Section 3: Scale Model or Scale Framing of Home

Teams

(2 wk.)

Section 4: Bridge Building (partners)

(time permitting)

1. Design Drawings with necessary views and material list.
2. Build an actual scale model.