

**TXMI 5310**  
**Spring 2010, Studio**

**Instructor:** Megan Lee, Ph.D., LEED AP  
**Location:** , Barrow Hall Room 208  
**Time:** TTH 9:30am -12:15  
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**Office Hours:** Wed 1:00-4:00; Tuesday 8:30-9:15 or by appointment

### **Course Description**

Problem solving and design processes to meet or satisfy actual client needs; projects may range from remodeling to design for new construction. Prerequisites: TXMI 3380 or POD.

### **Course Objectives**

1. To gain design process experience with client-designer communication and relationships.
2. To examine and apply the principles of Universal Design, Aging in Place and Sustainable Interior Design Practices, including local building codes, IBC, ADAAG and LEED.
3. Produce design solutions at the conceptual, design development and construction document stages for single family residential projects.
4. To complete a digital design portfolio and practice verbal presentation techniques of a professional portfolio design.
5. To understand the process of design – from programming to building.
6. To gain experience executing design projects as both an individual designer and together on team design.
7. To gain management and execution experience with multiple course projects active in different stages of the design process.

### **Required Books**

- Harmon, S. K., & Kennon, K. E. (2008). *The codes guidebook for interiors* (4<sup>th</sup> ed.). New Jersey: Wiley.
- Jordan, W. A. (2008). *Universal Design for the home*. Massachusetts: Quarry Books.
- Pegler, M. M. (2006) *Visual merchandising and display* (5th ed.). Fairchild Books.
- Piotrowski, C.M. (2002). *Professional practice for Interior Designers* (4<sup>th</sup> ed.). New Jersey: Wiley.

### **Recommended**

- Kilmer, W. O. & Kilmer, R. (2003) *Construction drawings and details for interiors*. NY: Wiley.
- Brawley, E. (2005). *Design innovations for aging and Alzheimer's*. NY: Wiley
- Kopec, Dak. (2008) *Health, sustainability, and the built environment*. NY: Fairchild.
- McDonough, W., & Braungart, M. (2002). *Cradle to Cradle: Remaking the way we make things*. NY: North Point Press.
- Piotrowski, C. M., & Rogers, E. (2007). *Designing commercial interiors* (2<sup>nd</sup> ed.). New Jersey: Wiley.

Rosenfeld, J., & Chapman, W. (2008). *Home Design in an Aging World*. NY: Fairchild.

Spiegel, R., & Meadows, D. (2006). *Green building materials: A guide to product selection and specification* (2<sup>nd</sup> ed.). New Jersey: Wiley.

Winchip, S. (2007). *Sustainable Design for Interior Environments*. NY: Fairchild.

### **Basic Supply List**

Tape measure, recommended 35'. Drafting tools from previous studios will be utilized along with the use of AutoCad. Presentation materials may be needed depending on final presentation requirements.

### **Communication**

ELC will be utilized to communicate information concerning this course. Course announcements, client and project information, assignment grades and more will be posted on ELC.

Students are expected to regularly visit the TXMI 5310 ELC (minimum of three days per week, recommended Monday, Wednesday, Friday). Students are responsible for receiving information posted on ELC regularly.

UGA email will be used for course communication. Students are responsible for checking their UGA email for communication regarding the course.

### **Course Policies and Student Responsibilities:**

1. It is expected that you will attend class and participate in all class activities.
2. There will be 3 to 5 field trips during the semester to visit job sites. Attendance is mandatory for all field trips.
3. NO LATE WORK WILL BE ACCEPTED.
4. Student participation in discussions will enhance the atmosphere of learning and is highly encouraged.
5. You are responsible for all material and assignments that are discussed and shown in class. If you are absent it is your responsibility to get class notes from other students and to know when assignments are due. There will be no make-ups for missed assignments.
6. Final presentation/exam- if you cannot take the final presentation/exam at the scheduled time due to circumstances defined by university policy you may petition the instructor for a change of examination time (see the Schedule of Classes, Spring 2010).
7. Students with documented disabilities who may need accommodations, who have any emergency medical information the instructor should be aware of, or who need special arrangements in the event of evacuation, should make an appointment with the instructor as early as possible, and no later than the first week of the term. Class materials will be made available in accessible format upon request.
8. The Rate Your Home (AARP) and the Review of film *Music Within* (2007) are to be completed individually. The Denney Tower Team Project and Retail Study Project are to be completed in assigned teams.
9. "All academic work must meet the standards contained in "A Culture of Honesty." All students are responsible to inform themselves about those standards before performing any academic work."

