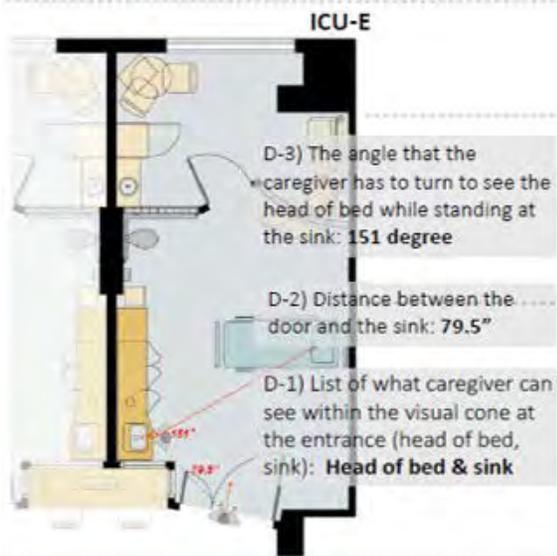


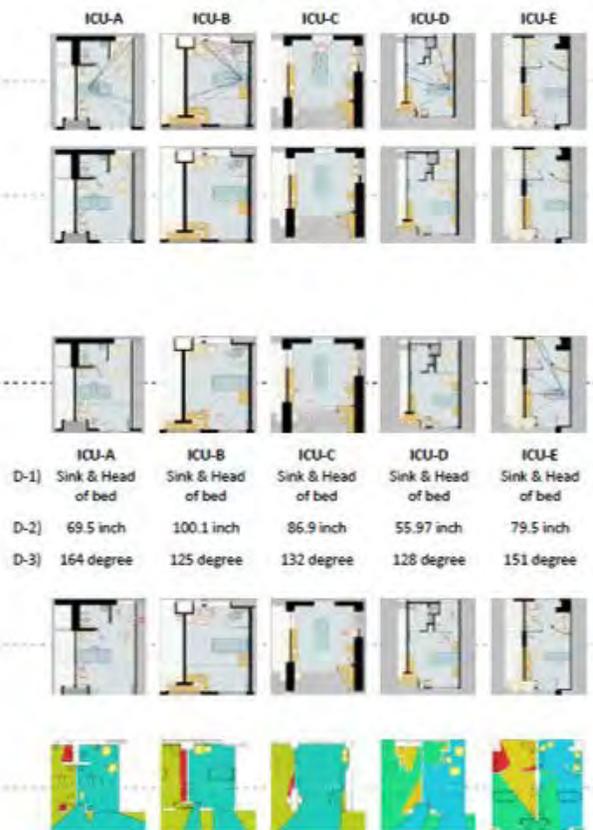
Contemporary Issues in Architecture: Environment and Behavior

ARCH 3314. 009
 Online, Tuesdays 5:30 - 8:50 pm
 Lisa Lim, Assistant Professor, Ph.D.

SPATIAL METRICS



ANALYSES RESULTS



Contemporary Issues in Architecture: Environment and Behavior

ARCH 3314. 009

Class meetings: Online, Tuesdays 5:30 - 8:50 pm

Instructor: Lisa Lim, Assistant Professor, Ph.D.

Office hours: by appointment

Contact: lisa.lim@ttu.edu

This course is a critical lesson in understanding the impact of the built environment on human experience, health, and well-being. Students will learn their role as designers and the impact of their designs on users. This course will introduce various relationships between human behavior and built environment in multiple scales (from buildings to cities), and in multiple settings (from healthcare to workplace). Students will learn empirical and analytical approaches that they can use in design research and practice for understanding stakeholder roles, user needs and experiences, and for assessing and evaluating built environments.

The instructor and invited researchers/designers in the field will provide lectures during the class, and in each class, there will be a short exercise for students' hands-on experience. Students are expected to present their class exercise during the class. The exercises can be extended as weekly assignments depending on the class schedule.

LEARNING OBJECTIVES

At the end of this class a conscientious student should be able to:

- Learn foundational theories of human and environment relationships
- Understand the role of built environments on their users
- Gain empirical and investigative skills for design research
- Understand design research methods and their application for design practice

READINGS

Relevant readings should be completed before class time; students are expected to be knowledgeable of the material and be prepared to participate in discussion. These readings will be made available on a rolling basis, but will be up at least one week prior to the relevant class.

