

THE OHIO STATE UNIVERSITY
KNOWLTON SCHOOL OF ARCHITECTURE
ARCH 700

ASSOC. PROF. LISA TILDER
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ARCHITECTURE 700: ALLIED ARTS GREEN MATTERS



Chris Jordan

CALL NUMBER: **01748-4**

CREDITS: 3

PREREQUISITES:

Senior or graduate standing in the School of Architecture or permission of Instructor

LOCATION: Knowlton Hall TBA

CLASS TIME: TBA

course description

Architecture as an art has a responsibility to address issues that impact culture and nature. The design of the constructed world holds long-term consequences for the environment at both the local and global scale. Often sustainable issues are never considered in a design process which is most often governed by aesthetics and economics. This seminar will examine the current debate surrounding sustainability issues in the world of design, arguably with the premise that good design can also be responsible design. This seminar will examine the place of sustainability in North American (and global) culture, and will examine such critical issues as the consequences of consumption and waste, environmental processes, interdisciplinary models for change, sustainable architecture, landscape architecture and urbanism.

The seminar will draw upon a series of readings that will frame general issues for discussion, complimented by select essays from popular culture, art, architecture, landscape architecture, and environmental politics. Class presentations by the instructor and research presentations by students will also stimulate discussion. Students will be required to complete a sequence of small research assignments and create a final project.

class format

The class will meet one day per week for three hours. Class will typically begin with the presentation of design work relating to the weekly topic by the instructor, followed by discussion of the presentation and assigned readings. Student research assignments will also be presented and discussed in relation to the topic at hand.

required reading

Garbage Land: on the secret trail of trash / Elizabeth Royte
New York: Little, Brown and Company, 2005

Cradle to cradle: remaking the way we make things / McDonough & Braungart
New York: North Point Press, 2002

Massive change / Bruce Mau with Jennifer Leonard and the Institute Without Boundaries
London ; New York: Phaidon, 2004

Big & green: toward sustainable architecture in the 21st century / ed. David Gissen
New York: Princeton Architectural Press; Washington, DC: National Building Museum, 2002

All books are available at SBX and The Ohio State Bookstore

evaluation

A series of five research assignments will contribute 50% toward the final grade. The final project will account for 40% of the final grade. Class participation and effort in the course will contribute to 10% of the final grade.

ASSIGNMENT 1	10%
ASSIGNMENT 2	10%
ASSIGNMENT 3	10%
ASSIGNMENT 4	10%
ASSIGNMENT 5	10%
FINAL PROJECT	40%
CLASS PARTICIPATION + EFFORT	10%

Grading is based on a comparison with other students in the course, with students who have taken the course previously, and with the instructor's personal expectations relative to the objectives of the course. Evaluation is also based upon School standards. Grades will be awarded in accordance with University Rules: For the grade of "A," the student must satisfy the course objectives excellently; for "B," in an above average manner; for "C" in an average manner; for "D" in the lowest acceptable manner; and an "E" denotes that the student has not satisfied the course objectives. Grades will be assigned as A, A-, B+, B, B-, C+, C, C-, D+, D, E, and I.

attendance

All students are expected to attend class, including scheduled sessions. Unexcused absence from class can result in a grade reduction. More than three unexcused absences are grounds for failure in the course. Deadlines missed due to valid extenuating circumstances are extended only as agreed upon with the instructor. University regulations limit valid excuses to serious personal illness and death in the immediate family. Unexcused late work will not be accepted.

retention of work

The Faculty reserves the right to retain, recall or reproduce student work for display, publication and teaching purposes at any time prior to the student's graduation. Students should be sure to save copies of assignments before submitting them for evaluation.

academic misconduct

In accordance with University regulations, all instances of alleged academic misconduct will be reported to the Section Head and the Committee on Academic Misconduct. Academic misconduct is grounds for failure in the course and may be grounds for further discipline. Academic misconduct includes, but is not limited to, plagiarism and cheating. Plagiarism includes the submittal of any type of creative work that is not one's own for academic requirements, including the copy of others' design and the submittal of design or written work that has not been primarily carried out, both in concept and fabrication, by a student.

Students are expected to do the bulk of each assignment alone. Normal instructional assistance and student exchange is necessary and encouraged. However, the authorship of each assignment and its implementation must be primarily the work of the individual student. Students are encouraged to draw upon existing precedents of architecture, art, etc. Creative adaptation and transformation of such precedents is appropriate and expected. Students suspected of violating these rules will be referred to the Section Head and the Committee on Academic Misconduct. The instructor reserves the right to question students who are suspected of violating these policies.

