Instructor: John Abela  
Office hours: By Appointment  
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Course Meetings  
TBD: We will discuss at our first class meeting during Module 0 on Tuesday 30 August @ 5:30pm EST

Course Schedules  
Please refer to the Course Calendar, Syllabus, and other materials posted on Blackboard during the semester. It is the student's responsibility to monitor this site for updates.

Course Description  
ARC 5814 Advanced Design Studio 1 [fall semester]  
Students complete an advanced-level design project through guided research, process and proposition. Students will direct their individual responses through a specific studio topic issued by the instructor. Students will demonstrate an understanding of theories and principles of design, practice and sustainability with demonstrated ability to synthesize and integrate these understandings.  
Studio; 6 hours, 4 credits  
Prerequisites: ARC 5012 Research Methods, ARC 5623 Current Issues, ARC 6103 Master Class

ARC 5824 Advanced Design Studio 2 [spring semester]  
Students complete an advanced-level design project through guided research, process and proposition. Students will direct their individual responses through a specific studio topic issued by the instructor. Students will demonstrate an understanding of theories and principles of design, practice and sustainability with demonstrated ability to synthesize and integrate these understandings.  
Studio; 6 hours, 4 credits  
Prerequisite: ARC 5814 Advanced Design Studio 1

Course Content  
Advanced Design Studio requires a working knowledge of fundamental principles of design, research, representation (manual and digital), building systems, structures, environment, history, theory and ethics. The course is conducted as a design studio intended for graduate architecture, interior and urban design students with emphasis on the role of research in design process and proposition through specific topics and issues proposed by individual instructors. It is intended to develop students' applied theory, research and integrated design skills to an advanced level. Course activities will include individual and group exercises and critiques, in addition to lectures and seminars. Students will be required to present their work in progress to peers and faculty, and present completed work to a review jury of faculty and guest critics. Students will be released from class time, on occasion, to attend public lectures sponsored by the College.

Course Objectives  
Students are expected to achieve understanding and ability in the following objectives:  
- Develop and refine skills in research, analysis and conceptual synthesis in design process.  
- Develop critical skills related to design thinking, principles and process; specifically in situation definition, problem identification, formulation, analysis, synthesis, and resolution.  
- Develop and advance skills in graphic, written and oral communication and representation.  
- Integrate critical issues and strategies for sustainability and apply them to design.  
- Integrate technical understandings and abilities and apply them to design.  
- Consider, discuss, and demonstrate an understanding of professional best-practices.  
- Improve skills and ability to engage in intelligent and informed conversations about design.
Research, Reading, and Writing in the Advanced Design Studio

Required Text or References
N/A

Recommended References
Anything & Everything

Plagiarism, Reading, and Writing
For specific advice and guidelines on plagiarism, reading, writing, and help with these subjects, please refer to the document, “Reading, Writing Proficiency, and Plagiarism” posted on the course Blackboard site. You are responsible for understanding this material.

The faculty of the College of Architecture and Design believe that written and verbal competencies are essential intellectual and professional skills, that competent written communication is an exercise in, and a reflection of, clear thinking, and that our courses must reinforce these skills. The College will reinforce the importance of writing skills in all appropriate courses and in all assignments that consist of or contain written material. This includes short or extended essays as well as assignments that are primarily graphic.

Writing in course assignments will be assessed for content, clarity, and mechanics by the course instructor. Students will be asked to make corrections where necessary. Accuracy in spelling, grammar, syntax, and format is to be required in the presentation of all writing, including primarily graphic assignments and presentation documents.

The Graduate Studio

Studio Culture
Studio culture is at the core of architectural education, and the College has created a Studio Culture document that outlines the rights, responsibilities, and expectations of all participants. The full text of the Studio Code is posted on the course Blackboard page located on your Blackboard course site under Course Documents/Policies/Studio Code. The intention of the Studio Code is to address the quality of the academic experience available to students while encouraging the growth of a community. The critics and instructors are more than willing to communicate advice and ideas directly relevant to projects under development. They will make an effort to provide a viable framework for the understanding of theory, intentions, and ideas.

