The University of Texas at Arlington
CAPPA - School of Architecture

Instructor: Dennis A. Chiessa
Office: Arch 428
Office Phone: 817.272.2801
Email Address: chiessa@uta.edu
Faculty Profile: https://mentis.uta.edu/explore/profile/dennis-chiessa
Office Hours: MWF 5:00 – 6:00 pm (email if you need to meet)
Syllabus: ARCH 3554 Design Studio | Architecture II
Location: Arch 430
Meeting Time: **MWF** 2:00 PM – 4:50 PM

Description of Course Content:

ARCH 3554 Design Studio | Architecture II

A continuation of ARCH 3553, with an increased complexity and scale of projects, incorporating a variety of design theory and technical/site considerations. Prerequisite: ARCH 3323, ARCH 3343, ARCH 3553. Credit or concurrent enrollment in ARCH 3324 and ARCH 3337. Junior standing in program. Restricted to Architecture majors.

Pedagogy:

Teaching architecture principles focuses on developing the student's ability to understand what an architectural idea is, how it is developed, and how to implement it into a design problem. The design process is explored through experimentation. Lectures and design exercises emphasize the development of an architectural idea.

Student Performance Criteria:

Student learning objectives are coordinated to reflect the National Architectural Accreditation Board (NAAB) Student Performance Criteria (refer SOA website). The criteria for ARCH 5592 encompasses two levels of accomplishment as follows:

1. **Ability:**   Skill in using specific information to accomplish a task in correctly selecting the appropriate information, and in applying it to the solution of a specific problem.

    A.1 Professional Communication Skills: Ability to write and speak effectively and use representation media appropriate for both within the profession and with the general public.

    A.2 Design Thinking Skills: Ability to raise clear and precise questions, use abstract ideas to interpret information, consider diverse points of view, reach well-reasoned conclusions, and test alternative outcomes against relevant criteria and standards.

    A.3 Investigative Skills: Ability to gather, assess, record, and comparatively evaluate relevant information and performance in order to support conclusions related to a specific project or assignment.

    A.4 Architectural Design Skills: Ability to effectively use basic formal, organizational and environmental principles and the capacity of each to inform two and three dimensional design.

A.5 Ordering Systems: Ability to apply the fundamentals of both natural and formal ordering systems and the capacity of each to inform two and three dimensional design.

A.6 Use of Precedents: Ability to examine and comprehend the fundamental principles present in relevant precedents and to make informed choices about the incorporation of such principles into architecture and urban design projects.

B.2 Site Design: Ability to respond to the site characteristics, including urban context and developmental patterning, historical fabric, soil, topography, ecology, climate, and building orientation, in the development of a project design.

B.3 Codes and Regulations: Ability to design sites, facilities, and systems that are responsive to relevant codes and regulations, and include the principles of life-safety and accessibility standards.

B.5 Structural Systems: Ability to demonstrate the basic principles of structural systems and their ability to withstand gravitational, seismic, and lateral forces, as well as the selection and application of the appropriate structural system.

B.6 Environmental Systems: Ability to demonstrate the principles of environmental systems design, how design criteria can vary by geographic region, and the tools used for performance assessment. This demonstration must include active and passive heating and cooling, solar geometry, daylighting, natural ventilation, indoor air quality, solar systems, lighting systems, and acoustics.

2. **Understanding:**   The capacities to classify, compare, summarize, explain and / or interpret information.

    A.7 History and Global Culture: Understanding of the parallel and divergent histories of architecture and the cultural norms of a variety of indigenous, vernacular, local, and regional settings in terms of their political, economic, social, ecological, and technological factors.

    A.8 Cultural Diversity + Equity: Understanding of the diverse needs, values, behavioral norms, physical abilities, and social and spatial patterns that characterize different cultures and individuals and the responsibility of the architect to ensure equity of access to sites, buildings, and structures.

Requirements:

Prerequisite: ARCH 3323, ARCH 3343, ARCH 4353. Credit or concurrent enrollment in ARCH 3324 and ARCH 3337. Junior standing in program. Restricted to Architecture majors.

