COURSE DESCRIPTION:
3 Hours. This course introduces design research and evidence-based design. Basic knowledge about research, research findings and their practical applications, concept of evidence-based design are discussed.

RECOMMENDED RESOURCES:
These resources are not textbooks for the course.

COURSE CONTENT:
This course will introduce what research is, how to design and conduct design research studies, and how to apply research findings to design situations. Students will learn the relationships between built environments and human behavior and improve decision-making skills based on credible evidence.

COURSE OBJECTIVES:
Through the completion of course assignments, students will acquire competency in the following areas:

- Decision-making skills based on credible knowledge
- Understanding about the relationship between built environments and human behavior
- Basic knowledge about academic research
- How to apply research findings to design situations

COURSE STRUCTURE:
This course is offered in a lecture format with 3 contact hours per week. The coursework consists of multiple assignments, tests, and several research projects. Students will work in class and lab as required, and participate in discussion and critiques during class hours.

PRECAUTIONS:
In consideration of the group, the environment, and the facilities, please be respectful. No food or drinks are allowed in the class. No mobile phones are to be audible during class hours unless permitted by the instructor. No radios, tape, CD, or mp3 players during class hours. No pets and guests are allowed in class.

STUDENT EVALUATION:
Upon successful completion of all requirements, grades will be determined by a weighted average of the grades earned for the attendance, participations, assignments, tests, and research projects. Please note that failure of any one project will lead to failing this course.

<table>
<thead>
<tr>
<th>Assignments &amp; Discussion</th>
<th>20%</th>
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<tbody>
<tr>
<td>Research Project 1</td>
<td>30%</td>
</tr>
<tr>
<td>Research Project 2</td>
<td>30%</td>
</tr>
<tr>
<td>Final Test</td>
<td>20%</td>
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</tbody>
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A letter grade will be submitted on the basis of the weighted average as follows:

A weighted average of: will earn a letter grade of:

- 90% and above: A (Excellent work)
- 80% to 89.99%: B (Good work)
- 70% to 79.99%: C (Average work)
- 60% to 69.99%: D (Poor work)
- Anything below 60%: F (Failing work)

A - indicates EXCELLENT achievement. Execution is at a professional level. Included work exceeds that requested in the project outline.
B - refers good quality of creative solutions and execution. It may be lacking in polish or appropriateness of solution or it may lack sufficient information to communicate effectively, but above average.
C - is determined to be average (not inferior). Work has met all course requirements but may lack originality and appropriateness and/or execution is not professional.
D - indicates failure to meet minimum quality and informational standards.
F - failure to fulfill requirements of the course.

All work is due in the classroom no later than the date and time specified on the project schedule. No work will be considered after the due date unless an Absence Verification form has been submitted (see Attendance Policy). No email submission will be accepted unless specified.

**Assignment:** Assignments will be based on reading material, handouts, class lectures and discussion. Students are responsible for all reading material regardless of whether the reading material is reviewed in class or not.

**Project 1:** This research project involves analyzing a local environment from the standpoint of its qualities as a restorative setting (stress reducing or relaxing). The environment(s) you select must be an indoor setting(s) on campus.

**Project 2:** This research project involves analyzing a local environment with an emphasis on wayfinding issue. The project is team-based project and the environment you select must be on campus.

**Final Test:** This test is a take-home writing test. It will be comprehensive.

**ATTENDANCE POLICY:**
The office format of the course requires attendance for the entire period. Students must sign the attendance sheet in the first (15) minutes of class. No student may sign for another. Every absence over (3) will result in a 10% reduction of the final grade for each absence. Two tardy incidences in this course will be counted as one absence. A student is tardy after the first 15 minutes of class.
No make-up assignments and tests will be given to any student unless that student presents the professor with a University Approved Absence Verification form within three days after the class session that was missed. The Absence Verification form is available in the Dean of Students Office suite 2161 in the Union. Approved absences are those due to medical emergency or death in the immediate family. Both excused and unexcused absences affect your class experience.

Students are responsible for signing the role, tracking their absences, and obtaining any missed material from their classmates. Each student will be held individually responsible for responding to announcements regarding any and all aspects of this course, and for receiving and storing all handouts. Each student is also individually responsible for acquiring lecture notes from a classmate if he or she misses a given class session.

The instructor will not repeat material missed due to absence. Student with more than four absences should contact the instructor about completing the project or course. The best method of contacting the instructor is via email at Phillip.park@unt.edu

**AMERICAN DISABILITIES ACT:**
The College of Visual Arts and Design is committed to full academic access for all qualified students, including those with disabilities. In keeping with this commitment and in order to facilitate equality of educational access, faculty members in the College will make reasonable accommodations for qualified students with a disability, such as appropriate adjustments to the classroom environment and the teaching, testing, or learning methodologies when doing so does not fundamentally alter the course.

If you have a disability, it is your responsibility to obtain verifying information from the Office of Disability Accommodation (ODA) and to inform the instructor of your need for an accommodation. Requests for accommodation must be given to the instructor no later than the first week of classes for students registered with the ODA as of the beginning of the current semester. If you register with the ODA after the first week of classes, your accommodation requests will be considered after this deadline.

Grades assigned before an accommodation is provided will not be changed. Information about how to obtain academic accommodations can be found in UNT Policy 18.1.14, at www.unt.edu/oda and by visiting the ODA in Room 321 of the University Union. You also may call the ODA at 940.565.4323.

**COURSE RISK FACTORS:**
According to University Policy, this course is classified as a category one course. Students in this course are not exposed to significant hazards and are not likely to suffer any bodily injury. Students will be informed of any potential health hazards or potential bodily injury connected with the use of any materials and/or processes and will be instructed how to proceed without danger to themselves or others.

**STUDENT EVALUATION OF TEACHING EFFECTIVENESS (SETE):**
The Student Evaluation of Teaching Effectiveness (SETE) is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider the SETE to be an important part of your participation in this class.

**FINAL DISCLAIMER:**
The instructor reserves the right to alter this syllabus if and when necessary.
# ADES 4615: DESIGN RESEARCH & EVIDENCE-BASED DESIGN, SPRING 2011

Section 001: Thursday 6:30 – 9:20pm, Instructor: Jin Gyu "Phillip" Park, PhD  
Office Hours: Tuesdays & Thursdays 10:30-12:00, Office: ART 206, E-mail: phillip.park@unt.edu

**COURSE SCHEDULE**  
*Due to the nature of this class, the schedule is subject to change.*

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic</th>
<th>Remark</th>
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| 1    | 1/20 | Course Introduction  
Environmental Psychology & Design |  |
| 2    | 1/27 | Evidence-Based Design  
Supportive Design Theory |  |
| 3    | 2/3  | Prospect & Refuge Theory  
Experience of Space |  |
| 4    | 2/10 | Definition of Research  
Research Design |  |
| 5    | 2/17 | Research Methodology  
Research Analyses & Interpretation |  |
| 6    | 2/24 | **Research Project 1 Introduction**  
Research Design & Discussion |  |
| 7    | 3/3  | Research Design Review |  |
| 8    | 3/10 | Data Collection  
Data Analyses |  |
| 9    | 3/17 | Spring Break |  |
| 10   | 3/24 | **Research Project 1 Due** | Presentation |
| 11   | 3/31 | **Research Project 2 Introduction**  
Research Design & Discussion |  |
| 12   | 4/7  | Research Design Review |  |
| 13   | 4/14 | Data Collection  
Data Analyses |  |
| 14   | 4/21 | **Research Project 2 Due** | Presentation |
| 15   | 4/28 | Research Findings for Interior Design |  |
| 16   | 5/5  | **Final Test** |  |