ARCH101 - INTRODUCTION TO ARCHITECTURE (3 Credits) - FALL 2013

Course Description:
An introduction to architecture, architectural education and the profession with emphasis on issues that influence architecture and the people and processes involved.

Class Time: Tuesdays/Thursdays - 3:30 – 4:50pm  
Classroom: TBH 134
Instructor: Lee W. Waldrep, Ph.D., Assistant Director  
email: lwaldrep@illinois.edu
Office Location: Undergraduate Program Office – ARCH117  
(217) 333-7720
Teaching Asst: Samantha Tumey, MArch Candidate  
email: tumey2@illinois.edu
Office Hours: TR 2:00 – 3:00pm  
location: TBH TBD

Objectives:
• Introduce the FUNDAMENTAL principles spanning the education, the profession, the art, science, and spirit of architecture.
• Expose the broad survey of vocabularies and conceptual processes of the discipline.
• Provide an OVERVIEW of the profession: including the nature of its changing dynamics, the multiplicity of career opportunities available within the profession. How one enters the profession through rigorous education, internship (experience) and examination to practice through exposure to professional role models.
• Provide the basis for you to DISCOVER if architecture is a viable career choice.

To be successful: Being successful will depend on your own initiative, and the study methods you use are up to you. We provide all of the following items to assist you and while none are required, we strongly recommend that you take advantage of them. They will make a difference.

Lectures  
Course Readings (textbooks)  
Additional Resources via Compass

Chinese proverb:
I hear. . . . . . . . I forget.  
I see. . . . . . . . I remember.  
I do. . . . . . . . I UNDERSTAND.

Format: Lecture

Required Text:
CourseSmart Rental ($38.50) http://www.coursesmart.com/IR/1803396/9781118142066?__hdv=6.8  
CourseSmart Rental ($28.00)  

I-Clicker 2  
Sketchbook 8.5" x 11;" set of drawing pencils (thickness: HB, 2B, 4B, 6B), set of ink pens of varying thickness (.1mm, .2mm, .3mm, .5mm, .6mm or similar). Some good ink pen brands are Micron, Faber-Castel, and Prismacolor.

Course Website: https://compass2g.illinois.edu/ -- The course website will be used for posting announcements, assignments, and course documents.
Grading: All requirements for the course, both graded and ungraded, MUST be completed to receive a passing grade in the course. Grading will be based on the demonstration of the skills of critical inquiry and the practice of clear and precise writing. Grades will be divided among the following:

Exams (35%)
There will be two (2) examinations (each 10%) during the semester and a final examination (15%) during the final exam period. The final examination is on Thursday, December 19, 7:00 – 10:00pm. Please schedule your end of semester accordingly as there will be no make-up examinations provided.

Exam #1 (10%) Tuesday, October 1, 2013
Exam #2 (10%) Tuesday, November 12, 2013
Final Exam (15%) Thursday, December 19, 2013 – 7:00 – 10:00pm

http://www.fms.uiuc.edu/FinalExams/index.asp?report=Final%20Exam%20Information%20Fall%202013/Fall%202013%20Non-Combined%20Scheduling%20Guidelines.xml

Assignments:
What is Architecture? (5%) – Write a one-page essay answering the question – what is architecture? Read Ching / Waldrep and interview a minimum of 2-3 students/family as part of process. Due: Tuesday, September 3, 2013

Sketchbook (25%)
Sketching Assignments (15%) – Maintain sketchbook to fulfill assignment and draw minimum of one hour per week. Sketching assignments (subject) will be accessed via Compass. In addition, the sketchbook may be used for class note-taking and for other assignments, i.e., Journal.
Journal (10%) – Weekly, read a journal article, blog, reference or website on the topic of architecture. Respond with 15-20 minutes of reaction/thoughts in back of sketchbook. Due: Tuesday, October 8, 2013 + Tuesday, December 10, 2013

Halloween Costume (15%) – Create a Halloween Costume that depicts architecture. Due: Thursday, October 29, 2013 – Additional sketches due earlier as part of sketchbook.