Required Textbooks:

North of the River: A Brief History of North Fort Worth, J'Nell Pate

Descriptions of major assignments and examinations:

There will be 4 major assignments:

1. Urban Analysis + Presentations | students will work in teams to analyze the different parts of the North Side of Fort Worth. This research will be complement the previous research conducted in the Fall '18 by previous studio.
2. Urban Vision | Urban design proposal for (1) 25th St./Azle Ave. neighborhood commercial corridor or (2) Marine Creek.
3. Architectural Project | Each student will be assigned one of two design problems:
    a. Cultural Building on the site bound by Marine Creek, NW 25th St., Main St., and Ellis Ave.
    b. New Police and Community Facilities
4. Portfolio – semester documentation in the form of a portfolio – digital and physical – due at the end of the semester.

Schedule (tentative as some things may shift based on availability of guests and other factors.)

Week	Monday	Wednesday	Friday
01_1.14	Introduction, Research Teams ACAD intro, Illustrator, PShop	History of FW | North Side Model Planning	Field Trip Austin
02_1.21	MLK Holiday	Urban Analysis Model 50%	Site Visit * Sat. Afternoon 1pm-3pm
03_1.28	Community Meeting 1 **100% Collective Research Pinup 1 Begin Urban Visions**	Desk Crits	Community Meeting 2
04_2.04	Design Development	Desk Crits	Desk Crits (Visiting Prof.)*
05_2.11	**Urban Visions Prelim Pinup 2**	UV Final Production	**Urban Visions Final Pinup Pinup 3**
06_2.18	Architecture Project Site Design Lecture	Concept + Parti due Design Development	Desk Crits* Begin Site Model
07_2.25	Site strategy **Pinup 1 [4]** Study Model	Community Meeting 3	Desk Crits **Site Model Due**
08_3.04	Desk Crits	Desk Crits	Desk Crits (Visiting Prof.) *
09_3.11	*Spring Break*	*Spring Break*	*Spring Break*
10_3.18	Desk Crits	Study Model 3	**Pinup 2 [5] In Study Model in Context**
11_3.25	Desk Crits	Desk Crits | 4/28CAPPA SPLASH	Desk Crits * **DROP DATE**

12_4.01	Desk Crits	Desk Crits	Building Codes – **Quiz 5**
13_4.08	Desk Crits	**Pinup 3 [6] final prelim.**	Desk Crits *
14_4.15	Desk Crits – design dev.	Drawings updated	Context model
15_4.22	Final Presentation REDLINES	Final Production	**Final Model Due** **Final Boards Due**
16_4.29	Class Portfolio + Movie	Class Portfolio + Movie **Final Review [7]**	**Last Day of Class** **Super Reviews**

Attendance:

At The University of Texas at Arlington, taking attendance is not required but attendance is a critical indicator in student success. Each faculty member is free to develop his or her own methods of evaluating students' academic performance, which includes establishing course-specific policies on attendance. As the instructor of this section, I have established the following attendance policy:

Three absences are allowed, after which you will be advised to withdraw from the class. For each additional absence students will receive a one letter grade reduction from his/her overall course grade. Students are expected to attend every studio session and all pin ups and reviews. Excuses are unacceptable for incomplete work and absences. **Pinups are mandatory, being absent during a scheduled pinup, at minimum, will result in half a letter grade reduction of final grade**.

Students are expected to be in studio during the entire class session. Being tardy, leaving early, or disappearing for extended periods of time during class will amount to the equivalent of one absence per 3 occasions. Students will be considered late if they are not in class at the moment attendance is called. It is the student's responsibility to inform the instructor when he/she comes in late. If late, student should assume attendance was taken and he/she was marked 'Absent'.

The studio space is set up as a learning environment, working in studio is mandatory during class time and strongly encouraged outside of class time.

While UT Arlington does not require instructors to take attendance in their courses, the U.S. Department of Education requires that the University have a mechanism in place to mark when Federal Student Aid recipients "begin attendance in a course." UT Arlington instructors will report when students begin attendance in a course as part of the final grading process. Specifically, when assigning a student a grade of F, faculty report the last date a student attended their class based on evidence such as a test, participation in a class project or presentation, or an engagement online via Blackboard. This date is reported to the Department of Education for federal financial aid recipients.

Other Requirements:

There will be field trips during the semester. Students are encouraged to attend all field trips as these form an important part of the design process. Carpool is recommended.

