EXST014 Exploring Architecture
Young Scholars Discovery Program

Course Faculty
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Course Meeting Times
Monday through Friday 9.00 am to 12.30 pm
Monday 20 July 2015 through 31 July 2015
Location: ARC 1123

You employ stone, wood and concrete, and with these materials you build houses and palaces. That is construction. Ingenuity is at work. But suddenly you touch my heart, you do me good, I am happy and I say "This is beautiful." That is Architecture. Art enters in. (Le Corbusier)

Course Description
EXST014: Exploring Architecture is a foundation course to introduce students to the practice and profession of architecture. The class will explore a broad range of topics related to the field of architecture including design, theory, history and applications in professional practice. Coursework will also include an introduction to the technical skills required in the design process and the basic practice of architecture.

Course Methodology
The two-week course consists of a series of lectures, demonstrations, readings, research, and projects meant to foster hands-on experience in all facets of architecture. The design studio will serve as the laboratory for thoughtful experimentation in space making and media representation. Creative intent, critical thinking, visual-spatial reasoning, iterative problem solving, abstract interpretation, and systematic analysis will be the fundamental skills students will address as part of the course. Although no prior experience in architecture is assumed for this course, students will be expected to engage the coursework vigorously with an interest and intent to learn.

Course Objectives
Survey the basic tenants of architecture and design including history, theory, and practice
Investigate visual-spatial reasoning as a means of problem solving and communication of ideas
Develop critical thinking and analytic skills to assess quantitative and qualitative data as it relates to applications in design

Course Materials
Each student in this course has been assessed a fee for a studio supply packet that should include the following:

- Dahle Chubby Pencil Sharpener
- 14in x 50yd White Trace Paper Roll
- 4 oz Aleene’s Tacky Glue
- Mars Plastic Eraser
- X-ACTO #1 Knife with Safety Cap
- X-ACTO #11 Blades w/ Dispenser 15pk
- Black Pentel SignPen
- Red Pentel SignPen
- Blue Pentel SignPen
- HB Mars Lumograph Pencil
- 4B Mars Lumograph Pencil
- 5.5x8.5 Artist Sketchbook
- 32x40x1/8 White Foam Board
- 30x40x1/32 Chipboard
- Strathmore 400-series paper pad
- Cork-backed straightedge
- Architect’s scale
This packet contains the materials necessary for completing projects, activities and assignments for the duration of the course. There is no required textbook for this course. Class lectures, handouts and any other miscellaneous materials presented to the students during the course are copyrighted by the faculty unless otherwise specified. Course materials may not be reproduced for anything other than the personal use of the students enrolled in the course without permission from the faculty.

Course Policies

Students are expected to be on time and attend all classes and scheduled events. Students should be prompt and prepared each day. Absence is only excused for illness, religious observance, or compelling circumstances beyond the student’s control. Students must submit written documentation to validate an absence and make up all missed work.

Whenever possible, students should inform the instructor in advance if there are any issues that could inhibit their attendance, participation, or completion of the coursework. This could include documented disability, religious observance, etc.

All communication and audio devices including but not limited to smartphones, ipods, ipads, etc. are to be turned off and stowed away during class time unless explicitly directed by the instructor. If a student is expecting an emergency call the instructor should be informed of the situation at the beginning of class. Text messaging, emailing, and making or receiving phone calls during class is strictly prohibited.

Students are responsible for completing all assignments and activities.

Active participation in class discussions and activities is essential to the learning process and is essential to your success in this course.

Inappropriate or disruptive behavior will not be tolerated and disciplinary action will be taken if necessary. This includes but it not limited to rudeness, inattentiveness, and the use of vulgar language.

Students must utilize all architectural drawing and modeling tools with the utmost care. Faculty will demonstrate proper use of each tool prior to use.

Academic dishonesty such as cheating or plagiarism will not be tolerated. Students are expected to submit their own work and to acknowledge or document sources appropriately. The University of Maryland, College Park has a nationally recognized Code of Academic Integrity, administered by the Student Honor Council. This code sets standards for academic integrity at the University of Maryland for all students.