Explore CU Building Profile (10%) – In teams of three (preassigned via Compass), research building as provided and create report with text, images, and resources to be used by Explore CU -- http://www.explorecu.org/ --. At least one resource used must be from University Library. Due: Tuesday, November 14, 2013

Resume (5%) – Author a resume suitable for presentation to a potential employer for a position. Final Draft due: Tuesday, November 19 https://www.careercenter.illinois.edu/resume/guide

iClicker (5%) – For each class session that utilized iClicker, students will earn points through participation and performance; student must answer at least 75% of the questions presented to earn points. Further students will earn points for attempting to answer each question and for answering it correctly.

Extra Credit
Lecture (5%) – For extra credit, write a reaction paper (limit one) to one of the School’s lectures during the semester; paper should include lecturer, title and date and be limited to a single page. Due: Thursday, November 21, 2013. The schedule of public lectures is available on the School website – http://www.arch.uiuc.edu/events/lectures/fa2013/
Reading:
Aside from the required texts, most readings will be made available on Illinois Compass; in some cases, you may need to visit the Ricker Library – 208 Architecture Building.

Recommended Texts:

Good References
on Sketching:
Freehand Sketching: An Introduction
Paul Laseau, 2004 edition

Pencil Sketching
Thomas Wang

Sketching with Markers
Thomas Wang

The Sketch
Robert S. Oliver

University Policies
Accommodations: If you require special accommodations, you should notify the instructor as soon as possible. All accommodations will follow the procedures as stated in Article 1-110 of the Student Code. http://admin.illinois.edu/policy/code/article1_part1_1-110.html

Academic Integrity: This course will follow Article 1-401 through 1-406 of the Student Code -- http://admin.illinois.edu/policy/code/article1_part4_1-401.html -- This rule defines infractions of academic integrity, which include but are not limited to cheating, fabrication, and plagiarism. You are responsible for following these guidelines. If you have any questions about whether something would be an infraction, please consult with the instructor before proceeding.

Class Attendance: Regular class attendance is expected of all students at the University. http://admin.illinois.edu/policy/code/article1_part5_1-501.html

Per University policy, students are expected to attend class; while attendance will NOT be taken, students will be able to “participate” each class session via i-Clicker. Critical information from the lectures will be included on the exams and final examinations.