Coming to class without tools or things to work on/with will result in conference and student will be advised to go get his/her things to work on and will be counted absent. It is required that students print their work daily if working on the computer. Redlining drawings and sketching is still a primary vehicle for iterative design process.

Grading:

Projects will be evaluated on: design, craftsmanship of drawings and models, and preliminary reviews and process on the scheduled 'Pinup' days on the schedule above.

Each assignment is equally important to further develop overall comprehension of course material and is considered mandatory.

Excellent craftsmanship is essential in architecture and will be a component of consideration for assignment evaluations. Craftsmanship helps develop architectural skills including attention to detail, articulation, and an understanding of jointure and connection. Craftsmanship is an important factor in model building, but also includes precision in drawing.

Work is due at the commencement of class on the assigned date. **Late work shall not be accepted.**

All evaluations of work shall be based on the students' design comprehension, mastery of course material, and the ability to communicate design thesis through dialogue, and visual presentation on the scheduled pinups.

A – Exceptional
B – Above Average
C – Average
D – Poor
F – Failing

Letter grade definitions:

A – Exceptional:

Student has strongly exceeded all requirements as provided by instructor. The work products and quizzes reflect genuine comprehensive understanding of concepts and design vocabulary. The work not only meets the requirements of the project but also exceeds the scope of work. An 'A' student challenges all reading material, lectures and assignments in a consistent process through an architectural dialogue with the instructor, critics and fellow students

B – Above average:

Student has completed all requirements as provided by instructor. The work products and quizzes reflect strong comprehension of objectives, vocabulary and reading assignments. Student participates in most class discussions, asks appropriate questions and shows genuine interest in developing design skills. Presentations are well-crafted, with attention to detail.

C – Average:

Student has completed all requirements as provided by instructor. The work products and quizzes reflect basic comprehension of design objectives, vocabulary and reading assignments. The student is prepared for most sessions with new work. Student participates in some class discussions, asks few questions and shows little interest in developing design skills. Presentations are completed to meet requirements only.

D – Poor:

Student has not completed all requirements as provided by instructor. Design solutions fail to reflect basic design principles, and demonstrate a lack of comprehension of course material. Student rarely participates in class discussions and shows little initiative to advance design vocabulary. Assignments are rarely completed on time. Final drawings and models are poorly crafted with little attention to detail and minimal delineation of concepts.

F – Failing:

The following, in whole or in part, constitute a failing grade: student completes only a portion of the requirements as provided by instructor, the student demonstrates lack of comprehension of course material, the student is ill prepared for sessions, the student does not participate in class discussions, and shows no initiative to advance design vocabulary; assignments are not completed on time; final presentations are crafted poorly without attention to detail and lack delineation of concepts.

Final evaluation will be broken down as follows:

Daily progress + Final Portfolio		10 %
Urban Visions, Analysis, Context		30 %
Architectural Project		50 %
Pinups x 3	10%	
Final pinup	20%	
Final Group Portfolio/Movie		10%
Total		100%

Grades are final and not negotiable.

Cell Phones and Computers:

Cell phones should not be a distraction during class time. Texting, talking, watching videos, and use of social media on your phone/computer is not permitted.   Computers should only be used for completing assignments. Student will be asked to leave the studio and will be counted absent if he/she violates this policy.

Drop Policy:

Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. **Students will not be automatically dropped for non-attendance**. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (http://wweb.uta.edu/aao/fao/).

Disability Accommodations:

UT Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including *The Americans with Disabilities Act (ADA), The Americans with Disabilities Amendments Act (ADAAA),* and *Section 504 of the Rehabilitation Act.* All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of disability. Students are responsible for providing the instructor with official notification in the form of **a letter certified** by the Office for Students with Disabilities (OSD). Only those students who have officially documented a need for an accommodation will have their request honored. Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek services and/or accommodations by contacting: **The Office for Students with Disabilities, (OSD)** http://www.uta.edu/disability/ or calling 817-272-3364. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability.

Counseling and Psychological Services, (CAPS)

www.uta.edu/caps/ or calling 817-272-3671 is also available to all students to help increase their understanding of personal issues, address mental and behavioral health problems and make positive changes in their lives.