GRADES AND ASSIGNMENTS

Grading will follow the Texas Tech Grading Guidelines:

A = Excellent: B = Good: C = Satisfactory: D = Inferior (but passing): F = Failure

- Class activities and participation (20%): weekly class exercises and participation
- Assignment 1 (30%): research proposal
- Assignment 2 (40%): implementation of research in design in specific settings
- Attendance (10%)

You will be expected to upload all designated assignment materials online (TBD). Your final grade will be issued only when uploads are complete.

SCHEDULE AND ASSIGNMENTS

	Lecture topic	Assignments
SECTION 1: ENVIRONMENT AND BEHAVIOR		
January 26	Environment and Behavior	
February 2	Research and Design	
February 9	Foundational Theories	
SECTION 2: METHODS FOR UNDERSTANDING HUMAN- ENVIRONMENT RELATIONSHIPS		
February 16	Literature Search and Review	
February 23	Spatial Analysis and Design Evaluation 1	
March 2	Spatial Analysis and Design Evaluation 2	Assignment 1 mid-presentation
March 9	Social Science Approaches 1	
March 16	Social Science Approaches 2	Assignment 1 due and final presentation
SECTION 3: RESARCH AND DESIGN EXAMPLES IN SPECIFIC SETTINGS		
March 23	Healthcare	
March 30	Workspace	
April 6	Educational	
April 13	Urban Design	Assignment 2 mid-presentation
April 20	Others	
April 27	Final presentation	Assignment 2 due and final presentation

Note. The schedule may be subject to change depending on the circumstances.

ATTENDANCE POLICY

Your attendance at every class session is crucial if you are to learn from this course. The attendance policy for this specific course is as follows.

You have 1 free absence that you can take without penalty or explanation. If you are absent 0 or 1 times, you keep all 10% of your grade for attendance. Once this “freebie” has been expended, each absence not due to religious holiday, university or college activity, or exceptional, grave circumstance will result in a 3-point deduction from your final grade. If you miss the class greater than 3 times (including the freebie), you will fail to pass the class.

COVID-19 INFORMATION

Face coverings are required. Texas Tech University requires that students wear face coverings while in classes, while otherwise in campus buildings, and when social distancing cannot be maintained outdoors on campus.

Signage. Be attentive to signage posted at external and some classroom doorways that indicates entry and exit ways, gathering and queuing spaces, and availability of masks and hand sanitizer.

Seating assignments. n/a – this course is held 100% online.

Illness-Based Absence Policy

If at any time during this semester you feel ill, in the interest of your own health and safety as well as the health and safety of your instructors and classmates, you are encouraged not to attend face-to-face class meetings or events. Please review the steps outlined below that you should follow to ensure your absence for illness will be excused. These steps also apply to not participating in synchronous online class meetings if you feel too ill to do so and missing specified assignment due dates in asynchronous online classes because of illness.

1. If you are ill and think the symptoms might be COVID-19-related:

- a. Call Student Health Services at 806.743.2848 or your health care provider. After hours and on weekends contact TTU COVID-19 Helpline at 806.743.2911.
- b. Self-report as soon as possible using the Dean of Students COVID-19 webpage. This website has specific directions about how to upload documentation from a medical provider and what will happen if your illness renders you unable to participate in classes for more than one week.
- c. If your illness is determined to be COVID-19-related, all remaining documentation and communication will be handled through the Office of the Dean of Students, including notification of your instructors of the period of time you may be absent from and may return to classes.
- d. If your illness is determined not to be COVID-19-related, please follow steps 2.a-d below.

2. If you are ill and can attribute your symptoms to something other than COVID-19:

- a. If your illness renders you unable to attend face-to-face classes, participate in synchronous online classes, or miss specified assignment due dates in asynchronous online classes, you are encouraged to visit with either Student Health Services at 806.743.2848 or your health care provider. Note that Student Health Services and your own and other health care providers may arrange virtual visits.
- b. During the health provider visit, request a “return to school” note;

- c. E-mail the instructor a picture of that note;
- d. Return to class by the next class period after the date indicated on your note.

Following the steps outlined above helps to keep your instructors informed about your absences and ensures your absence or missing an assignment due date because of illness will be marked excused. You will still be responsible to complete within a week of returning to class any assignments, quizzes, or exams you miss because of illness.

If you have interacted with individual(s) who have tested positive for COVID-19: Maintain a list of those persons and consult Student Health Services at 806-743-2911 or your primary care provider on next steps.

Do not return to class until you are medically cleared by your Health Care Provider.

University Statements

ADA STATEMENT

Any student who, because of a disability, may require special arrangements in order to meet the course requirements should contact the instructor as soon as possible to make any necessary arrangements. Students should present appropriate verification from Student Disability Services during the instructor's office hours. Please note: instructors are not allowed to provide classroom accommodations to a student until appropriate verification from Student Disability Services has been provided. For additional information, please contact Student Disability Services in West Hall or call 806-742-2405.

