

MISSISSIPPI STATE UNIVERSITY  
COLLEGE OF ARCHITECTURE, ART, AND DESIGN  
INTERIOR DESIGN PROGRAM

## **ID 4611 Principles of LEED**

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Instructor: **Amy Crumpton, LEED AP ID+C**  
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Time of Class: **Tuesday 12:30-1:30**  
Classroom: **Etheredge 126**  
Office Hours: **M/W 11:00-12:00,  
Tuesday 9:00-10:30**

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### **Catalog Description:**

One hour Lecture. Study of the materials and resources needed to understand the Leadership in Energy and Environmental Design Green Associate Certification.

### **Topics To Be Covered:**

- I. Introduction to Green Building
- II. Green Buildings and Communities
- III. USGBC, GBCI, and LEED
- IV. The Integrative Process
- V. Location and Transportation
- VI. Sustainable Sites
- VII. Water Efficiency
- VIII. Energy and Atmosphere
- IX. Materials and Resources
- X. Indoor Environmental Quality
- XI. Innovation in Design
- XII. Regional Priority

### **Course Objectives:**

- ◆ Study the USGBC Green Building and LEED core concepts.
- ◆ Understand the certification types offered from the USGBC
- ◆ Review each LEED rating system for appropriate use.
- ◆ Demonstrate understanding of each credit category and its impact on the green building process
- ◆ Complete practice exams to determine understanding of the concepts.
- ◆ Review practice test answers as they enhance the understanding of the above concepts
- ◆ Prepare students to sit for the LEED Green Associate Exam at the end of the semester.

### **Projects and Evaluation of Student Progress:**

Chapter Reflections (10@40)	400 points	<u>Letter Grade</u>	<u>% grades</u>	<u>Points</u>
Case Study Presentation	100 points	A =	90.0%-100%	720-800
Practice Tests (2@50)	100 points	B =	80.0%-90%	640-719
<u>Final Test</u>	<u>200 points</u>	C =	70.0%-85.9%	560-639
Total Points Possible	800 points	D =	60.0%-72.9%	480-559
		F =	59.9% or below	479 or less

***You can drop one reflection.***

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- A Excellent to superior work. Work submitted is on time and shows evidence of extra effort. Written analysis shows evidence of higher order/critical thinking skills. All required components are included, and work is professional quality. Student attends all classes.
- B Good work, above average. All (or most) components completed but with small deficiencies in some areas. Evidence of extra work may be present but is not always of outstanding professional quality. Student submits materials on time and has perfect or almost perfect attendance.
- C Average work. Submission or presentation is complete but only average in detail or completeness. Student has an absence.
- D Below average work, inferior but passing. Student will be required to retake the course.
- F Failure. Work is incomplete, late, and not acceptable.

### **Required Textbooks:**

Cottrell, M. (2014). Guide to the LEED Green Associate V4 Exam. Wiley: Hoboken NJ.  
ISBN: 978-1-118-87031-0

### **Resource Websites:**

[www.USGBC.com](http://www.USGBC.com)

[www.GBCI.com](http://www.GBCI.com)

[www.gbcs.com](http://www.gbcs.com)

### **MSU Honor Code**

Mississippi State University has an approved Honor Code that applies to all students. The code is as follows:

**"As a Mississippi State University student I will conduct myself with honor and integrity at all times. I will not lie, cheat, or steal, nor will I accept the actions of those who do."**

Upon accepting admission to Mississippi State University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor Code. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the MSU community from the requirements or the processes of the Honor Code. For additional information please visit: <http://www.msstate.edu/dept/audit/1207A.html>

All projects completed in the Interior Design Program are to be completed as ***individual projects*** unless specifically notified in writing by the course instructor.

### **Use of MYCOURSES:**

This course will use MyCourses as the primary means of communication about homework and assignments. Please check this prior to every class meeting for assignments. It is the student's responsibility to check before each class and exam and print out appropriate handouts and bring required materials to class.

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### **Practice outside of class and completion of assignments:**

Some class time will be provided for work on assignments and projects. The instructor will check student's progress at each class meeting. Students are expected to work on their projects during work sessions so that the instructor can provide guidance. Students who fail to meet interim project deadlines will have their final project grade reduced appropriately.

