ARCH 7410: ARCHITECTURAL DESIGN STUDIO
THE COMPREHENSIVE STUDIO: LIVING IN CLOVER

The Ohio State University, Austin E. Knowlton School of Architecture
Autumn 2013 - Mondays, Wednesdays, Fridays 1:30-5:30 [see schedule]

Studio Instructors
Robert Livesey  livesey.1@osu.edu  (614) 292-3190  (Office Hours: 11am-12pm, MW – KN200E)
Bart Overly  overly@blostein-overly.com  (614) 602-BLOV  (Office Hours: 12pm-1pm, MW – arranged)

Please call or email to schedule an appointment in advance.

A COMPREHENSIVE DESIGN STUDIO

Architecture is confronted with numerous demands in its quest for substantiation, from overwhelming market forces to the narrow constraints of building codes. The systematization and regulation of these competing demands resists the totalizing ideals of architectural mastery. While meeting the NAAB accreditation requirement for a comprehensive studio, Architecture 7410 has a more fundamental agenda: to deploy the architectural skills with which architects negotiate markets and offer alternatives to existing conditions. The studio offers that architecture most effectively engages cultural, economic, social, and political forces through the intelligent deployment of its own practices.

ARCH 7410 also develops a student’s ability to produce a complete architectural project in stages, from pre-design through the detailed development of programmatic spaces, building assemblies, structural and environmental systems, and sustainability and life-safety provisions. To this end ARCH 7410 is coordinated with ARCH 5520 “Building Construction II,” which guides students through the development of building assemblies. The studio will limit its mechanical systems requirements to HVAC and electrical systems addressed by ARCH 5810 and 6810.

ARCH 7410 is the terminal requirement of the core studio curriculum wherein a student must demonstrate the ability to produce a complete architectural project. A high level of discipline and maturity is expected, and the highest standards are maintained.

STUDIO PROBLEM: LIVING IN CLOVER

to live (or be) in clover : ‘to live luxuriously; clover being extremely delicious and fattening to cattle’

In this graduate studio the interest lies in translation: translation of creative motivators into architectural ideas, translation of architectural ideas into concepts and organizations, and translation of concepts and organizations into rich details that reinforce the motivational qualities that initiated our design research in the first place. All the while, these translations will be positioned against a thorough and deep understanding of ideas coming before it: precedents or paradigms, which are indeed riffs on and translations of other motivators which are ready for citation, disassembly and inventive reassembly.

For the autumn semester of 2013, the program for ARCH 7410 will be multi-family housing and support program. The studio will use as its project site the 5 acre +/- site of a recently completed apartment building, 400 Goodale. Located on Goodale Avenue, facing the Olentangy River and surrounded on the other two sides by entry/exit ramps to SR 315 and I-670., the site is disconnected from the urban fabric while at the same time it is highly visible moving into and out of downtown Columbus. Having served in some industrial capacity before being cleared for new use, this site is near a redeveloping industrial area taking shape as “Grandview Yard.” One question will be whether to re-establish the urban grid, to exploit the uncommon boundaries, or both. The site will be treated as an open site, and (taking into consideration highway rights-of-way) the other contiguous parcels to the north are also available for investigation.
THE SITE
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POLICIES

Format: As a research-based studio, the exact nature of each assignment or requirement will be subject to the discovery of previous efforts, and the evolving expectations for the assignment will be based on communications between the instructor and the studio. All communication with the studio instructor should be carefully considered (especially e-mail) and literally followed, as it will be critical in communicating the necessarily evolving directions and assignments. Studio meetings will be of two types: collective meetings in which to engage material as a group, and studio sessions (or work sessions) that engage individual and team efforts. Collective meetings include pin-ups and reviews. The specific requirements for the pin-ups and reviews are found in the relevant handout. The remaining days on the schedule (work sessions) include “desk crits”. In all cases, regardless of schedule, it is expected that the entirety of studio time (M, W, F 1:30-5:30pm) will be spent on the studio project. Due to the number of students who are to present, it is imperative that students have work pinned up and are ready to present at the beginning of each class session.