Your Work and Life Outside of School
While it is acknowledged that many students hold jobs off campus, the content and requirements of this studio will in no way be compromised to accommodate this situation. By registering for a class, each student assumes the responsibility to meet the requirements of successful completion of that class and to minimize outside distractions while enrolled in the design studios.

Course Communications and Blackboard
The semester calendar, scheduled events, assignments, important data, and announcements will be posted on Blackboard. The Blackboard address is http://www.my.ltu.edu, and it may be accessed from any computer with an Internet connection. Students are urged to check the site and their LTU e-mailboxes regularly for course-related announcements. Please make sure that your preferred email address is the one registered on the Blackboard site; see myLTU/Personal Information/Edit personal Information.

Communication with the Instructor and the Other Members of the Class
You are asked to provide your preferred email address to the instructor and the other students in the
course so that you can share course information. You are encouraged to correspond with your instructor by email, anytime.

**Responsible Behavior Policy**
The design studio is a shared learning environment where interaction is encouraged.

**LTU Academic Honor Code**
Lawrence Technological University is committed to creating an academic community that values both individual and collaborative efforts that promote learning and discovery. Such a community expects honesty and integrity in the work of all its members. Students, faculty, and staff are expected to follow established standards of academic integrity and honesty. Academic misconduct entails dishonesty or deception in fulfilling academic requirements and includes, but is not limited to, cheating, plagiarism, or the furnishing of false information to the University or a University affiliates in matters related to academics. An affiliate of the University is any person, organization, or company who works in conjunction with Lawrence Technological University for the purposes of assisting students in fulfilling their academic requirements. It is therefore this institution’s stated policy that no form of dishonesty among its faculty or students will be tolerated. Although all members of the University community have an obligation to report occurrences of dishonesty, each individual is principally responsible for his or her own conduct.

Students will be asked to sign a document affirming their commitment to the honor code.

The full text of the LTU Academic Honor code can be found at: http://www.ltu.edu/currentstudents/honor_code.asp

**Retention of Student Work**
As noted in the University’s undergraduate catalog, “All two and three dimensional drawings, as well as reports and other written studies submitted in satisfaction of any required or elective courses become the property of the University. When such work is kept, arrangements will be made for the student to receive suitable photographic copies as a record of his or her design work.” Exemplary examples of student work may be retained for College events, for accreditation visits, for exhibitions, or as examples for future classes.

**Evaluation of Student Work**
Studio instructors will be responsible for issuing written assignments which clearly state the objectives, specific work product required, and submittal deadlines. Instructors are also responsible for issuing written grading sheets that evaluate the specific work product relative to the stated objectives. Grades in design studio will be compiled from individual assignment grades and weights; indicated as a percentage of the total grade by the instructor. This will, by definition, give the major assignments the most weight. Full course participation is expected and will influence grading by instructor discretion.

**Evaluation Criteria**

The following criteria will influence your grade:
- Attendance, studio interaction, participation in class discussions, and professional conduct.
- Compliance with design deadlines and meeting the specific course requirements.
- Your continuing design progress, during each class session and from session to session, is critical to your advancement. This includes demonstrating an increasing understanding of the course topics, design skills, and the exploration of a multitude of design alternatives and architectural ideas on your own and in discussions. Your steady work will lead to improvement and this will be rewarded.

**Graduate Studio Academic Grading Policy**

A  Outstanding relative to course requirements, at graduate-level standards.
B  Distinctly above course requirements, at graduate-level standards.
C Meeting course requirements, below graduate-level standards.
F Not meeting course requirements and below graduate-level standards.

A
Achievement that is outstanding relative to the stated policies, objectives and requirements of the studio syllabus, project statements and exercises relative to the standard expected for graduate work. Student is able to extend objectives and issues significantly beyond the stated scope through articulate discoveries, insights, propositions and synthesis. Student demonstrates a high level of dedication, rigor, open-mindedness and exceptional resourcefulness. Student demonstrates outstanding ability to productively engage critique, work consistently and excel independently. Student produces work that is exceptionally rigorous, extraordinarily well-crafted and fully communicates breadth and depth of investigation and development.