10. "The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary."
11. "Late adds for this course will not be approved except on exceptional circumstances"
12. Attendance will be taken on a daily basis for the semester. If a student misses 2 classes without prior notification to the instructor (**before class begins with a phone call or email**), the students grade will be lowered by one letter grade. 3 missed classes without prior notifications, grade will be lowered by two letter grades, 4 missed classes without prior notification, grade will be lowered by three letter grades, etc...Plus/minus is considered a letter grade.
13. Late Arrival Policy - Along with attendance, student prompt arrival in class at start time will be noted on a daily basis for the term. If a student arrives late to class 2 times without prior notification to the instructor of each late arrival (**before class begins, date of late arrival phone call or email made prior to late arrival**), the students grade will be lowered by one letter grade. Each sequential late arrival without prior notification, the students grade will be lowered by two letter grades, etc...Plus/minus is considered a letter grade. In order to be ready to begin working at beginning of class, please give yourself prep time, recommended arrival time is 10 minutes early.  
**\*These policies are necessary because we are working with the unknowns of the clients requests. We are also working as teams and in overlapping projects, it will be crucial to have PROFESSIONAL and respectful attendance and timely attention beginning right at class start time.**

<u>Course Points</u>		<u>Grading Scale</u>
Rate Your Home (AARP)	10 pts	94.5% – 100%= A
Denney Tower Team Project	100 pts	89.5% – 94%= A-
Denney Tower Outreach	20 pts	86.5% – 89% = B+
Retail Study Pair Project	80 pts	82.5% – 86% = B
Review of film Music Within (2007)	10 pts	79.5% – 82% = B-
<b>Total</b>	<b>220 pts</b>	76.5% – 79% = C+
		72.5% – 76% = C
		69.5% – 72% = C-
		59.5% – 69% = D
		0% – 59% = F

## COURSE OUTLINE Version 1

Tuesday Classes will focus on Denney Tower Project and Universal Design and Federal Housing Code Lectures

Thursday Classes will focus on Retail Project and Commercial Codes and Merchandising Lectures

Date	Topic	Reading Assignment completed by beginning of class	Assignment Due at beginning of class unless specified otherwise
TH, Jan 7	Introduction to course and projects	Please visit the Athens, GA Local Housing Authority website, spend time reading the site to learn how affordable housing is offered in Athens: <a href="http://www.athenshousing.org/">http://www.athenshousing.org/</a>	Assign: AARP Rate Your Home Assign: Denney Tower Programming Assign: Retail Project
<b>Week 1</b> Tues Jan 12	Intro to Universal Design and Aging in Place	ASID_Aging and the Impact of Interior Design. pdf  UD Principles 1-7.pdf  Universal Design in Housing.pdf  -ASID_Home for a Lifetime.pdf	- Rate your home (AARP) (1) Bathroom Checklist,( 2) Kitchen Checklist, (3)Safety, lighting and storage checklist, (4)Doors, floors, and walkways Checklist <i>*Tape measure is needed</i>
TH Jan 14	Retail Study Studio	Pegler: pp. 1-42	<b>Retail Study Handout #1</b> Due: Contact must be made with your Retail Client Owner or Store Manager.
<b>Week 2</b> Tues Jan 19	Universal Design 7 Principles of UD Kitchens	Lawler jchs Harvard AIP.pdf (pp. 6-16 & pp. 21-38)  Fair Housing Act Design & Build (pp. Part 1 Intro; Ch 4; Ch 5; Ch 6; Ch 7; Part A p. 7.1 usable kitchen; Part B p. 7.31 usable bath.  Jordan (pp. 8-37) Jordan (pp. 38-75)	<b>Denney Tower Handout #1</b> Due: DT Programming Debriefing Meeting

TH Jan 21	Retail Study Studio <b>DT Possible Client Meeting</b>	Pegler: pp. 74-87	<b>Retail Study Handout #2 &amp; 3</b> Due: Existing working drawings and Interview Protocol
<b>Week 3</b> Tues Jan 26	<b>DT Possible Client Meeting</b> Universal Design Baths Indoor/Outdoor Living & Home Tours	Jordan (pp.76-109) Jordan (pp.110-187)	
TH Jan 28	<b>DT Possible Client Meeting</b> Retail Study Studio <i>If no client meeting with DT, you will present your interview experience.</i>	Pegler: pp. 124-166	<b>Retail Study Handout #4</b> Due: Program Notes from Interview.
<b>Week 4</b> Tues Feb 2	Denney Tower Studio Universal Design Codes & Resources	Jordan (pp. 188-195)	<b>Denney Tower Handout #2</b> Due: Programming & Schematic Documents
TH Feb 4	Retail Study Studio	Pegler: pp. 178-254	
<b>Week 5</b> Tues Feb 9	Denney Tower Studio LEED Existing Building	LEED EB Manual ELC (pp. 11-46)	
TH Feb 11	Retail Study Studio <b>PRESENTATION &amp; CRIT</b>		<b>Retail Study Handout #5</b> Due: Concept Development & Sustainability Analysis
<b>Week 6</b> Tues Feb 16	Denney Tower Studio LEED Existing Building <b>PRESENTATION &amp; CRIT</b>	LEED EB Manual ELC (pp. 47-83)	<b>Denney Tower Handout #3</b> Due: Concept Development & Working Drawings Stage 1
TH Feb 18	Retail Study Studio		
<b>Week 7</b> Tues Feb 23	Denney Tower Studio LEED Existing Building	LEED EB Manual ELC (pp. 85-124)	
TH Feb 25	Retail Study Studio		<b>Denney Tower Handout #4</b> Due: Early Design Development & Working Drawings Stage 2
<b>Week 8</b> Tues March 2	Denney Tower Studio		
TH March 4	Retail Study Studio <b>PRESENTATION &amp; CRIT</b>		<b>Retail Study Handout #6</b> Due: Design Development Board(s)
<b>SPRING BREAK</b> March 8-12			