Evaluation: As the work in the studio is both individual and collective, the criteria of evaluation include not only design excellence, but also the ability to make constructive contributions within the overall framework of the studio: research, documentation and contribution to the discussions of the studio. There will be one major design project, as well as additional assignments. Grading is based on a comparison with other students in the course, with students who have taken the course previously, and with the instructors' personal expectations relative to the objectives of the course. Evaluation of projects is by jury review involving reviewers from other courses, other academic institutions, and architectural firms. For an "A", the student must satisfy the course objectives excellently; for a "B", in an above average manner; for a "C" in an average manner; for a "D" in the lowest acceptable manner; and a "F" denotes that the student has not satisfied the course objectives. Students are reminded that they must maintain a 3.00 cumulative GPA to remain in good academic standing.

Documentation: Students must submit electronic documentation of all work presented for research, schematic, and design development reviews. Each drawing must be saved as a separate press quality pdf (300 dpi minimum) and have Adobe Illustrator compatibility turned on. Final models must be photographed and saved as jpegs (8.5" x 11", 300 dpi minimum.) All files should be named according to the following convention: (course number and quarter)_ (name of assignment – either research, schematic, or development) (last name of authors) (number of drawing in sequence) (descriptive name, like “Site Plan” or “Sequence Diagram”). Therefore, the convention is: 7410A13_assignment_authors_drawing number_ drawing name.pdf. These files are to be placed in X:\Livesey_Robert\Homework \Arch 7410 \Drop Assignments. Students must place documentation by 5PM 2 December 2013 (see schedule). Failure to meet this deadline will result in a grade of "Incomplete."

Deadlines: Students who miss deadlines due to valid extenuating circumstances may submit the required work at a later date, as agreed upon with the instructor. University regulations limit such circumstances to serious personal illness and death in the immediate family. Unexcused late projects are not accepted, incomplete projects are evaluated in relation to their degree of completion, and a student is present only if he or she presents sufficient work to the instructor. A student will be warned by email after the first unexcused absence; a student’s grade will drop one letter grade after the second unexcused absence; and a student with three unexcused absences will be immediately dismissed and given an “F.”

Studio Behavior: It is crucial that students work in the studio, because of the collaborative nature of the comprehensive project. Students are responsible for keeping their areas clean and floors free from obstructions. Liquor, smoking, spray painting, welding, room dividers, and bicycles are not permitted. Loud noise is forbidden during studio hours. Graffiti and vandalism of any kind are grounds for expulsion.

Sexual Harassment: O.S.U.’s Sexual Harassment policy, which applies to all faculty, staff, and students, includes lewd remarks and inappropriate comments made in the studio environment, classroom, and computer labs as well as the "display of inappropriate sexually orientated material in a location where others can see it." Students can file a complaint by contacting Student Judicial Affairs at 292-0748. Sanctions include reprimand, suspension, and dismissal from the University.

Students with Disabilities: If a student requires accommodation for a disability, he or she should immediately arrange an appointment with the professors and the Office for Disability Services. At the appointment, the professors, disability counselors, and student can discuss the course format, anticipate needs and decide upon accommodations. Professors rely on the Office for Disability Services for assistance in verifying the need for accommodations and developing accommodation strategies.
# Schedule

