

# **ARCH4601 / 5605.....Summer 2006**

MaryAlice Torres-MacDonald, Assoc. Prof.  
Summer I  
Glenn Hill, Associate Prof.  
Summer II

Studio V – Comprehensive Studio

## **COURSE SYLLABUS**

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### **Contact Information:**

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Office Hours: Wed. via internet 4:00 - 5:00 pm

Friday in Houston from 6:30 – 7:30 pm by appt. and / or by appointment as needed  
and available.

Prof. Glenn Hill,

Cell Phone: 806-742-3136

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Office Hours: Friday in Houston from 6:30 – 7:30pm or by appointment  
MW 10:30am – 12:00pm in Lubbock

## **CATALOGUE DESCRIPTION**

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4601: (6:3:8) Prerequisite: ARCH 3502. Tonality:Comprehensive. Architectural design involving the integration of programmatic and contextual issues, construction technology, and cultural factors.

5605: (6:0:12) Synthesis of human and environmental interaction. Comprehensive architectural design of complex building types involving integration of cultural factors, programming, conceptual issues, construction technology, and cost estimation.

## **COURSE DESCRIPTION**

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*This studio course focuses on comprehensive architectural design. The course consists of scheduled guest reviewers, and the weekly design studio reviews by the course instructors. The studio learning experience is active and interactive, involving a series of phases of a single design project. Student learning is individual as well as a group effort and team effort, and requires regular and very active participation.*

## **COURSE ORGANIZATION**

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WEDNESDAY: 6:00 PM – 9:00 PM

*In class as well as internet based*

WEDNESDAY: 6:00 PM – 9:00 PM

*In class as well as internet based*

**LOCATION:** HOK, Inc.

2800 Post Oak Blvd. (William's Tower)

Ste. 3700

Houston, TX 77056

NOTE: Floor location will be announced when we receive details from the firm. Meet each class period in upper level lobby (chairs area across from security counter) by class time.

FRIDAY: 9:00 AM – 6:00 PM

May 24 – June 23

FRIDAY: 9:30 AM – 6:30 PM

June 28 – Aug 4

## **PEDAGOGIC OBJECTIVES**

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- *To become familiar with the range of attributes entailed in achieving high-quality comprehensive architectural design: built form, conceptualization, programmatic details, cost analysis and estimation, accessibility systems, cultural influences and construction technology.*
- *To become familiar with instrumental professional process of architecture;*
- *To learn the nature, strength and relevance of these and to seek to relate behavioral and organizational outcomes to them;*
- *To build abilities for working in digital environments including the production of graphic and written evidence in a timely fashion, and in lucid and publishable form.*

## **NAAB CRITERIA**

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This 4601 course meets the following NAAB Criteria: (2- 9,13-30)

The 5605 course also meets the following NAAB Criteria: (2,6)

From NAAB Guide to the Student Performance Criteria:

**Awareness:** Familiarity with specific information, including facts, definitions, concepts, rules, methods, processes or settings.

Students can correctly recall information without necessarily being able to paraphrase or summarize it.

**Understanding:** Assimilation and comprehension of information. Students can correctly paraphrase or summarize information without necessarily being able to relate it to other material or see its full implications.

**Ability:** Skill in relating specific information to the accomplishment of tasks. Students can correctly select the information that is appropriate to the situation and apply it to the solution of specific problems.

For a copy of the guide in pdf format see: [http://www.naab.org/usr\\_doc/Guide\\_to\\_SPC\\_with\\_addendum.pdf](http://www.naab.org/usr_doc/Guide_to_SPC_with_addendum.pdf)

## **ABSENCES**

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The College of Architecture follows the class attendance policy set out in the Undergraduate Catalog and the Graduate Catalog. The College supports the definition of four absences as being excessive, and constituted cause for having the student drop the class with instructor approval or receive a grade of "F". Since this studio conducts class on an alternate schedule from the typical studio course held in Lubbock, **attendance on Fridays is considered two class periods**. Therefore, the absence from one Friday class period will constitute two absences and the absence of two Friday class periods will constitute grounds for "F" in the course. The Texas Tech University Catalog states that a student who is absent from classes for the observance of a religious holy day will be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence. The professor constitutes the definition of 'reasonable time'. The Texas Tech University Catalog states that the person responsible for a student missing class due to a trip should notify the instructors of the departure and return schedule in advance of the trip. The student may not be penalized and is responsible for the missed material. By requirement of this studio, **advance notice** is considered two weeks prior to the field trip.

