

Architecture For Interior Design
~~The Art & Design of Built Environments~~

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FD '00

Overview:

Art, Beauty, Architecture, Color, Love and Religion are tough concepts to define; they provoke strong emotions, which are difficult to put into simple terms. When we are touched by the realities of these concepts, however, we can become acutely aware of their influence and power. Instinctively, we are unlikely to attempt detached analyses of these subjects-- sometimes an individual is held in the grip of the practical expression of one of these concepts, while others experience very different feelings. To make the situation more complex, these concepts mean different things to different people, frustrating debate and analysis.

Our human nature makes us uncomfortable with realities which are experienced, but which cannot be adequately described. To help overcome this, we often resort to categorization and classification; crude but effective methods of packaging complex subjects for later study. Frequently, however, little further study takes place and the classification or categorization becomes the extent of study efforts.

At it's best, architecture represents both fine art and technical excellence. At it's worst, architecture presents a social, fiscal or economic menace. Architecture has a rich heritage, but architecture is not just history, it is the work of today. It is also our future. When we design, developed and built something in which people live, work, play or worship, It may become architecture. However, until built, it is planning. Unbuilt works may be art, but are they architecture?

Whether a construct is good or bad architecturally, it will will often receive awards. In the politically fertile world of architecture, it sometimes seems that every project, especially those with large price tags, becomes an award winner. Does this mean that bad architecture no longer exists?

Ultimately, architectural success is not judged by architects, but by the public, those who must use these products of the built environment for their intended purposes. For students of design, another element must also be considered. That element is an understanding of the intent of the designer. Without an understanding of underlying intent, architectural criticism becomes largely meaningless. However, with thoughtful research, reading, observation and discussion, real learning about architecture and design can take place. ~~With modern architecture an advantage exists which does not~~ rely on interpretations of history--we can ask the architect or designer about their intent.

We can learn a great deal about architecture by observing, critiquing and understanding the buildings around us. The major subjects of this class will be observation, research and commentary, leading to comprehension of the architecture around us. We dare not ignore architecture which no longer exists, or buildings which were planned but not built, but we will focus on what exists, over what has been lost or unrealized. We will also address the need for a basis of understanding of the ideas, concepts and constructs we see around us.

We will study and enlarge on the book *Architecture a Crash Course* and will consider various articles, essays and manifestos from classical and modern architectural movements together with other assigned readings and handouts concerning contemporary issues and arguments in architecture. Since practical architecture cannot exist without construction, we will spend part of each week studying aspects of construction technology and considering its visual effects and practical implications on the built environment. From classical architecture, we will briefly examine parts of Vitruvius and Palladio's Books on Architecture and will compare and contrast these works with the manifesto's of selected 20th and 21st century architects. For added perspective, we will consider Tom Wolfe's book *From Bauhaus to Our House*, a polemic on modern architecture. We will select readings from *Architectural Record* and *Progressive Architecture* magazines and consider the contemporary Prince Charles debates in architecture.

In addition to the academically serious issues of what Architecture, Art and Design are and what they may mean, our consideration of the more pragmatic and strictly accountable aspects-- the how, what and where of construction technology. Planning, zoning, health and safety, heating and cooling; simple logistics, such as vertical and horizontal people movement, will be addressed. We will also consider construction methods as well as natural and manmade threats to the built environment.

Necessarily, this will be a much abbreviated study of the construction arts, but we will attempt to survey basic construction technology and types of construction appropriate and available to architectural designers today, briefly comparing this with the technologies available in the past.

Finally, gathering the information from our research, readings, discussions, presentations and courseworks, we shall attempt to define architecture for ourselves as a class and as individuals.

Learning Goals:

In this class, students will explore theoretical and practical aspects of architecture and attempt a basic understanding of the roles and perspectives of architects and designers in the planning, design and construction of the built environment. Students will learn the basic thought processes and some techniques associated with the planning, design and construction of buildings and will attempt the practical and spiritual appreciation of the exploration of exterior and interior three dimensional space we call Architecture.

