***Advanced Architectural Materials and Systems***

***DMACC: CON 338 & CON 346***

***Instructor: Mr. Doug Leiting***

***DMACC CREDIT COURSE ( 5 hours)– DMACC competencies for CON 338 & CON 346***

***will be covered***

***CHS- 2 credits***

***\*Prerequisite: Architectural Design and Modeling / CON 337 and CON 341\****

*Semester Course*

*Maximum Class Size – 16*

The focus of this of this course is to further develop the skills gained in Architectural Design and Modeling class. A majority of the class will be focused Chief Architect computer software, concrete systems and forming, and methods involved in the application of building materials. Part of the class will be spent using a transit, building and setting batter boards, squaring a building site, and building / pouring concrete in a construction form. In depth study of construction materials applications, fastening systems, framing problems, and building codes will be covered.

Textbook: Architecture Residential Drawing Chief Architect Users Guide

Goodheart - Willcox Exercise Workbook X6

Lois E. Kicklighter Chief Architect Inc.

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Policies:

* Disruptions to the educational process of the lab/shop area will not be tolerated.
* You cannot learn if you are not here--attendance and quality work time will be built into the grading system.
* Only in emergencies will you be allowed to leave the lab/shop area.
* Anyone caught cheating will automatically be dropped to a minimum of a "D+" for your semester grade. You will not be able to attain a better semester grade than this.

Materials Needed: Grading Scale:

textbook/workbook A = 100-90

pencil B = 89-80

paper C = 79-70

3 ring binder D = 69-60

agenda book

Grading:

Workpoints are 25 % of your grade.

Drawings are 25 % of your grade.

Tests are 25 % of your grade.

Labs are 25 % of your grade