Academic Misconduct (Section 3335-31-02)

Academic misconduct is defined as any activity which tends to compromise the academic integrity of the institution, or subvert the educational process. Examples of academic misconduct include, but are not limited to:

- A. violation of course rules as contained in the course syllabus or other information provided the student; violation of program regulations as established by departmental committees;
- B. providing or receiving information during quizzes and examinations such as course examinations and general examinations; or providing or using unauthorized assistance in the laboratory, at the computer terminal, or on field work;
- C. submitting plagiarized work for an academic requirement. Plagiarism is the representation of another's works or ideas as one's own; it includes the unacknowledged word for word use and/or paraphrasing of another person's work, and/or the inappropriate unacknowledged use of another person's ideas;
- D. falsification, fabrication, or dishonesty in reporting research results;
- E. serving as, or enlisting the assistance of, a "ringer" or substitute for a student in the taking of examinations;
- F. alteration of grades or marks by the student in an effort to change the earned grade or credit; and
- G. alteration of University forms used to drop or add courses to a program, or unauthorized use of those forms.

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course schedule

WEEK 1	Introduction: Course overview Reading assignment 1 + Research assignment
WEEK 2	Lecture / discussion Reading assignment 2 + Research assignment
WEEK 3	Lecture / discussion Reading assignment 3 + Research assignment
WEEK 4	Lecture / discussion Reading assignment 4 + Research assignment
WEEK 5	Lecture / discussion Reading assignment 5 + Research assignment
WEEK 6	Lecture / discussion Final project assignment
WEEK 7	Final project proposals due
WEEK 8	Final project meetings - work in progress
WEEK 9	Final project meetings – work in progress
WEEK 10	Design studio final reviews, no class
WEEK 11	Final project review

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01: Consumption and waste

Required reading: Garbage Land

Additional readings / Discussion of work

Journal findings

02: Environmental cycles

Required reading: Cradle to Cradle

Additional readings / Discussion of work: McDonnough Video

Journal findings

03: Interdisciplinary models

Required reading: Massive Change

Additional readings / Discussion of work: www.massivechange.org

Journal findings

04: Sustainable Architecture

Required reading: Big and Green

Additional readings / Discussion of work:

Journal findings

05: Landscape and Urbanism

Required reading: Big and Green

Additional readings / Discussion of work:

Journal findings

Required Reading:

Garbage Land: on the secret trail of trash / Elizabeth Royte

New York: Little, Brown and Company, 2005

Cradle to cradle: remaking the way we make things / McDonough & Braungart

New York: North Point Press, 2002

Massive change / Bruce Mau with Jennifer Leonard and the Institute Without Boundaries

London ; New York: Phaidon, 2004

Big & green: toward sustainable architecture in the 21st century / ed. David Gissen

New York: Princeton Architectural Press; Washington, DC: National Building Museum, 2002

All books are available at SBX and The Ohio State Bookstore

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SELECT READING / REFERENCES: ARCHITECTURE CLOSED RESERVE LIST

[NA2542.36 .B54 2002](#) c.2

Big & green: toward sustainable architecture in the 21st century / ed. David Gissen
New York: Princeton Architectural Press ; Washington, DC : National Building Museum, c2002

[TD794.5 .M395 2002](#) c.3

Cradle to cradle: remaking the way we make things / McDonough & Braungart
New York: North Point Press, 2002

[NA2542.35 E34 1999](#)

ECO-TEC: architecture of the in-between / Amerigo Marras, editor
New York : Princeton Architectural Press, c1999

[NA2542.35 .O45 2000](#)

Eco-techure: bioclimatic trends and landscape architecture in the year 2001 /de Oliveira, Bahamón, Cheviakof; trans Rees

INSTRUCTOR'S COPY

Garbage Land: on the secret trail of trash / Elizabeth Royte
New York: Little, Brown and Company, 2005

[NA2542.35 .M445 2000](#)

The HOK guidebook to sustainable design / Sandra Mendler, William Odell
New York: J. Wiley, c2000

[TS171.4 .M39 2004](#)

Massive change / Bruce Mau with Jennifer Leonard and the Institute Without Boundaries
London; New York: Phaidon, 2004

[HC106.82 .H39 1999](#)

Natural capitalism: creating the next industrial revolution / Hawken, Lovins, Lovins
Boston: Little, Brown and Co., c1999

[NA1559.B26 M37 2003](#)

Shigeru Ban / Matilda McQuaid
London: Phaidon, 2003

[NA2542.36 .S62 2003](#)

Smart architecture / Ed van Hinte et al.
Rotterdam: 010 Publishers, 2003

[NA2542.36 S87 2000](#)

Sustainable architecture white papers / ed. Brown, Fox, Pelletier
New York, NY: Earth Pledge Foundation, c2000

[NA2542.36 .M36 2003](#) v.1

[NA2542.36 .M36 2003](#) v.2suppl.

Sustainable everyday : scenarios of urban life / Manzini, Jégou; trans. Coad
Publish info Milan : Edizioni Ambiente, c2003