

**Institute of Architecture and Planning
MORGAN STATE UNIVERSITY**

Course: ARCH.530 Design Studio III: 6 Credits

**Jeremy Kargon, Architect
Sanjit Roy, Architect**

Fall Semester 2008 | Mondays and Thursdays, 6pm - 9:50pm.

Prerequisites: ARCH.520

Course Web Site: http://www.jkargon-architect.com/84_HOME-Studio.html

Introduction

THIS SEMESTER'S STUDIO is conceived to introduce Students of Architecture to the design of moderately complex, public-oriented buildings. Emphasis will be placed upon the urban dimension of each building's planning; furthermore, attention to the full range of physical scales -- from Macro to Micro -- will be given throughout the design process.

THIS SEMESTER'S STUDIO will make use of each student's written and graphic analysis to a greater depth than required previously. The study of architectural precedents, through both research and first-hand experience, will serve to provide each student with explicit criteria for the evaluation of their own designs throughout their development. The opportunity for mutual evaluation, criticism, and discussion will further reinforce in each individual a sensibility best described as an *ethos* of "architectural thinking."

Outcomes

Upon completion of this course, each student should demonstrate clear understanding of:

*Architectural "precedent" and "typology";
Formal "languages" and "ordering systems";
Program development and evaluation;
Elements of community design with an urban context;
Legal criteria and other design constraints, such as Zoning,
Building Codes, and Accessibility Requirements;
Technical building requirements, including building systems
and structural principles.*

Objectives

Upon completion of this course, each student should have performed the following activities:

Design through iterative development of plan diagrams and sketches;
Design development through reciprocal evaluation of physical models;
Communication via graphic techniques, including the use of electronic media;
Research concerning Architectural “precedent ”and “typology”;
Research concerning Zoning, Building Codes, and Accessibility Requirements;
Department for public presentations.

All assignments will reflect, in different ways, upon these many themes. Students may refer to the [Curriculum Matrix](#) and [NAAB Skill Requirement Chart](#), available upon request, for better awareness about the pedagogical goals of each curriculum component.

THIS SEMESTER’S STUDIO will encourage both individual and group work at appropriate times to reflect the realities of professional practice, in which the management of architectural services often requires flexible means of realizing shifting goals.

Projects

The semester’s work will comprise of two major design projects, preceded by a graphic research project, the emphasis of which will be graphic analysis. A general description and work outline of these projects is included upon the following pages. Additional assignments, some unique to each student and to pedagogic circumstances, may be given throughout the semester.

In addition to written and graphic work, site-based assignments will also be given, as indicated in the Course Outline.

Attendance

Attendance at each Studio Class session, for its full duration, is required. Due to the constraints of each student’s day-time schedule, it is expected that much of the work during the semester will occur during Studio Class. For this reason, promptness will similarly be required throughout the semester: Each class will start at its designated hour.

University Guidelines stipulate that no more than three (3) non-medical absences are allowed during each semester. Additional absences will result in a failing grade for the course, *unless permission is received in advance from the IAP Program Director*. In all cases, expected absences should be mentioned to the Lecturer in advance; excused absences will require remedial work to recover lost Studio Class time.

Grading

Calculation of Midterm and Final grades will be based upon a numerical average of grades given for assigned work throughout the semester. These numerical grades, on a decimal scale from 1 to 10, may reflect objective and quantitative achievement or subjective judgements about design excellence, communicative and graphic quality, apparent effort, and relative skill level, depending upon the assignments.

Midterm and final Grades will be given on the following scale:

A	9.5	—	10
B	7.5	—	9.4
C	6.5	—	7.4
D	5.0	—	6.5

*Completion off ALL assignments is required for each student's successful completion of the course. Students who have not completed all assignments by the final class session will receive an **F** for the semester.*

Other Considerations

Excused Absences: No more than two (2) nonmedical absences are allowed during each semester. A third absence will result in a written warning, and the lowering of the final mark by one letter grade. Additional absences will result in a failing grade for the course, unless permission is received in advance from the IAP Program Director. *In all cases, expected absences should be mentioned to the Instructors in advance;* in addition, excused absences will require remedial work to make up in-class worksheets.

Late Work: Late work will not be accepted unless it qualifies as excused. All classroom assignments are due at the beginning of the class period. Late assignments will be downgraded one letter grade per week late.

Incomplete Work: As noted above, completion off ALL assignments is required for each student's successful completion of the course. Students who have not completed all assignments by the final class session will receive an **F** for the semester.

Authorship of Work: Any work that is judged to be either wholly or in part based on the work of another student or author (published or not), which is not properly credited (i.e. Footnoted), will be *considered plagiarism*, and therefore failing to meet the major educational objectives of the University. Plagiarism undermines the integrity of the individual, his or her fellow students, and the entire university community at large. It is for this reason that students who have committed plagiarism in this course will receive a *failure* for a final course grade. No warnings will be issued.

All intellectual property rights of student works, including but not limited to architectural models, design plans, etc., are governed by the applicable University policies: Copyright, Patent and Trademark policies. You can view those policies at www.morgancounsel.org.

Student work, including drawings, models, and written reports, may be retained by the University, indefinitely, at each Instructor's discretion.

