

COURSE SYLLABUS – ARCH 321.01

Introduction to Architectural Systems B

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| 1. Instructors: | Kris Palagi |
| 2. Course Name/Number: | Arch 321 |
| 3. Number of Credits: | 3 credit Studio |
| 4. Enrollment Minimum: 8 Enrollment Maximum: | 50 |
| 5. Accept non-majors: | No |
| 6. Prerequisites: | arch 320 |
| 7. Weekdays: | Tuesday, Thursday |
| 8. Class Times: | 10:30am-6:00pm |

9. Brief Course Description:

Introduction to environmentalism; focusing on building system's impact on the global environment; the past, present, and future of sustainable movements, the role of environmental regulations/certifications. Develop an understanding of sustainable principles (economic, social, and natural systems).

10. Student Learning Outcomes:

Understanding of past present and future sustainable movements
Understanding of the construction industries role in the environment
Understanding of a citizens average consumption and "footprint"
Understanding of the Governments role in the environment

11. Required Textbooks:

Cradle to Cradle: Remaking the Way We Make Things Braungart / McDonough
Living Systems: Innovative Materials and Technologies For Landscape Architecture
Liat Margolis / Alexander Robinson

12. NAAB:

B. 8 Environmental Systems: Understanding the principles of environmental systems' design such as embodied energy, active and passive heating and cooling, indoor air quality, solar orientation, daylighting and artificial illumination, and acoustics; including the use of appropriate performance assessment tools.

13. Grading:

Grading for the course will be based on the results of the Daily class quizzes, midterm, and final exam.

Daily quizzes	50%
Midterm	20%
Final Exam	30%

14. Attendance & Lateness:

Attendance at all the studio sessions is *mandatory*. If you know a forthcoming absence, please provide me with prior notice. Unexcused absence, tardiness, and poor performance are grounds for administrative action. Three unexcused absences will automatically reduce a student's course grade one whole grade point (A to B, B to C, etc.). Three occasions of tardiness will be considered equal to one unexcused absence. Late assignments and failure to complete presentation work cannot be excused.

You are responsible to ask for and fill up the sign-up paper either at the beginning or the end (if you are late) of each class. Without your signature and email address you are marked as absent. No later explanation will be accepted.

15. Class Organization:

Students will be treated as professionals and are expected to work on a daily basis. Class attendance and active working participation for the **entire** period is mandatory unless special assignments outside of the class have been assigned. The main projects will be developed on an individual basis with portions done in teams selected by the Instructor.

16. Class Etiquette:

The studio environment including its course website must be free from any forms of violence (physical, verbal, visual, audible or otherwise) that offend a fellow student, faculty member, administrator or the school visitors.

17. UHM/SCHOOL OF ARCHITECTURE POLICIES AND PROCEDURES:

The course will follow current University of Hawaii and School of Architecture Policies and Procedures and all students are expected to be familiar with and abide by these Policies and Procedures .

Assumption of Risk and Release Form: All students enrolled in this course are required to complete the School of Architecture Assumption of Risk and Release Form or to have made alternative arrangements with the Associate Dean to accomplish the shop or fieldwork required of the course. Enrollment in this course will be accepted as affirmation that the requirement has been met.

18. MISCELLANEOUS COURSE POLICIES AND PROCEDURES:

Right to Change. The information contained in the Course Syllabus and Course Schedule are subject to change. Every reasonable effort will be made to promptly notify students of any change.