### **Course Policies:**

**Absences:** Students will be allowed one unexcused absence from class. This will not be accepted on presentation dates or scheduled tests unless prior arrangements have been made with the instructor. Only accepted excuses beyond this are: a death in the immediate family, field trip for another class with prior notification from the instructor, or sickness with a doctor's excuse. All excuses are subject to verification. Students will be penalized 2 percentage points (from their final grade) for each absence beyond the two unexcused absences for a maximum of 10 percentage points. Coming late or leaving early (more than 10 minutes) from studio classes will result in an unexcused absence. See MSU AOP 12.09. <http://www.policies.msstate.edu/policypdfs/1209.pdf>

**Drop Policy.** Students may: (1) drop through 10th class day; (2) withdraw 11th to 30th class day and receive "w" on transcript. There will be no withdrawals from individual courses after 30th class day of semester.

**Special Needs:** It is the responsibility of any student who has special needs (Section 504 of the Rehabilitation Act and the Americans with Disabilities Act (ADA) to inform the instructor of this class as soon as possible so reasonable accommodations may be provided. The student must self-identify concerning disability documentation that is as recent as within last three (3) years and request necessary accommodations.

**Project Due Dates:** All projects are due on assigned dates. All projects are due at the beginning of the scheduled class unless otherwise noted. There are no make-up projects or extra credit projects given in this class. Late projects will be accepted with the following grade reductions\*.

- Turned in on time (within 10 minutes) - No Penalty
- Within 24 hrs of date/time - 25% grade reduction
- Within 48 hrs of date/time - 50% grade reduction
- After 48 hrs the project will not be accepted for grading.

\*This does not apply to presentations, which must be made at the time scheduled.

**Written Assignments:** All written assignments should be word processed, double-spaced, and free of typographical, grammatical, and spelling errors. References will be checked for authenticity and should be written in an accepted form. References will be typed in APA format.

**Food and Beverages:** Due to the extended time period for this class, food and beverages will be allowed in the classroom subject to the instructor's discretion. Abuse of this privilege (leaving food or drinks behind, or excessive spills) will result in revocation of this privilege.

**Cell Phones:** Cell phones **must** be turned off during class period.

**Instructor Access:** The instructor is available on a first-come/first-served basis during the office hours listed above. The best way to ensure you have access to the support you need is to make an appointment with the instructor on the sheet provided on the office door. These appointment times

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will be within the office house listed above. If you have need of some additional time, please e-mail the instructor at least a week in advance.

**Title IX Policy:** MSU is committed to complying with Title IX, a federal policy that prohibits discrimination, including violence and harassment, based on sex. This means that MSU's educational programs and activities must be free from sex discrimination, sexual harassment, and other forms of sexual misconduct. If you or someone you know has experienced sex discrimination, sexual violence and/or harassment by any member of the University community, you are encouraged to report the conduct to MSU's Director of Title IX/EEEO Programs at 325-8124 or by e-mail to [titleix@msstate.edu](mailto:titleix@msstate.edu). Additional resources are available at <http://www.msstate.edu/web/security/title9-12.pdf>, or at <http://students.msstate.edu/sexualmisconduct/>.

### **Methods of Instruction:**

- Instruction methods for this class will include lecture, presentation, and discussion.

### **Tentative Schedule:**

Please check MyCourses for updates to initial schedule.

<b>Month</b>	<b>Date</b>	<b>Topic</b>
Jan	10	Course Introduction/ Candidate handbook
	17	CH 1: Understanding the Credentialing Process CH 2: Introduction to the Concepts of Sustainable Design
	24	CH 3: Integrative Process
	31	CH 4: Third party Verification CH 5: LEED Green Building and Certification Program
Feb	7	CH 6: Essential LEED Concepts
	14	CH 7: Location and Transportation
	21	CH8: Sustainable Sites
	28	CH 9: Water Efficiency
Mar	<b>7</b>	<b>ETS TESTING</b>
	14	SPRING BREAK/NO CLASS
	21	CH 10: Energy and Atmosphere
	28	CH 11: Materials and Resources
Apr	4	CH 12: Indoor Environmental Quality , Chapter 13: Innovation and Regional Priority
	11	Student Presentations Test 1 Due _through the Book_
	18	Student Presentations Test 2 Due _through the Book_
	25	Student Presentations , Final Test Due