

**Architecture Summer Prep Studio 2018**  
**Required Readings and Materials**

**Bibliography**

Required readings are in **bold**; all readings are recommended.  
Readings with \*\*\*asterisks\*\*\* will be provided by the instructor.

**On Perception**

- **Arnheim, Rudolf, *Art and Visual Perception*, (Faber and Faber, London, 1954)**
- Arnheim, Rudolf, *The Dynamics of Architectural Form*, (University of California Press, Berkeley, CA, 1977)
- Arnheim, Rudolf, *Toward a Psychology of Art*, (University of California Press, 1966)
- Ghyka, Matila, *The Geometry of Art and Life*, (Dover Publications, NY, 1977)
- Gibson, James, *The Perception of the Visual World*, (The Riverside Press, Cambridge, MA, 1950)
- **Holl, Steven, Pallasmaa, Juhani, and Perez-Gomez, Alberto, *Questions of Perception, Phenomenology of Architecture*, (William Stout Publishers, San Francisco, CA, 2006)**
- Klee, Paul, *The Thinking Eye*, (George Wittenborn, Inc., New York, NY)
- Koffka, K., *Perception: An Introduction to Gestalt Theory*, (Psychological Bulletin, 1922, vol. 19)
- \*\*\*Mitnick, Larry, *Visual Perception – The Plan as Pattern*, (Harvard Graduate School of Design Publication Series in Architecture)\*\*\*
- Merleau-Ponty, *Phenomenology of Perception*, translated by Colin Smith, (Routledge and Kegan Paul, 1962)
- Pallasmaa, Juhani, *The Eyes of the Skin, Architecture and the Senses*, (John Wiley & Sons, 2005)
- Pallasmaa, Juhani, *The Embodied Image, Imagination and the Imaginary in Architecture*, (John Wiley & Sons, 2011)
- Rowe, Colin and Slutzky, Robert, “Transparency: Literal and Phenomenal”, *Perspecta 8* (Yale University Press, New Haven, CT, 1965)
- Rowe, Colin and Slutzky, Robert “Transparency 2”, *Perspecta 13-14*, (Yale University Press, New Haven, CT, 1974)
- \*\*\*Wong, Wucius, *Principles of Form and Design*, (John Wiley & Sons, 1993)\*\*\*

**On Drawing**

- Bacou, Roseline, *Piranesi – Etchings and Engravings*, (Thames and Hudson, London,
- Belardi, Paolo, *Why Architects Still Draw*, (MIT Press, Cambridge, MA, 2014)
- Ching, Frank, *Architectural Graphics*, (Van Nostrand Reinhold Co., New York, NY)
- Ching, Francis D. K., *Drawing a Creative Process*, (Van Nostrand Reinhold Co., New York, NY)
- Le Corbusier, *Journey to the East*, edited by Ivan Zaknic, (MIT Press, Cambridge, MA)
- Descargues, Pierre, *Perspective*, (Harry N. Abrams, Inc., New York, NY, 1976)
- Edgerton, Samuel Y. Jr., *The Renaissance Rediscovery of Linear Perspective*, (Harper & Row, New York, NY, 1975)
- Mendelowitz, Daniel M. and Wakeham, Duane A., *A Guide to Drawing*, Fifth Edition, (Harcourt Brace Jovanovich College Publishers, Philadelphia, New York, 1993)
- Nevins, Deborah and Stern, Robert A., *The Architect’s Eye – American Architectural Drawings 1799-1978*, (Pantheon Books, New York, NY, 1979)

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- Scheer, David, *The Death of the Drawing: Architecture in the Age of Simulation*, (Routledge 2014)

**On Scale**

- Le Corbusier, *The Modulor*, translated by Peter de Francia and Anna Bostok, (MIT Press, Cambridge, MA)

**Materials List**

Items with \*\*\*asterisks\*\*\* will be provided by the instructor.

**Items you will need immediately:**

- Drawing Pads 14"x17" and 18"x24", 50lb. minimum, tape bound
- 36"x10 yards roll of 70lb. bright white drawing paper
- Box of 500 sheets of good quality bond paper (may be Xerox paper)
- Sketchbook (size of your choice – recommended approx. 8"x10" drawing pad)
- \*\*\*Black and White Construction Paper 12"x18"\*\*\*
- Elmer's glue 8 oz.
- Glue stick, medium or large
- Masking tape ¾"
- Two-sided ½" tape
- Drafting tape or drafting dots
- Clear push pins, 100 pack
- Pencils 5B-5H set & 6B and 6H OR Lead Holder OR Mechanical Pencil with various leads (6B-6H)
- Pencil sharpener or, if you use lead holder, lead sharpener
- White Foam Core 3/16"x40x60 (3-6 sheets, TBD)
- White Foam Core 1/8"x32x40 (2 sheets)
- Matt-Knife – "Olfa 3/4 snap-off"
- X-acto knife and blades
- Kneaded eraser
- Pink and White vinyl eraser
- Architect's scale ruler
- Metal ruler 24" aluminum w/ cork backing
- Metal ruler 36" stainless steel (cutting edge) or "aluma" aluminum
- Cutting surface (could be 1/8" cardboard) or 24"x36" cutting mat
- T square 36" metal
- Triangles 30-60 degrees, 45 degrees (9" minimum, recommended 12")

**Items you will need eventually:**

- 24" roll yellow or white tracing paper
- Charcoal sticks, compressed and vine (soft, medium, and hard)
- Blending stumps for charcoal (small and medium)
- Workable fixative spray
- Desk cover "Vyco" or "Borco" 36"x48"