## **PROJECT REQUIREMENTS**

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Requirements of the design projects are mandatory. Any deviations or omissions from the program will be reflected in the evaluation and grade. Requirements of the design program will be announced by the studio professor. Please see Grading Criteria section.

## **GRADING CRITERIA**

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For each grading period, we will give you a grade based on the criteria above. The grades will be as follows:

A – Performs work beyond expectation and excels in all key areas of evaluation.

B – Performs work above average and excels in most key areas of evaluation.

C – Performs average level work and complies at an average level with key areas of evaluation.

D – Does not perform to basic standards. Student does not reach basic level in key areas of evaluation.

F – Student is producing unacceptable work that does not meet requirements of the course.

### **GRADING BREAKDOWN:**

The studio will be broken into three segments of grading as follows:

Primary Research Period (15%) – first two weeks of studio

Primary Schematic Period (25%)– Week three - five of studio

Final Period (50%)– remaining 5 weeks of studio

Participation (10%)

**NOTE:** Attendance can alter the outcome of your grade structure as noted under "Attendance" section of syllabus.

**LATE WORK:** Late work receives one letter grade off automatically with additional points taken for any work completed beyond one day late at 5 points per day.

### **WEB POSTING:**

On the website, there will be access to student folders. You will each have a folder with your name (first name, last initial). Click the Front Page icon in Internet Explorer, enter your credentials, and start editing the page. The same is applicable for team folders. The following is the studio website: [http://www.arch.ttu.edu/courses/2006/Summer/4601\\_5605/](http://www.arch.ttu.edu/courses/2006/Summer/4601_5605/) If you do not know how to post, there are instructions under Class Administration on the website.

## **READING**

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Throughout the semester, selected readings from the following source will be chosen for group discussion:

- *Barnett, Jonathan. In The Elusive City. New York: Harper and Row Publishers, 1986.*

- *Benedikt, Michael. For An Architecture of Reality. Lumen Books, NY, NY, 1987.*
- *Calthorpe, Peter and Fulton, William. The Regional City. Island Press, Washington, D.C., 2001.*
- *Carmona, Matthew, Heath, Tim, Tanner, Oc, and Tiesdell, Steve. Public Places Urban Spaces: The Dimensions of Urban Design. New York, NY, Architectural Press, 2003.*
- *Deplazes, Andrea. Constructing Architecture: Materials, Processes, Structures. Birkhauser, 2005.*
- *Erl, Thomas, Service-Oriented Architecture: Concepts, Technology, and Design. Prentice Hall.*
- *Hiss, Tony. The Experience of Place. First Vintage Books, N.Y. City, N.Y., 1990.*
- *Pallasmaa, Juhani: The Eyes of the Skin: Architecture and the Senses, Wiley Academy, Great Britain, 2005.*
- *Lynch, Kevin. In A Theory of Good City Form. Cambridge: MIT Press, 1984.*
- *Michelson, William. Man and His Urban Environment: A Sociological Approach. Addison Wesley Publishing Company, Reading, MA., 1976.*
- *Rykwert, Joseph. The Seduction of Place: The History and Future of the City. New York: Vintage Books, A Division of Random House, Inc., 2000.*
- *Seamon, David and Mugerauer, Robert, editors. Dwelling, Place and Environment: Towards a phenomenology of person and world. New York, Oxford: Columbia University Press, 1985.*
- *Zumthor, Peter. Thinking Architecture: 2<sup>nd</sup> Expanded Edition. Birkhauser. 2006.*

#### ADDITIONAL TEXTS YOU MAY FIND HELPFUL:

Edward Allen; Joseph Iano. The Architect's Studio Companion. John Wiley & Sons, Inc. New York 1989. You may find this at a variety of bookstores including online stores such as Amazon. Below is one listing. The cost is roughly \$85. You do not need to purchase the book since it is also available through Rice University Fondren Library.

[http://www.law-edu.com/The\\_Architects\\_Studio\\_Companion\\_3rd\\_Edition\\_0471392359.html](http://www.law-edu.com/The_Architects_Studio_Companion_3rd_Edition_0471392359.html)

### **PROJECTS**

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The semester assignment for the studio project will be the Intermodal Center / Multimodal Terminal for the City Of Houston. While the student will have primary research work, the student will work in a collaborative team within the studio to address the design problem. You will be required to utilize both computer and hand drawing skills. Vignette sketching is important and will be expected.

### **PORTFOLIO DOCUMENTATION**

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Students should remember to document all work as needed for your professional portfolio. A portfolio is required of all scholarship applications as well. PDF copies of your work will also be required.

