

Architectural Drafting

1 Credit (2 Semesters)

Prerequisite: Intro to Drafting

Text: Architectural Drafting Stegman/ Stegman 1974

This course will deal with those aspects of drafting that are most commonly used by architectural draftsman. Areas of study will include residential design, floor plans, foundation plans, electrical plans, sections, elevations, plot plans, and careers in the architecture fields. Students will be expected to create a partial set of house plans of their own design.

The course is graded accordingly:

Plans	50%
Worksheets	30%
Daily work	15%
Lettering	5%

- I. Historical styles of Arch/ structural designs
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- II. Design structure
Sketching

- III. Calculate building costs/ develop specs.

- IV. Floor plan
Sheets 12,13,14,15,16

- V. Plumbing plan/ Electrical
CAD Drawing

- VI. Foundation plan
Sheets 21,22,23,24,25

- VII. Elevations
Sheets 42,43,44,45,46

- VIII. Dim/ Draw wall section
Sheets 24,31,34

- IX. Plot plan- trees/ utilities/ and communication lines
Sheets 2,3,4,5,6,10
Drawing

- X. 3D Model
CAD Drawing

- XI. Roof Frame plan
CAD Drawing

- XII. Interior elevations
 - Fixtures
 - B Built ins
 - C Trim
 - Sheets 55,56

- XIII. Interior Finish schedule
 - Drawing

- XIV. Draw one point perspective
 - a. Interior

- XV. Draw two pint perspective
 - a. Exterior

Unit II	Sketch_____
Unit III	Cost_____
Unit IV	12 ___ 13 ___ 14 ___ 15 ___ 16 ___
Unit V	Drawing_____
Unit VI	21 ___ 22 ___ 23 ___ 24 ___ 25 ___
Unit VII	42 ___ 43 ___ 44 ___ 45 ___ 46 ___
Unit VIII	24 ___ 31 ___ 34 ___
Unit IX	2 ___ 3 ___ 4 ___ 5 ___ 6 ___ 10 ___
Unit X	CAD Drawing_____
Unit XI	CAD Drawing_____
Unit XII	55 ___ 56 ___
Unit XIII	Drawing_____
Unit XIV	Drawing_____
Unit XV	Drawing_____