

04 - PLANE OF FOCUS

PHMD 201: Photography I

Fall Semester 2013, Tuesday / Thursday 11:30am – 2:20pm (29180) in A+D 211 / 213 / 313

Title: Plane of Focus - Scheimpflug

Objectives: At the completion of this assignment, student will be able to:
1. Utilize front-standard tilt or swing to manipulate focus along a vertical or horizontal plane that is not parallel to the film plane.

Overview: As visual communicators, there are times we may find that having our focal plane fixed in place parallel to our lens and film plane is rather limiting. For example, we may prefer our focal plane extend through a given scene along a diagonally receding row of buildings. Or, we may want to lay our focal plane down along the horizon to ensure maximum depth of field from near to far. For this assignment, you will make four photographs – utilizing two different methods – that modify and manipulate the focal plane along a vertical or horizontal plane that is not parallel to the film plane.

Materials:

- 4x5 View Camera w/ Cable Release, Dark Cloth, and Focusing Loupe
- Tripod
- 4x5 Film Holders
- 4x5 Sheet Film
- Hand-Held Incident Light Meter or DSLR with Internal Reflective Light Meter

Vocabulary: Focal Plane, Film Plane, Lens Plane, Tilt, Swing

Process / Guidelines: Working alone, expose a minimum of 4 sheets of film:

- A. 2 photograph that swing focus along a vertical plane not parallel to the film plane (building, object).
- B. 2 photograph that tilt focus along the horizontal plane (landscape).

You will utilize the Jobo processor to process your film, and the Hasselblad film-scanner to scan it. Choose the best from each scenario above (2 total) and turn in the following:

- 1. Two (2) neutral inkjet prints on 8.5x11-inch paper.
- 2. Two (2) layered TIFF or PSD files (downsized to approx. 16x20-inches @ 300 ppi and uploaded to the class server) each with the following layers:
 - I. A levels adjustment layer with a defined black (4,4,4) and white point (248, 248, 248).
 - II. A global curve adjustment layer
 - III. At least one local curve adjustment layer with a layer mask (dodge / burn)Files should be approximately 16x20 inches @ 300 ppi.
- 3. 8.5x11-inch contact sheets for any additional film/images made.

Both files and prints should be free of dust and blemishes.

Due Date: **Thurs, Sept 26:** Intro & Demo
Thurs, Oct 3: 2 prints for in-class critique, 2 layered files uploaded to server, Contact Sheet(s)
