

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

**Course:**                   **Design Studio IV: 6 Credits**  
                                  **ARCH.540**  
                                  **Jeremy Kargon, Lecturer**  
                                  **Sanjit Roy, Lecturer**  
                                  **Spring Semester 2009 | Mondays and Thursdays, 6pm - 9:50pm.**

**Prerequisites:**       ARCH.530

**Course Web Site:**   [http://www.jkargon-architect.com/84\\_HOME-Studio.html](http://www.jkargon-architect.com/84_HOME-Studio.html)

### **Introduction**

This semester's studio will continue instruction by the techniques and processes to which Students were introduced during the previous semester. As before, students' design focus will be upon a moderately-complex, public-oriented building. Although some emphasis will remain upon the urban factors relating to each building's conception, additional attention will be paid to more general issues concerning site design, such as grading, landscape architecture, and each building's relationship to the natural environment. This semester's work will also provide students with the opportunity to develop further the content of their projects. An introduction to the concept of "Integrated Design" will reinforce students' awareness of the interrelationships among technical building systems and organizational complexity.

This semester's studio will continue the emphasis upon model-making for testing and evaluating nascent architectural ideas. Model making, at a larger scale, will be introduced so that students may represent the spatial character of their designs. Additional assignments concerning architectural precedent and analysis will afford students with the opportunity to hone the analytical techniques to which they were exposed previously. Opportunities for mutual evaluation, criticism, and discussion will continue to engender in each individual the sensibility described previously as an *ethos* of "architectural thinking."

This semester's studio will reinforce Student's knowledge of the following concepts:

*Empirical Data: Field Study & Urban Site Analysis;*  
*Organizational Determinants: Program Development and Evaluation;*  
*Urban Design: Communities within an Urban Context;*  
*Transportation Infrastructure: Transit & Pedestrian/Vehicular Movement;*  
*Structural Systems: Conception, Design, and Integration;*  
*Integrated Design (including Mechanical and Sustainable Technologies).*

Attention will be paid throughout the semester to further develop the following skills:

*Graphic and Modelling Techniques for Iterative Design Development;  
Modelling and Graphics for Representation & Presentation;  
Research concerning Architectural “precedent ”and “typology”;  
Research concerning Zoning, Building Codes, and Accessibility Requirements;  
Department for public presentations.*

This Semester’s Studio will continue to encourage both individual and group work at appropriate times, as decided upon by the Instructors.

### **Attendance**

*Attendance at all Studio Class sessions, for their full duration, is required.* Due to the constraints of each student’s day-time work 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 SAP Department Chairman.*

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.

### **Projects**

The semester’s work will comprise, during the first month, of a continuation of last Semester’s final design projects; afterwards, students will investigate an additional design project of significant complexity and depth. Additional assignments, some unique to each student and to pedagogic circumstances, may be given throughout the semester.

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

## 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](http://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](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.

**Resources**

*2006 International Codes*, ICC, 2006.

US Green Building Council

Architecture News NOW

The Architect’s Newspaper

Architecture Lab

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

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

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

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

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**Instructor Information:** Jeremy Kargon, Architect, Lecturer  
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## Course Schedule

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|---|------------|--|
| 1 | M, Jan 26  | <b>Course Introduction</b><br><b>Project 02 (Continued) Session 01</b><br>Conversation: <u>Design Development &amp; Strategies</u>   |
|   | Th, Jan 29 | <b>Design Development</b><br><b>Project 02 (Continued) Session 02</b><br>Work Session / Desk Reviews   |
| 2 | M, Feb 02  | <b>Design Development</b><br><b>Project 02 (Continued) Session 03</b><br>Work Session / Desk Reviews   |
|   | Th, Feb 05 | <b>Design Development</b><br><b>Project 02 (Continued) Session 04</b><br>Pin-Up: Elevations and Wall Sections  |
| 3 | M, Feb 09  | <b>Design Development</b><br><b>Project 02 (Continued) Session 05</b><br>Work Session / Desk Reviews   |
|   | Th, Feb 12 | <b>Design Development</b><br><b>Project 02 (Continued) Session 06</b><br>Work Session / Desk Reviews   |
| 4 | M, Feb 16  | <b>Final Presentation</b><br><b>Project 02</b><br>Invited Critics: TBA   |
|   | Th, Feb 19 | <b>Guest Lecture:</b> Ruth Connell, Morgan State University<br><i>"Louis Kahn's Salk Institute"</i><br><br><b>Project Introduction</b><br><b>Project 03 Session 01</b><br>Conversation: <i>What Kind of Landscape? What Kind of Science?</i> |

