

# Architectural Drafting - Portfolio Checklist - First Year

The portfolio collected by the student shall be contained in an approved container. Several options will be presented to the students. Any deviation from the presented options should be approved by the students advisor. The items that will be contained in this portfolio are (at minimum) the following:

- Appropriate Portfolio Container
- Self-reflection / evaluation (1<sup>st</sup> year)

## Evidence of:

### **ARCT101 - Drafting**

- Orthographic Drawing (Using tools)
- Isometric Drawing
- Lettering Samples
- Sketching Samples
- Full Set of Drawings from ARCT101

*(Manual drawings)*

### **ARCT102 - Drafting**

- Full Set of Drawings from ARCT102
- Architectural Sketches *(from 2<sup>nd</sup> Semester)*
- Lettering Samples *(from 2<sup>nd</sup> Semester)*

*(Set of working drawings - Manual)*

*(Application of Bldg. Codes)*

*(Application of Structural Design)*

### **CAD 120 - Introduction to AutoCAD**

- Plot of Final Project(s)

*(Computer Drafting Skills)*

### **CAD 220 - Intermediate AutoCAD**

- Plot of Final Project(s)

*(Computer Drafting Skills)*

### **ARCT133 - Construction Methods & Materials**

- Written Technical Report
- Standardized Checklist for Oral Report

*(Verbal & written communication)*

### **ARCT134 - Structural Wood Design**

- Total Loading Problem of Residential Structure  
*(Include weight transfer with sizing of major structural members)*

*(Knowledge and Application of Structural Design)*

### **MATH136 - Technical Math**

- 3 Trigonometric Problems - *including sketches*  
(Complex problems completed at end of course)

*(Applied Math Skills)*

## Comments:

Advisor \_\_\_\_\_

Student \_\_\_\_\_ Date \_\_\_\_\_

Date \_\_\_\_\_

# Architectural Drafting - Portfolio Checklist - Second Year

- Self-reflection / evaluation (2<sup>nd</sup> year)

**ARCT201 - Drafting**

- Full set of Apartment Project
- Lettering / Sketches of Architectural Details

*(Set of working drawings - CAD)*  
*(Application of Bldg. Codes)*  
*(Application of Structural Design)*

**ARCT202 - Drafting**

- Full set of Metal Building Project
- Lettering / Sketches of Architectural Details

*(Set of working drawings - CAD)*  
*(Application of Bldg. Codes)*  
*(Application of Structural Design)*

**ARCT212 - Architectural Presentations**

- Perspective drawing
- Colored Renderings
- Compact Disk with all Projects (Optional)

*(Presentation drawing)*

**ARCT223 - Remodeling**

- Remodeling Project  
(Include sketches and notes)

*(Research, document & present  
team solution)*  
*(Verbal & written communication)*

**ARCT224 - Surveying**

- Data Collection from Final Project
- Plot Final Project

*(Research, document & present  
team solution)*

**ARCT241 - Estimating**

- Estimate of Fourplex
- Computer Aided Estimate example

*(Complete and accurate  
construction estimates)*

**ARCT233 - Structural Steel Design**

- Direct Stress Problem
- Beam Design Problem

*(Knowledge and Application  
of Structural Design)*

**ENGL - Technical Writing**

- Written Report or Essay
- Business Letter
- Resume

*(Written communication)*

**Comments:**

Advisor \_\_\_\_\_

Student \_\_\_\_\_

Date

Date