Course Web Site

All course-related material, including project data, course outline, syllabus, and “reserve” reading material may be found on the Course Web Site:

http://www.JKargon-Architect.com/81_HOME-Studio.html

Students are encouraged to make use of this on-line resource for additional enrichment material which may be come available as the semester progresses.

Required Texts Unwin, Simon, *Analyzing Architecture*, Routledge, 2003
ISBN-10: 041530685X

Papenek, Victor, *The Green Imperative*, Thames & Hudson, 1995.
ISBN-10: 0500278466

McMorrough, Julia, *Materials, Structures, and Standards*, Rockport, 2006.
ISBN-10: 1592531938

Additional Reading Herdeg, Klaus, *The Decorated Diagram*, MIT Press, 1983.
 Krier, Leon, *Essays*, <http://zakuski.utsa.edu/krier/krierpublications.html>
 Tufte, Edward, *Envisioning Information*, Graphics Press, 1990.

Resources Baltimore City Zoning:

<http://cityservices.baltimorecity.gov/charterandcodes/Code/Art%2000%20-%20Zoning.pdf>

2006 *International Codes*, ICC, 2006.

US Green Building Council

<http://www.usgbc.org/>

Architecture News NOW

<http://www.archnewsnow.com/>

The Architect's Newspaper

<http://www.archpaper.com/index.html>

Architecture Lab

<http://architecturelab.wordpress.com/>

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Design Studio III -- ARCH 530, Fall 2008

Jeremy Kargon, Lecturer

Outline and Schedule

08/25/08 M

01 Course Introduction

Introduction to Project 00: Face Off *Comparative Formal Analysis*
[Precedent Assignments; Arrangements for Site Visit; Reading]

08/27/08 W

12:30pm Site Visit to Lewis Museum for African-American Art

08/28/08 TH

Project 00, Session 01

Studio Review of Precedent List
Group Discussion: Assigned Reading

09/01/08 M

02 No Class

Labor Day

09/04/08 TH

Project 00, Session 02

Individual Work Sessions.

09/08/08 M

03 Project 00, Session 03

Group Pin-Up; Graphics Work Shop.

09/11/08 TH

Project 00, Session 04

Individual Work Sessions.

09/15/08 M

04 Project Review -- Face Off

09/18/08 TH

Introduction to Project 01 (Session 00)

Presentation: Design for Cities, not Suburbia;
[CADD Data; Site Model Assignments; Arrangements for Site Visit]

09/20,21 S/Su

Site Visit for Project 01

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09/22/08 M

**05 Project 01, Session 01: Precedent Analysis
Site & Zoning**

Group Pin-Up; Individual Work Sessions

09/25/08 TH

Project 01, Session 02: Site Design

Individual Work Sessions

09/29/08 M

06 Project 01, Session 03: Concept Design

Group Presentation; Individual Work Sessions.

10/02/08 TH

Project 01, Session 04: Concept Design

Presentation: From Macro to Micro;
Individual Work Sessions.

10/06/08 M

07 Project 01, Session 05: Making Architecture

Individual Work Sessions.

10/09/08 TH

Project 01, Session 06: Interim Review

Invited Critics: TBA

10/13/08 M

08 Project 01, Session 07: Embracing Revision

Presentation: Metamorphosis & Metempsychosis;
Individual Work Sessions.
[Individual Graphic Studies]

10/16/08 TH

Project 01, Session 08: Get to Work!!

Individual Work Sessions.

Mid-Terms

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Outline and Schedule

10/20/08 **M** **09** **Project 01, Session 09:** **Interim Review**
Mid-Term Grades Due Invited Critics: TBA

10/23/08 **TH** **Lecture: Barry Bergdoll, *Museum of Modern Art***
Baltimore Museum of Art, 6:30

10/27/08 **M** **10** **Project 01, Session 10:** **Individual Critiques**
Individual Work Sessions.

10/30/08 **TH** **Project 01, Session 11:** **Individual Critiques**
Individual Work Sessions.

11/03/08 **M** **11** **Final Project Review -- Project 01**
Invited Critics: TBA.

11/06/08 **TH** **Introduction to Project 02 (Session 00)**
Presentation: From Macro to Micro -- and Back
[CADD Data; Site Model Assignments; Arrangements for Site Visit]

11/10/08 **M** **12** **Project 02, Session 01: Site Analysis**
Group Pin-Up; Individual Work Sessions

11/13/08 **TH** **Project 02, Session 02: Site Design & Parti**
Group Pin-Up; Individual Work Sessions.

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Outline and Schedule

11/17/08 M **13** Project 02, Session 03 Concept Design
Individual Work Sessions.

11/20/08 TH Project 02, Session 04 Concept Design
Individual Work Sessions.

11/24/08 M **14** Project 02, Session05: Interim Review
Invited Critics: TBA

11/27/08 TH No Classes
Thanksgiving

12/01/08 M **15** Project 02, Session06: Making Architecture 1
Group Presentation; Individual Work Sessions.

12/04/08 TH Project 02, Session 07: Making Architecture 2
Individual Work Sessions.

12/08/08 M **16** Project 02, Session08: Work!

12/11/08 TH Semester-End Project Review -- Project 02
Invited Critics: TBA

12/16/08 M **16** Semester Review: Individual Critiques
Grades Due 12/17
Additional Project Development be continued during the first weeks of the Spring Semester...