B
Achievement that is distinctly above the stated policies, objectives and requirements of the studio syllabus, project statements and exercises while fully meeting the standard expected for graduate work. Student is able to extend objectives and issues beyond stated scope through discoveries, insights, propositions and synthesis. Student demonstrates a capable level of dedication, rigor, open-mindedness and resourcefulness. Student demonstrates competent ability to productively engage critique, work consistently and improve independently. Student produces work that is thoughtful, carefully crafted and clearly communicates breadth and depth of investigation and development.

C
Achievement that meets the stated policies, objectives and requirements of the studio syllabus, project statements and exercises in every respect, yet is below the standard expected for graduate work. Student is able to meet objectives and issues through some discoveries, insights, propositions and synthesis. Student demonstrates a marginal level of dedication, thoughtfulness and resourcefulness. Student demonstrates a marginal ability to productively engage critique and work consistently. Student often requires additional assistance for direction, development and improvement. Student produces work that is marginally crafted or considered, and partially communicates investigation or development. Student exhibits poor time-management skills or ability to meet deadlines.

F
Achievement that fails to meet the stated policies and objectives of the studio syllabus, project statements and exercise requirements and is distinctly below the standard expected for graduate work. This includes work that is complete but not worthy of credit. This also includes work that was not completed and no written agreement was made between instructor and student that an official incomplete would be granted. Student is clearly not able to meet stated objectives and issues. Student demonstrates minimal dedication, thoughtfulness or resourcefulness. Student lacks demonstrated ability to productively engage critique or work consistently. Student requires significant assistance for direction or development. Student produces work that is fragmentary, incomplete, poorly-crafted, or inadequately communicates investigation or development. Student exhibits unacceptable time-management skills and is unable to meet deadlines.

Additional Guidelines from the Instructor

Individual Critiques
The instructor will try to be fair and see all students in a regular rotation. However, a student who has not come prepared for class by completing the assignments or advancing his or her work may have to wait for an individual critique. Students are expected to attend each class session whether or not an individual desk critique is expected or scheduled for that day as additional materials relevant to the current assignment may be introduced by the instructor during class time.

Reviews of Student Work
All reviews are to be attended by all students. The review process is an opportunity to ask questions and see different approaches to the problems explored in the course. Students who are not presenting are
expected to be actively involved in the discussion of the work. You are specifically encouraged to participate in review discussions. At the very least, you must come prepared to take notes and make sketches, for yourself and for others during their reviews, when needed.

*Presentations*

Course instructor will issue guidelines for all required representation and presentation work and format. This will include both digital and analog work, including physical models at the instructors’ discretion.

*Course Activities*

Students will be expected to contribute to and participate in a variety of activities:

*Design and Research Assignments* will form a significant part of the work of this course. Design work will be emphasized but all design requires research.

*Lectures* may be presented as needed by the instructor during class to introduce students to new ideas and methods, building types, architectural concepts, and the design process.

*Seminars* may be organized as needed so that students can present research ideas to each other for their mutual benefit and to encourage open discussion and cooperation.

*Reading* assignments will be made on an occasional basis. Assignments may be made for the entire class or for individual students. Class reading assignments will be made available by library reserve, on Blackboard, or other appropriate means. Readings will generally be the basis for in-class discussions.

*Public Lectures* are organized by the Department of Architecture for the benefit of students and the profession. Students are strongly encouraged to attend (even if the lecture is scheduled during a class period) and take notes (make sketches, ask questions) at the lectures.

*Field Trips* may be organized, when appropriate, so that the class can see examples of good architecture and urban spaces, hear an important lecture, visit a museum exhibit, and visit course project sites.

*A Note Regarding Notes*

Students are expected to take notes during all presentations, lectures, field trips, and discussions.