March 14, 2015

ARCH 500: SUMMER 2015 SUMMER PREPARATORY DESIGN STUDIO and DIGITAL BLAST I

Welcome to the Department of Architecture in the School of Design at the University of Pennsylvania. We are excited about your participation in the Program and look forward to your involvement in the creation of rich and varied work during this intense course of study.

As you know, your matriculation into the three-year Master of Architecture Professional Degree Program is contingent upon the successful completion of ARCH 500-920: Summer Preparatory Design Studio and Digital Blast I: Fundamentals of 3D Modeling. These two courses are designed not only to give you the skills and knowledge necessary to qualify you for entrance into the first semester of the program in September, but they are seen as a necessary first step in a much larger program of professional studies.

We will begin with a mandatory orientation session for all summer architecture students on Friday, June 19 at 10:00am in B3 of Meyerson Hall. Please check in with the Architecture Department office in room 207 Meyerson Hall that morning at 9:30am.

Immediately following our meeting we will assign design studio work desks. The first Digital Blast I meeting will be on Friday June 19th at 1pm. The schedule for the other courses and syllabi will be distributed at the orientation session. In the meantime, I am providing a bibliography for the Summer Preparatory Design Studio for your information. I suggest that you look over the subject areas during whatever free time you may have. In particular, try to read the titles in bold print. The remaining books comprise a general list relevant to the design studio course, and most of these books can be found in the Jerome and Anne Fisher Fine Arts Library on campus. They are suggested resources but are not required readings.

Again, let me welcome you to the School of Design. I look forward to your successful completion of the course and to meeting with you on June 19th. If you have any questions, please do not hesitate to contact me.

Sincerely,

Larry I. Mitnick
Instructor
limitnick@aol.com
Bibliography for Summer Studio

On Perception
  o Rudolf Arnheim, *Toward a Psychology of Art*, (University of California Press, 1966)
  o Paul Klee, *The Thinking Eye*, (George Wittenborn, Inc. New York)
  o --------“Transparency 2.” Perspecta 13-14 (Yale University Press, New Haven 1974)

On Drawing
  o Francis D.K, Ching, *Drawing A Creative Process*,(Van Nostrand Reinhold NY)

* handout
Materials List

Items may be purchased at: Plaza Artists Materials 3200 Chestnut Street, or Blick Art Materials 1330 Chestnut Street

Items with * you need immediately for ARCH 500-920: Summer Preparatory Design Studio

- *24” roll yellow or white tracing paper
- *Drawing Pads 14”X17” and 18” x 24” 50lb min. tape bound
- *36” x 10yds Roll of 70lb bright white drawing paper
- *Box of 500 sheets of good quality Bond Paper (could be Xerox paper)
- *Elmers glue
- *Glue stick
- *Spray Mount (#77 super)
- *Masking Tape ¾”
- *Drafting Tape or drafting dots
- *Clear Push-pin 100 pack, T-pins
- *Pencils 5B-5H set plus 6B and 6H or Mechanical pencil with corresponding leads
- Charcoal Sticks – compressed and vine (soft, medium, hard)
- Blending Stump for charcoal (small and medium)
- Workable Fixative Spray
- 20” x 30” illustration bd cold press
- White Foam Core 3/16” x 40” x 60” (3 – 6 sheets TBD)
- White Foam Core 1/8” x 32” x 40” (2 sheets)
- Bristol paper cold press 1 Ply 23” x 29”
- Museum Board (white) 32” x 40” 1 – 1ply, 1-2ply, 1 4ply (quantity TBD)
- Museum Board (black) 32” x 40” (quantity TBD)
- *Matt-Knife – “Olfa ¾” snap-off blades*
- *X-acto knife and Blades
- *Kneaded Eraser
- *Eraser (Pink and white vinyl)
- Architect’s scale ruler
- *Metal Ruler 24” aluminum with cork backing
- *Metal Ruler 36” stainless steel (cutting edge) or “aluma” aluminium
- *Cutting surface (could be 1/8” cardboard) or 24” x 36” cutting matt
- *T Square 36” metal
- *Triangles (inking) 30 - 60 degrees, 45 degrees (9” minimum, recommend 12”)
- Desk Cover “Vyco” or “Borco” 36” x 48”