**W 21 August 2013** Begin Stage One: MOTIVATIONS / PARADIGMS / CONDITIONS.

**F 23 August 2013** Motivations Internal Review; three precedents selected for Monday.

**Week 1**

**M 26 August 2013** Precedent Presentation; narrow and expand research to one.

**W 28 August 2013** Studio Review of expanded precedent; studio organizes to select teams.

**F 30 August 2013** Site Visit; Motivations / Paradigms alignment; Teams formed.

**Week 2**

**M 2 September 2013** Labor Day; no studio meeting

**W 4 September 2013** Studio Review, Conditions and sub-condition organization

**F 6 September 2013** Studio Review, full set of Conditions Boards

**Week 3**

**M 9 September 2013** Studio Review, Site Model, Digital Model, and Model Adaptations

**W 11 September 2013** Studio Review Internal Run Through

**F 13 September 2013** REVIEW: MOTIVATIONS / PARADIGMS / CONDITIONS

**Week 4**

**M 16 September 2013** Begin Stage Two, SCHEMING.

**W 18 September 2013** Studio

**F 20 September 2013** Studio: Shape and Volume Focus

**Week 5**

**M 23 September 2013** Studio

**W 25 September 2013** Studio

**F 27 September 2013** Studio: Structural Focus

**Week 6**

**M 30 September 2013** Studio

**W 2 October 2013** Studio

**F 4 October 2013** Studio: Environmental Focus

**Week 7**

**M 7 October 2013** Studio

**W 9 October 2013** Studio

**F 11 October 2013** REVIEW: SCHEMING. Begin Stage Three, DEVELOPMENT.
**SCHEDULE CONTINUED**

**Week 8**

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<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Work Session:</th>
<th>Requirements:</th>
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<tbody>
<tr>
<td>M</td>
<td>14 October</td>
<td>Reactions from Schematic Review</td>
<td>none</td>
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<td></td>
<td>Individual group discussions with Livesey and Overly</td>
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<td><em>Projects to be re-hung in studio</em></td>
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<tr>
<td>W</td>
<td>16 October</td>
<td>Refinements and Structural Focus (w/ consultant):</td>
<td>Edited Configuration/Performance Diagram Panels</td>
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<td>Massing Model</td>
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<tr>
<td>F</td>
<td>18 October</td>
<td>Refinements and Systems Focus (w/ consultant):</td>
<td>Revisions to Configuration/Performance Diagram Panels</td>
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<td>Appearance Set: drawing/diagram developing structural strategy</td>
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**Week 9**

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<th>Day</th>
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<th>Pin Up:</th>
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<tbody>
<tr>
<td>M</td>
<td>21 October</td>
<td>Organization and Volume:</td>
<td>Configuration/Performance Diagram Panels</td>
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<td>Revised Massing Model</td>
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<td>Draft A1, A2, A3, A6</td>
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<td>W</td>
<td>23 October</td>
<td>Finish: Interior Development Session</td>
<td>Interior based Appearance Panels</td>
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<td>Draft A2, A3, A4</td>
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<tr>
<td>F</td>
<td>25 October</td>
<td>Detail: Exterior Development Session (w/ consultant):</td>
<td>Exterior based Appearance Panels</td>
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<td>Draft A1, A2, A3, A5, A6</td>
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**Week 10**

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<tr>
<td>M</td>
<td>28 October</td>
<td>Diagram Communication</td>
<td>Configuration/Performance Diagram Panels</td>
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<tr>
<td>W</td>
<td>30 October</td>
<td>Appearance Communication</td>
<td>Configuration/Performance Diagram Panels</td>
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<td>Draft A1, A3, A5</td>
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<td>F</td>
<td>1 November</td>
<td>DEVELOPMENT MID REVIEW</td>
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**Week 11**

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<tr>
<td>M</td>
<td>4 November</td>
<td>Reactions from Schematic Review</td>
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<td>Individual group discussions with Livesey and Overly</td>
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<td><em>Projects to be re-hung in studio</em></td>
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<tr>
<td>W</td>
<td>6 November</td>
<td>Team Sessions (1-5)</td>
<td>Refinements and development/presentation directions</td>
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<td>Individual group discussions with Livesey and Overly</td>
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<tr>
<td>F</td>
<td>8 November</td>
<td>Team Sessions (6-10)</td>
<td>Refinements and development/presentation directions</td>
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SCHEDULE CONTINUED

Week 12

M  11 November 2013  Veterans Day; no studio meeting
W  13 November 2013  Work Session:  Refinement and Presentation Production  
Requirements:  Individual group discussions with Livesey or Overly
F  15 November 2013  Work Session:  Refinement and Presentation Production  
Requirements:  Individual group discussions with Livesey or Overly

Week 13

M  18 November 2013  Work Session:  Refinement and Presentation Production  
Requirements:  Individual group discussions with Livesey or Overly
W  20 November 2013  Work Session:  Refinement and Presentation Production  
Requirements:  Individual group discussions with Livesey or Overly
F  22 November 2013  Review Dry Run:  All Teams  
Requirements:  Complete Presentations with draft work in progress

Week 14

M  25 November 2013  Work Session:  Refinement and Presentation Production  
Requirements:  Final Models presented in site model
T  26 November 2013  GALLERY SHOW and FINAL REVIEW:  “Final Friday” Celebration
W  27 November 2013  Thanksgiving Break; no studio meeting
F  28 November 2013  Thanksgiving Break; no studio meeting
M  02 December 2013  Documentation Due; see POLICIES

Recommended Texts

Other Resources
Readings listed above are available on the x drive > Livesey > Arch7410 and on reserve in the KSA library.