<b>Week 9</b> Tues March 16	Denney Tower Studio	Codes for ADAAG <a href="http://www.access-board.gov/adaag/html/adaag.htm">http://www.access-board.gov/adaag/html/adaag.htm</a>	
TH March 18	Retail Study Studio		<b>Retail Study Handout #7</b> Due: Finalized Design Development Boards, Working Drawings, Model
<b>Week 10</b> Tues March 23	<b>PRESENTATION &amp; CRIT</b>		<b>Denney Tower Handout #5</b> Due: Design Development Final & Working Drawings Stage 3
TH March 25	Open Studio (No class – IDEC)		
<b>Week 11</b> Tues March 30	Denney Tower Studio		
TH April 1	Retail Study Studio		<b>Retail Study Handout # 8</b> Due: Between April 1 & 22 <sup>nd</sup> your pair must schedule and complete your design presentation to the store owner.
<b>Week 12</b> Tues April 6	Denney Tower Studio		<b>Denney Tower Handout #6</b> LEED EB documents, Working Drawings Stage 4, and Design Dev. Progress check
TH April 8	Retail Study Studio		
<b>Week 13</b> Tues April 13	Denney Tower Studio		
TH April 15	Retail Study Studio		
<b>Week 14</b> Tues April 20	Denney Tower Studio		<b>Denney Tower Handout #7</b> Working Drawings Stage 5 & Final Presentation Document List
TH April 22 Earth Day	Retail Study Studio <b>PRESENTATION &amp; CRIT</b>		<b>Retail Study Handout #8a</b> Due: Final Documents on Retail Study Presentation and Project.
<b>Week 15</b> Tues April 27	<b>Final Client Presentation Denney Tower (tentative)</b>		<i>Due: Music Within (2007) Review (see syllabus for review guidelines)</i>
TH April 29	<b>No Class (On Monday Schedule)</b>		
<b>Finals Week</b> May 4 Tuesday	<i>TTH(9:30am Section)</i> Tues, May 4, 2009 8:00 - 11:00 am	<b>Final Client Presentation Denney Tower (tentative)</b>	<b>DT Handout 8</b> ALL Denney Tower Documents Due May 5th at Noon. <b>DT Handout #9</b> DT Group Assessments Due by May 5 <sup>th</sup> at Noon.

**TXMI 5310**  
**Assignment: Rate Your Home (AARP)**  
**Worth: 10 points**

**Due:** At the beginning of class on January 12, 2010.

**Objective:** This semester we will be working with Universal Design and American with Disability (ADA) Codes and Design Theory. The first step in learning these design theories is to understand how your current home environment measures up to the principles of these design theories. You will likely be shocked by the results you find.

**Instructions:** Please visit the following website:

[http://www.aarp.org/families/home\\_design/rate\\_home/](http://www.aarp.org/families/home_design/rate_home/)

Complete the following four (4) checklists in your current home.

- (1) Bathroom Checklist
- (2) Kitchen Checklist
- (3) Safety, lighting and storage checklist
- (4) Doors, floors, and walkways Checklist

You will need a tape measure to complete this assignment. Also, this assignment will take you some time to complete so leave enough time to finish the assignment.

**What to submit?** You will submit 2 things for this assignment:

1. Before you begin your checklists please print out the checklist and use pen(cil) to check your answers. You will submit each completed checklist.
2. On the back pages of each of the 4 checklists please write a reflective discussion regarding the “universality” of your current home. Does your current home allow for flexible use across all ages and physical abilities? (Handwriting answers okay – just make it legible).

**TXMI 5310**  
**Assignment: Review of the film *Music Within* (2007)**  
**Worth: 10 points**

**Due:**

Individual review of the film is due no later than Monday, April 27, 2010

**The Purpose of the Assignment:**

Music Within tells the story of Richard Pimentel. Mr. Pimentel was the driving force behind the creation of the American's with Disabilities Act (1990). The film explores the reason for advocacy towards disabled persons and the struggle to provide equal rights for persons with disability. By knowing the history of ADA and the people behind the story helps designers empathizes with the importance of good design practices for individuals of all ages and capabilities.

**Where to get the film to watch?**

The film, *Music Within* (2007) is available at most video stores, online through Netflix, and I have 2 copies that students can borrow. If you desire to borrow *Music Within* from me, please see me during class time or during my office hour to arrange borrowing the video. It is your responsibility to have access to the film before the April 27th deadline.

**Film Rating:**

The film is rated R. If you are under 18 years old, or you prefer to not watch rated R films, please see me and an alternative 10 point assignment will be offered. Please see me by Friday, January 23, 2010 to discuss an alternative assignment.

**What should I include in the film review?**

1. Discuss in your opinion why you think I asked you to watch this film?
2. How does understand the history and human story of ADA assist with your understanding and implementing of ADA and UD principles?
3. Think about the term *social sustainability* and explain what this means to you in your own words. Do you believe you have a *social sustainability responsibility* as an Interior Designer to the general public? Please explain.