- F, Feb 20  
12pm  
**Guest Lecture:** Margaret Grubiak, Villanova University  
*"The God Box and the Gas Tank:  
Modern Religious Architecture at I.I.T. and M.I.T."*
- 5 M, Feb 23  
6pm  
**Guest Lecture:** Stuart W. Leslie, Johns Hopkins University  
*"A Different Kind of Beauty: Scientific and Architectural Style in  
I. M. Pei's Mesa Laboratory and Louis Kahn's Salk Institute"*  
**Schematic Design**  
**Project 03 Session 02**  
Work Session / Desk Reviews
- Th, Feb 26  
**Schematic Design**  
**Project 03 Session 03**  
Work Session / Desk Reviews
- 6 M, Mar 2  
**Schematic Design**  
**Project 03 Session 04**  
Pin-Up: Schematic Design
- Th, Mar 5  
6pm  
**Guest Lecture:** Bill Chan, Morgan State University  
**Schematic Design**  
**Project 03 Session 05**  
Work Session / Desk Reviews
- 7 M, Mar 9  
**Design Development**  
**Project 03 Session 06**  
Work Session / Desk Reviews
- Th, Mar 12  
**Design Development**  
**Project 03 Session 07**  
Work Session / Desk Reviews
- 8 M, Mar 16  
**Interim Presentation I**  
**Project 03**  
Invited Critics: TBA
- W, Mar 18  
**AIA Lecture: Stefan Behnisch**  
Falvey Hall at Brown Center, Maryland Institute College of Art,  
1300 W. Mount Royal Avenue 6 p.m
- Th, Mar 19  
**Design Development**  
**Project 03 Session 08**  
Desk Reviews -- Project Progress Study

M, Mar 23 **Spring Break**  
Th, Mar 26

9 M, Mar 30 **Design Development**  
**Project 03 Session 09**  
Work Session / Desk Reviews

Th, Apr 2 **Design Development**  
**Project 03 Session 10**  
Work Session / Desk Reviews

10 M, Apr 6 **Design Development**  
**Project 03 Session 11**  
Group Pin-Up

Th, Apr 9 **Design Development**  
**Project 03 Session 12**  
Work Session / Desk Reviews

11 M, Apr 13 **Design Development**  
**Project 03 Session 11**  
Work Session / Desk Reviews

Th, Apr 16 **Design Development**  
**Project 03 Session 12**  
Work Session / Desk Reviews

12 M, Apr 20 **Design Development**  
**Project 03 Session 13**  
Work Session / Desk Reviews

Th, Apr 23 **Interim Presentation II \* Baltimore Green Week Presentation**  
**Project 03**  
Invited Critics: TBA

- 13 M, Apr 27 **Comprehensive Design and Presentation  
Project 03 Session 09**  
Work Session / Desk Reviews
- Th, Apr 30 **Comprehensive Design and Presentation  
Project 03 Session 10**  
Work Session / Desk Reviews
- 14 M, May 4 **Comprehensive Design and Presentation  
Project 03 Session 11**  
Work Session / Desk Reviews
- Th, May 7 **Comprehensive Design and Presentation  
Project 03 Session 12**  
Work Session / Desk Reviews
- 15 M, May 11 **Comprehensive Design and Presentation  
Project 03 Session 13**  
Group Pin Up
- Th, May 14 **Comprehensive Design and Presentation  
Project 03 Session 14**  
Work Session / Desk Reviews
- 16 **M, May 18 Final Presentation  
Project 03**  
Invited Critics: TBA

T,W May 19 *Second Year Comprehensive Review by Graduate Faculty*

Th, May 21 **Student-Teacher Interviews**