If, for any reason, you know that you will need to miss a class, students are requested to email instructor in advance.
<table>
<thead>
<tr>
<th>WEEK</th>
<th>DATE</th>
<th>TOPIC</th>
<th>READING/ASSIGNMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TU August 27</td>
<td><em>Course Overview</em></td>
<td>Syllabus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Strategies for Success</td>
<td>Bring i-Clicker 2</td>
</tr>
<tr>
<td></td>
<td>WE August 28</td>
<td>Gargoyle Welcome Back Picnic</td>
<td>TBH Atrium 5:00 – 7:00pm</td>
</tr>
<tr>
<td></td>
<td>TH August 29</td>
<td><em>Seeing of Architecture</em></td>
<td>Professor John Stallmeyer</td>
</tr>
<tr>
<td>2</td>
<td>TU September 3</td>
<td><em>Drawing of Architecture</em></td>
<td>Ching, Ch. 13, pp. 321-348</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professor Larry Hamlin</td>
<td><em>What is Architecture?</em> Due</td>
</tr>
<tr>
<td></td>
<td>TH September 5</td>
<td><em>What is Architecture?</em></td>
<td>Waldrep, Ch 1, pp. 1-69</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lee W. Waldrep / Jordan Buckner</td>
<td>World Builder (10min)</td>
</tr>
<tr>
<td>3</td>
<td>TU September 10</td>
<td><em>Becoming an Architect</em></td>
<td>Waldrep, Ch 2-3, pp. 71-237</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lee W. Waldrep</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>Sarah Christensen – Explore CU</em></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TH September 12</td>
<td><em>History of Architecture</em></td>
<td>Ching, Chapter 2-3, pp. 13-50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professor Kenny Cupers</td>
<td>Banham R - Introduction</td>
</tr>
<tr>
<td>4</td>
<td>TU September 17</td>
<td><em>Digital of Architecture</em></td>
<td>Ching, pp. 34-39</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marc Teer, Black Spectacles</td>
<td><a href="http://blackspectacles.com">blackspectacles.com</a></td>
</tr>
<tr>
<td></td>
<td>TH September 19</td>
<td><em>Fundamentals of Architecture</em></td>
<td>Ching, Ch 4-6, pp. 51-164</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professor Camden Greenlee</td>
<td>Form, Space, and Order</td>
</tr>
<tr>
<td>5</td>
<td>TU September 24</td>
<td><em>Video – Maya Lin/Aquatower Exam Review</em></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TH September 26</td>
<td><em>Design of Architecture – Process</em></td>
<td>Ching, Ch 4-6, pp. 51-164</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professor Kevin Hinders</td>
<td>Form, Space, and Order</td>
</tr>
<tr>
<td>6</td>
<td>TU October 1</td>
<td><em>EXAM #1</em></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TH October 3</td>
<td><em>The Life of an Architect</em></td>
<td>Chuck Reifsteck, AIA, ALA - confirmed</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="http://GorskiReifsteckArchitects.com">Gorski Reifsteck Architects</a></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>TU October 8</td>
<td><em>Construction of Architecture</em></td>
<td>Ching, Ch. 9-10, pp. 231-280</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professor Randall Deutsch</td>
<td>Sketchbook Due</td>
</tr>
<tr>
<td></td>
<td>TH October 10</td>
<td><em>Technology of Architecture</em></td>
<td>Ching, Ch. 11, pp. 281-298</td>
</tr>
<tr>
<td>WEEK</td>
<td>DATE</td>
<td>TOPIC</td>
<td>READING</td>
</tr>
<tr>
<td>------</td>
<td>---------------</td>
<td>--------------------------------------------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td>8</td>
<td>TU October 15</td>
<td><em>Architecture Alumni Panel</em></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TH October 17</td>
<td><em>Resume / Portfolio Overview</em></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>TU October 22</td>
<td><em>Firm of Architecture</em></td>
<td><a href="http://www.msa-ps.com/">www.msa-ps.com/</a></td>
</tr>
<tr>
<td></td>
<td>TH October 24</td>
<td><em>Structure IN Architecture</em></td>
<td>Professor Sudarshan Krisnan</td>
</tr>
<tr>
<td>10</td>
<td>TU October 29</td>
<td><em>Halloween Costume Presentation</em></td>
<td>Halloween Costume Due</td>
</tr>
<tr>
<td></td>
<td>TH October 31</td>
<td><em>Detail of Architecture</em></td>
<td>Professor Scott Murray</td>
</tr>
<tr>
<td>11</td>
<td>TU November 5</td>
<td><em>EXAM REVIEW</em></td>
<td>Mid-Semester Review Due</td>
</tr>
<tr>
<td></td>
<td>TH November 7</td>
<td><em>Architecture Student Panel</em></td>
<td>Ching, pp. 255-265</td>
</tr>
<tr>
<td>12</td>
<td>TU November 12</td>
<td><em>EXAM #2</em></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TH November 14</td>
<td><em>Practice of Architecture</em></td>
<td>Building Profile Due</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professor Gaines Hall, FAIA</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>TU November 19</td>
<td><em>Public Interest Design</em></td>
<td>Ching Ch. 8, pp. 199-230</td>
</tr>
<tr>
<td></td>
<td>TH November 21</td>
<td><em>Competition of Architecture</em></td>
<td>Final Resume due</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professor Kevin Erickson</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>TU November 26</td>
<td><em>NO CLASS (Thanksgiving Break)</em></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TH November 28</td>
<td><em>NO CLASS (Thanksgiving Break)</em></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>TU December 3</td>
<td>To be announced</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TH December 5</td>
<td><em>Architecture and Beyond</em></td>
<td>Waldrep, Ch. 4-5, pp. 239-296</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lee W. Waldrep, Ph.D.</td>
<td>Ching, Ch. 14-15, pp. 349-407</td>
</tr>
<tr>
<td>16</td>
<td>TU December 10</td>
<td><em>Final Exam Review</em></td>
<td>Sketchbook Due</td>
</tr>
<tr>
<td></td>
<td>TH December 19</td>
<td><em>Final Exam (7:00 – 10:00pm)</em></td>
<td></td>
</tr>
</tbody>
</table>