ACADEMIC INTEGRITY STATEMENT

Academic integrity is taking responsibility for one's own class and/or course work, being individually accountable, and demonstrating intellectual honesty and ethical behavior. Academic integrity is a personal choice to abide by the standards of intellectual honesty and responsibility. Because education is a shared effort to achieve learning through the exchange of ideas, students, faculty, and staff have the collective responsibility to build mutual trust and respect. Ethical behavior and independent thought are essential for the highest level of academic achievement, which then must be measured. Academic achievement includes scholarship, teaching, and learning, all of which are shared endeavors. Grades are a device used to quantify the successful accumulation of knowledge through learning. Adhering to the standards of academic integrity ensures grades are earned honestly. Academic integrity is the foundation upon which students, faculty, and staff build their educational and professional careers. [Texas Tech University ("University") Quality Enhancement Plan, Academic Integrity Task Force, 2010]

RELIGIOUS HOLY DAY STATEMENT

"Religious holy day" means a holy day observed by a religion whose places of worship are exempt from property taxation under Texas Tax Code §11.20. A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence. A student who is excused under section 2 may not be penalized for the absence; however, the instructor may respond appropriately if the student fails to complete the assignment satisfactorily.

DISCRIMINATION, HARASSMENT, AND SEXUAL VIOLENCE STATEMENT

Texas Tech University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from gender and/or sex discrimination of any kind. Sexual assault, discrimination, harassment, and other Title IX violations are not tolerated by the University. Report any incidents to the Office for Student Rights & Resolution, (806)-742-SAFE (7233) or file a report online at titleix.ttu.edu/students. Faculty and staff members at TTU are committed to connecting you to resources on campus. Some of these available resources are: TTU Student Counseling Center, 806-742-3674, <https://www.depts.ttu.edu/scc/> (Provides confidential support on campus.) TTU 24-hour Crisis Helpline, 806-742-5555, (Assists students who are experiencing a mental health or interpersonal violence crisis. If you call the helpline, you will speak with a mental health counselor.) Voice of Hope Lubbock Rape Crisis Center, 806-763-7273, voiceofhopelubbock.org (24-hour hotline that provides support for survivors of sexual violence.) The Risk, Intervention, Safety and Education (RISE) Office, 806-742-2110, <https://www.depts.ttu.edu/rise/> (Provides a range of resources and support options focused on prevention education and student wellness.) Texas Tech Police Department, 806-742-3931, <http://www.depts.ttu.edu/tttd/> (To report criminal activity that occurs on or near Texas Tech campus.)

CIVILITY IN THE CLASSROOM STATEMENT

Texas Tech University is a community of faculty, students, and staff that enjoys an expectation of cooperation, professionalism, and civility during the conduct of all forms of university business, including the conduct of student-student and student-faculty interactions in and out of the classroom. Further, the classroom is a setting in which an exchange of ideas and creative thinking should be encouraged and where intellectual growth and development are fostered. Students who disrupt this classroom mission by rude, sarcastic, threatening, abusive or obscene language and/or behavior will be subject to appropriate sanctions according to university policy. Likewise, faculty members are expected to maintain the highest standards of professionalism in all interactions with all constituents of the university (www.depts.ttu.edu/ethics/matadorchallenge/ethicalprinciples.php).

LGBTQIA SUPPORT STATEMENT*

I identify as an ally to the lesbian, gay, bisexual, transgender, queer, intersex, and asexual (LGBTQIA) community, and I am available to listen and support you in an affirming manner. I can assist in connecting you with resources on campus to address problems you may face pertaining to sexual orientation and/or gender identity that could interfere with your success at Texas Tech. Please note that additional resources are available through the Office of LGBTQIA within the Center for Campus Life, Student Union Building Room 201, www.lgbtqia.ttu.edu, 806.742.5433."

*If you prefer to list campus resources rather than a statement about ally status, you might include the following among other campus resources you wish to share:

Office of LGBTQIA, Student Union Building Room 201, www.lgbtqia.ttu.edu, 806.742.5433

Within the Center for Campus Life, the Office serves the Texas Tech community through facilitation and leadership of programming and advocacy efforts. This work is aimed at strengthening the lesbian, gay, bisexual, transgender, queer, intersex, and asexual (LGBTQIA) community and sustaining an inclusive campus that welcomes people of all sexual orientations, gender identities, and gender.