Non-Discrimination Policy:

The University of Texas at Arlington does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disabilities, genetic information, and/or veteran status in its educational programs or activities it operates. For more information, visit uta.edu/eos.

Title IX Policy:

The University of Texas at Arlington ("University") is committed to maintaining a learning and working environment that is free from discrimination based on sex in accordance with Title IX of the Higher Education Amendments of 1972 (Title IX), which prohibits discrimination on the basis of sex in educational programs or activities; Title VII of the Civil Rights Act of 1964 (Title VII), which prohibits sex discrimination in employment; and the Campus Sexual Violence Elimination Act (SaVE Act). Sexual misconduct is a form of sex discrimination and will not be tolerated. *For information regarding Title IX, visit* www.uta.edu/titleIX or contact Ms. Michelle Willbanks, Title IX Coordinator at (817) 272-4585 or titleix@uta.edu

Academic Integrity:

Students enrolled in this course are expected to adhere to the UT Arlington Honor Code:

> *I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.*
> *I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.*

UT Arlington faculty members may employ the Honor Code as they see fit in their courses, including (but not limited to) having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. Per UT System *Regents' Rule* 50101, §2.2, suspected violations of university's standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student's suspension or expulsion from the University.

Student Support Services:

UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at www.uta.edu/resources.

Electronic Communication:

UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at http://www.uta.edu/oit/cs/email/mavmail.php.

Campus Carry:

Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes as prohibited. Under the new law, openly carrying handguns is not allowed on college campuses. For more information, visit http://www.uta.edu/news/info/campus-carry/

Student Feedback Survey:

At the end of each term, students enrolled in classes categorized as "lecture," "seminar," or "laboratory" shall be directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student's feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington's effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit http://www.uta.edu/sfs.

Final Review Week:

A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week *unless specified in the class syllabus*. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.

Emergency Exit Procedures:

Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest exit, which is located on the southwest corner of the building. When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist handicapped individuals.

Student Support Services:

UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at http://www.uta.edu/studentsuccess/success-programs/programs/resource-hotline.php

The **IDEAS Center (**2nd Floor of Central Library) offers **FREE** tutoring to all students with a focus on transfer students, sophomores, veterans and others undergoing a transition to UT Arlington. Students can drop in, or check the schedule of available peer tutors at www.uta.edu/IDEAS, or call (817) 272-6593.

The English Writing Center (411LIBR): [Optional.] The Writing Center offers **FREE** tutoring in 15-, 30-, 45-, and 60-minute face-to-face and online sessions to all UTA students on any phase of their UTA coursework. Register and make appointments online at https://uta.mywconline.com. Classroom visits, workshops, and specialized services for graduate students and faculty are also available. Please see www.uta.edu/owl for detailed information on all our programs and services.

The Library's 2nd floor Academic Plaza offers students a central hub of support services, including IDEAS Center, University Advising Services, Transfer UTA and various college/school advising hours. Services are available during the library's hours of operation. http://library.uta.edu/academic-plaza

Librarian to Contact: Mitch Stepanovich, stepanovich@uta.edu

Additional Information:

Library Home Page	http://www.uta.edu/library
Subject Guides...	http://libguides.uta.edu
Subject Librarians	http://www.uta.edu/library/help/subject-librarians.php
Course Reserves	http://pulse.uta.edu/vwebv/enterCourseReserve.do
Library Tutorials	http://www.uta.edu/library/help/tutorials.php
Connecting from Off- Campus.......................	http://libguides.uta.edu/offcampus
Ask A Librarian..	http://ask.uta.edu

Emergency Phone Number: ....911 or 817.272.3003
Non-Emergency UTA PD: 817.272.3381

USE OF AEROSOL MATERIALS, PAINTS, AND OTHER HAZARDOUS CHEMICALS:

Due to health and safety regulations and University policy, no spray paints, adhesives and other hazardous aerosol products are allowed in the building. Furthermore, no painting or use of flammable or other hazardous chemicals is allowed anywhere in the building, including and especially the fire stairs. Use of such chemicals is a hazard to your health and safety and that of other building occupants. It is also against the law. Spray painting and similar activities are only permissible in the approved ventilated spray booths in the School Shop.

Violations of this policy will be subject to both academic and civil penalties.