Virginia Western Community College
ARC 221
Architectural CAD Applications Software I

Prerequisites
CAD 241

Course Description
Teaches the principles and techniques of architectural drawing practices through the use of architecture specific CAD software. Utilizes the commands and features of the software to generate drawings that emphasize architectural design and structural systems.

Semester Credits: 3 Lecture Hours: 2 Lab/Clinical/Internship Hours: 2

Required Materials

Textbook:
Revit Architecture 2015: A Hands-On Guide, 1st ed., author: Goldberg, Peach Pit Press, ISBN# 9780133144680

Other Required Materials:
USB Flash Drive

Course Outcomes

At the completion of this course, the student should be able to:

- Understand the concepts of Revit Architecture.
- Create building models.
- Generate different analysis such as area, solar studies.
- Create walkthroughs, detail views and schedules.

Topical Description

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