

**Course Number and Title: ARCH 150 / Intro to CADD I / 4.0 Credits**

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**PROJECT 3: Design and Development – Site Section; 3D Composite Drawing**

Develop 2D and 3D imagery to support design ideas.

**Assignment Objectives:**

Utilize real photographic imagery in combination with digital imagery to develop composite drawings and advance design ideas.

**Assignment 3: Site Section using Terrain Model (Progress due Week 9 via AW Storage)**

Use the 3D terrain model to develop a site section of your design. Incorporate photographs of context in the background in Photoshop and touch up line work to complete the composition.

**Assignment 4: SketchOver 3D Contextual Images (Progress due Week 9 via AW Storage)**

Develop two 3D perspective images in Sketchover that integrate the design of your shade / seating / bikeshelter with the existing context as well as the design for new landscape on the site.

**Assignment 5: Final Presentation (Scale mock-up due by 5pm Week 9)**

A final presentation of all work will be due in Week 10. The final presentation must be one or two plotted panels, approximately 24"x36" in size (other sizes must be discussed with the instructor, larger plotted panels are discouraged).

- A scale mock-up of your final presentation board(s) is due by 5pm on the day of class in Week 9.
- This must be submitted to AW Storage and should be developed in AutoCAD, using appropriately-sized boxes to represent the graphics to be used in the final presentation.
- Draw the boxes at 1:1 scale and XREF placeholder imagery as appropriate to get a sense of the final presentation.
- The final presentation must be assembled in Photoshop as a .PSD and plotted as a .PDF.
- Note: Class will not held in Week 9 to allow students time to prepare final imagery.

**The final presentation boards must include:**

- (3) diagrams, from AutoCAD/Photoshop (300 dpi .JPGs), **P3A1**
- (minimum 2) Human eye height perspective views of final design for seating / shade / bike shelter with sun turned on to show shade / shadow, from SketchUp model (300 dpi .JPGs), **P3A1**
- (1) proposed site plan, with north arrow and scale (300dpi .JPG), **P3A1**
- (1) Bird's eye view of site design, from SketchUp 3D terrain model (300dpi .JPG), **P3A2**
- (1) Site Section, with scale, from terrain model and edited in Photoshop (300 dpi .JPG), **P3A3**
- (2) Sketchover 3D contextual images of design from SketchUp (300 dpi .JPGs), **P3A4**
- Title text (large), your name, date

**All images listed above are due on AW Storage by class in Week 10, as well as:**

- PDF of final presentation plot: **YourName\_ P3A5\_ Final.pdf**
- Extra credit files: Scenes from model (see tutorial); kerkythea renderings