**SUBJECT TO CHANGE:** Due to unforeseen circumstances, this schedule of class topics may have to be modified.
RESOURCES FOR INCOMING FRESHMEN

PLACES
A+D Architecture and Design Museum, Los Angeles – www.aplusd.org
Canadian Centre for Architecture, Montreal – www.cca.qc.ca
The Center for Architecture, New York – www.aiany.org/centerforarchitecture
Chicago Architecture Foundation, Chicago – www.architecture.org
MAK Schindler House for Art + Architecture, Los Angeles – www.makcenter.org
Van Alen Institute, New York – www.vanalen.org

JOURNALS and SITES
Archdaily – http://www.archdaily.com/
Archinect – www.archinect.com
Architectural Record – archrecord.construction.com
Architecture for Humanity – www.architectureforhumanity.org
Blueprint – www.blueprintmagazine.co.uk/
Curbed – www.curbed.com
Designboom – http://www.designboom.com/eng/
Dezeen – www.dezeen.com
Dwell – www.dwell.com
Inhabitat – http://inhabitat.com/
The Story of Stuff – www.storyofstuff.com
Wallpaper – www.wallpaper.com
AD Architectural Design – www.architectural---design---magazine.com

BUILDING RESOURCES
Emporis – www.emporis.com/application/?lng=3
Great Buildings Online – www.greatbuildings.com/

VIDEOS
Student to Architect – www.youtube.com/watch?v=Ej7Z0lejU50
HowToArchitect – http://howtoarchitect.com/

Ricker Library - 208 Architecture Building
Phone: (217) 333-0224
rickerlibrary@library.uiuc.edu
http://www.library.illinois.edu/arx/serials.html - Ricker Periodicals
School of Architecture / Landscape Architecture Fall 2013 Lecture Series.
http://www.arch.uiuc.edu/events/lectures/fa2013/

**Daniel J. Glenn, FAIA**
Principal, 7 Directions Architects/Planners
Lecture Title: TBA
Monday, September 16, 2013

**Neil M. Denari**
Neil M. Denari Architects
Lecture Title: TBA
Monday, September 23, 2013

**Seth Wolfe**
Associate Principal, Arup - New Jersey
Lecture Title: "An Engineer's Role in Design"
Monday, October 21, 2013

**Dan Wheeler, FAIA**
Principal, Wheeler Kearns Architects
Lecture Title: TBA
Thursday, October 31, 2013
2:00 P.M. - Lawrence J. Plym Auditorium
Temple Hoyne Buell Hall

**Rafi Segal**
Principal, Rafi Segal Architecture Urbanism
Lecture Title: "Figure Ground"
Monday, November 4, 2013
5:30 P.M. - Lawrence J. Plym Auditorium

**Dell Upton**
Professor of Architectural History, UCLA
Lecture Title: TBA
Monday, November 11, 2012
5:30 P.M. - Lawrence J. Plym Auditorium

**Ralph Johnson, FAIA, LEED AP**
Principal and Design Director, Perkins + Will
Lecture Title: TBA
Thursday, November 14, 2013

**Eva Franch**
Storefront for Art and Architecture
Lecture Title: "YES is NO"
Monday, November 18, 2013
5:30 P.M. - Lawrence J. Plym Auditorium