

Course Number and Title: ARCH 151 / Architectural Drawing I / 3.0 Credits

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(left image) Two-point perspective view of the interior of the Reconstructed Stoa of Attalos, 159-132 BC (presently the Ancient Agora Museum) in Athens, Greece

(right image) Two-point perspective view of a temporary structure on Istiklal pedestrian street, Istanbul, 2008

PROJECT 4, ASSIGNMENT 2: Two-point Perspective

One-point perspective drawing allowed us to represent a central axis of vision which focused the viewer and generated a sense of enclosure particular to a space. Two-point perspective will allow us to view objects at an oblique angle, demonstrating their volumetric nature and other three-dimensional characteristics in context. As the final assignment of the quarter, you are expected to utilize all of your previously-learned skills in developing these final drawings, keeping in mind the following: line weight, layering information; composing a drawing; and using graphic representation to explain design intent.

Select a series of four vignettes that you will use to compose a graphic narrative about a sequence of spaces. These vignettes must be drawn *in two-point perspective*, using a *plan and elevation* of the areas you are drawing as reference in constructing the perspectives.

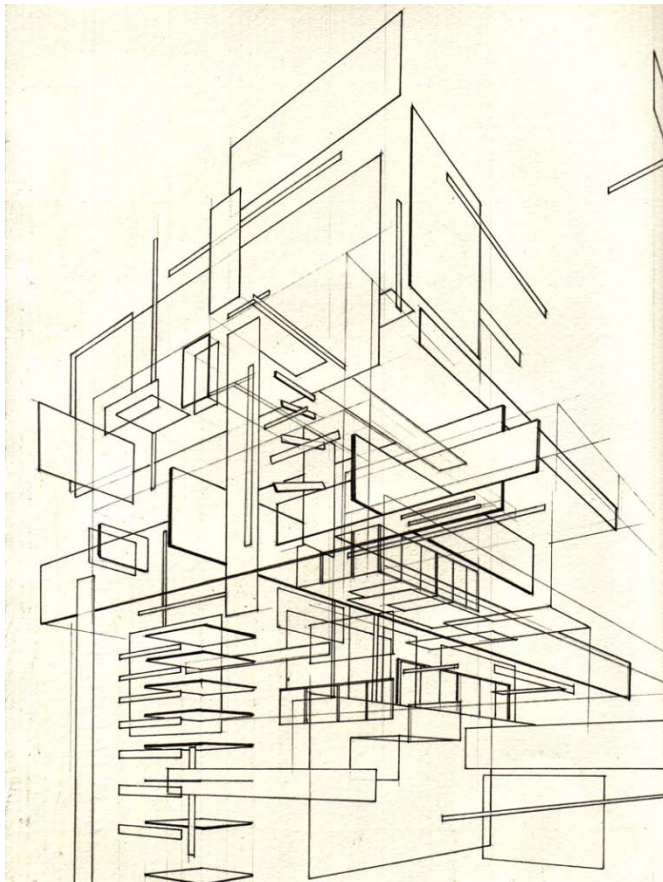
- Complete these drawings in your 11x17 sketchbook or large newsprint sketchpad.
- Drawings can be done freehand or tools may be used if freehand drawing craft is poor.
- Dedicate one page to each two-point perspective and supporting plan and elevation for 4 total pages (supporting drawings may be placed on adjacent pages for more drawing space).

The narrative you develop may be a walk-through of a building, a series of views of buildings or another similar grouping of views. Arrange these drawings in a manner similar to the practice exercise you completed in class. These drawings must be completed in pen or pencil using only a *pure line technique*.

All 4 2-pt perspectives must be scanned and printed on 11"x17" paper for a final review. Hand-letter your name and the date on each page. Name the 4 .JPG files (scanned at 300dpi) YourName_TwoPt_#.JPG.

Note: You may use photographs and your viewfinder as reference to help compose views, but you must demonstrate the *method* of two-point perspective construction, keeping in mind the following principles:

- The Ground Line is the line on which the viewer is standing.
- The Horizon Line is at eye level and the Vanishing Points are located on the Horizon Line.
- All horizontal lines, parallel and perpendicular to the picture plane, converge to two vanishing points .
- Vertical lines always remain vertical – they never converge.
- The vanishing points are established by extending sight lines from the station point to the picture plane. These lines must be parallel to the object you are drawing, and form a 90 degree angle with one another. Vanishing points are established where they cross the picture plane.
- When drawing complex, non-orthogonal forms such as curves and angles, place those objects inside an imaginary orthogonal box to assist in drawing them accurately.
- The location of the station point affects the amount of foreshortening in your image:
 - a. As the station point, or spectator, moves farther away from the object, the vanishing points move farther apart, horizontal lines flatten and perspective depth is compressed.
 - b. As the station point, or spectator, moves closer to the object, vanishing points move closer together and perspective depth is exaggerated.
- The location of your picture plane affects the size of your image, effectively allowing you to zoom in or out on the composition.
 - a. The picture plane must pass through a significant vertical edge of the subject.
 - b. This vertical edge will be used as a measuring line in the drawing.
- Refer to Design Drawing, 1998 edition p. 237 – 242 “Two Point Perspective” and “Common Method”.



Assignment Due:

2pm Tuesday Dec 1 (Section 1) or
Thursday Dec 3 (Section 2)

- 4 scans of just the two-point perspective drawings, printed on 11x17 paper, each with your name and the date. These will be pinned up for a final review.
- 4 .JPGs scanned at 300dpi / grayscale images, saved as YourName_TwoPt_#.JPG emailed to DrexelDrawing@gmail.com
- The two-point perspective constructions will be reviewed in individual desk crits during class.
- The 11x17 prints will be collected for grading after the review.

Final Grading: Please leave your sketchbook on your desk through Tues, December 8, for final grading.