### **IMPORTANT UNIVERSITY/STUDIO DATES**

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**May 24, Wednesday** – First Studio Class (studio begins prior to university schedule due to contact hour requirements for studio course credit)

**June 5, Monday** - Last day to drop on the web

**June 20, Tuesday** – Last day to drop a course

**August 4, Friday** – Final Project Review

**August 12, Saturday** – Commencement

### **SUPPLIES NEEDED**

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- Laptop - All students must provide a laptop for use during studio hours. This is critical to this studio as you will work on your laptop from the studio class. The host firm is providing us with a conference room which provides internet connections for each of you. Internet connect via high speed internet should be on your laptop and is required for this studio.

If you do not know which laptop you need and are purchasing one, please see the CoA website which provide specifications for what is needed. Denny on the 9<sup>th</sup> floor can also help you. His email address is: [denny.mingus@ttu.edu](mailto:denny.mingus@ttu.edu).

You will need the ability to:

- Convert your files to pdf format
- Store large drawing files on your laptop, a separate portable hard drive, or memory key
- Scan some images to be used in presentations and for design development work

Also needed:

- Trace Paper

- Model Supplies - You may be required to build a model during this semester, so materials for this are considered part of your studio requirement.
- Notebook / Sketchbook for note taking and sketching on field trips
- A digital camera is useful, but not required.

### ***FIELD TRIPS***

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Field trips are a requirement of this course. They will always be held on a Friday so as not to interfere with your practicum work with the firms.

### ***STUDIO BEHAVIOR***

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Student is expected to comply with the student handbook for 2005-06. In addition, on-site studio in the offices of HOK apply as follows:

1. *Observe proper dress codes---casual and clean, no tee shirts, shoes- no flip-flops.*
2. *Do not loiter in employees work space –stay in your assigned area at all times*
3. *Be punctual, if you are late call my cell phone. 20 minutes late constitutes a tardy. Three tardies constitute one absence.*
4. *Do not stay in the building beyond 9:00PM (Wednesday) or 6:00 PM (Friday) unless you have prior authorization.*
5. *Keep the work-space clean at all times.*

### ***ACADEMIC INTEGRITY***

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The Texas Tech University Catalog (p.49) states, "It is the aim of the faculty of Texas Tech University to foster a spirit of complete honesty and high standard of integrity. The attempt of students to present as their own any work that they have not honestly performed is regarded by the faculty and administration as a serious offense and renders the offenders liable to serious consequences, possibly suspension." Texas Tech University has been and will continue to be strongly committed to high ethical standards for administration, faculty, staff and students.

**Cheating** is defined as: Dishonest on examinations and quizzes or on written assignments, illegal possession of examinations, the use of unauthorized notes during an examination or quiz, obtaining information during an examination from the examination paper or otherwise from another student, assisting others to cheat, alteration of grade records, illegal entry to or unauthorized presence in an office are instances of cheating.

**Plagiarism** is defined as: Offering the work of another as one's own, without proper acknowledgment, is plagiarism: therefore any student who fails to give credit for quotations or an essentially identical expression of material taken from books, encyclopedias, magazines and other reference works, or from the themes, report or other writings of a fellow student, is guilty of plagiarism.

As defined in the Student Affairs Handbook, Part IX, Section C, a plagiarism violation includes, but is not limited to:

1. The use, by paraphrase or direct quotation, of the published or unpublished work of another person without full and clear acknowledgment:
2. The unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.
3. Sources of information must be acknowledged in an appropriate manner. Plagiarizing work (design, drawings, etc.) or submitting work which is not your own will result in an "F" grade for the semester. See Part IX, Section E of the Student Affairs Handbook.

### ***STUDENTS WITH DISABILITIES***

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*Any student who because of a disability may require special arrangements in order to meet course requirements should contact the instructor as soon as possible to make any necessary accommodations. Student should present appropriate verification from AccessTECH. No requirement exists that accommodations be made prior to completion of this approved university procedure.*

### ***OFFICE OF THE OMBUDSMAN***

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*The Office of the Ombudsman is available to assist students with any conflict or problem that has to do with being a student at Texas Tech University. You may visit the Ombudsman in 202 Student Union Building or call 806-742-4791.*

***NEWSLETTER***

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During the summer we may ask each of you to provide information about the work you are doing in your firm. An electronic newsletter will be produced that will highlight the firm's and enable the studio to learn within the environment of the internship experience. You will all be expected and required to contribute to this newsletter.

***HOST FIRM - HOK, Inc.***

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The host firm should be respected at all times. Attire is business casual. No sloppy clothes as this firm is larger and often has clients visiting their offices. The firm environment is to be respected and please do not roam their offices.