1. Students will gain an appreciation of architecture and architectural design and will be able to discuss and present their own researched concept of what architecture is and what it means to them as designers and as individuals.
2. Students will study the assigned text books on architecture and and be able to discuss and summarize their reading in essays and class presentations.
3. Each student will offer a topic for discussion and then will present an update of their research and reading, discussing implications of interest or importance to interior designers. By the end of the class, students will have developed the skills needed to find, research and present architectural topics for group discussion. This will be evidenced by their mid term and final papers and by 5 to 10 minute presentations in class.
4. Students will develop a basic understanding of construction methods and be able to describe their similarities and differences. Students will also be able to suggest different methods of construction, appropriate to 5 architectural construction situations.

Professional development:

Satisfactory completion of this class will help students develop the skills required to design, develop and communicate ideas to clients, architects, engineers, contractors and to others employed in the construction arts.

Evaluations:

Coursework, projects and presentations will comprise 50% of the class grade, 20% will be assessed through attendance, information sharing and overall class participation, 30% will be assessed through quizzes and examinations. All parts must be passed to aggregate a passing score. Incomplete coursework assignments will lead to an I or F grade. More than one 0 score, may lead to an overall I or F grade for the class.

Student Responsibilities:

Students must allocate sufficient time and resources to the study of this class. Class attendance is essential, 2- unexcused absences will lead to grade reductions. Coursework must be completed on time. Excused absences require valid reasons. The Student Handbook regulations will be utilized throughout this class. Students also must acknowledge and agree to comply with the requirements for professionally appropriate dress, behaviour and conduct expected of a professional studies student in the ID Program.

COURSE # ID 211**Course Content:**

The class will include lectures, coursework and fieldwork. Class hours will be devoted to lectures, project work, discussions and presentations; homework will consist of research and writing, reading and critical observation. Students will need to spend a minimum of three (logged) hours per week, reading and developing architectural comprehension in addition to classroom hours.

Class text to bring to each meeting: Architecture, A Crash Course, Hilary French
text reports required weekly. Auxilliary reading text: From Bauhaus to Our House, Tom Wolfe. Reference text is Ching, A Visual Dictionary of Architecture.

Note: Week 1 begins August 29th, 2000. Final exam day & time to be confirmed
Inventory surveys (& tests) will be taken during week 1 & week 15

week 1 8/28&31	Introduction to architecture; Overview of designs & concepts buildings and site locations, contours, lat. & long, alt. azi, TMK Map & Plan Reading, Landscapes & outdoor spaces	HW. Assigned reading & www. research from text HW. site model assignments, photo essay part 1
week 2 9/5&7	Introduction to construction; Overview of construction methods Initial photos for photo essay pt.1 & site model program due	HW. Select research topic, text readings HW. Site Models, text reports set up
week 3 9/12&14	Residential Building I (with plan reading), foundations & framing Doors, Windows & Schedules, Model building to scale	HW. Tom Wolfe, Bauhaus pp1-85 HW. Site Models
week 4 9/19&21	Residential Building II, enclosing spaces & finishing Presentation of Site Models	HW. Photo Essay part 2; Structure Model Planning HW. Tom Wolfe, Bauhaus pp85-120
week 5 9/26&28	Building Systems I, Building needs, air, heat, light & fire control Photo essay parts 1 & 2 due, Presentations	HW. Individual research, Assigned Reading HW. Structure Model Construction
week 6 10/3&5	Commercial Building I, structures & stability Commercial Building II, spaces & finishes	HW. Assigned Reading; Structure Models
week 7 10/10&12	City and Infrastructure Planning; Discussion on Arch. Manifestos Structure Models	HW. Research; Assigned Reading; Exam prep
week 8 10/17&19	Presentation of structure models; Midterm Exam	
week 9 10/24&26	Architecture & Construction Compared, Classicism v. Modernism Photo Essay, Final Presentations	HW. Essays; project selection
week 10 10/31&11/2	Construction Technology Today & Yesterday Architecture of Hawaii discussed, reports & logs due	HW. Architecture of Hawaii I (vernacular)
week 11 11/7&9	Construction technology II; Formal & Vernacular Arch.	HW. Architecture of Hawaii II (formal)
week 12 11/14&16	Building systems II; Modern Architects	HW. Project work
week 13 11/21&23	Architectural detailing No class Thursday Thanksgiving Weekend	HW. Projects, Detailing & Space Planning
week 14 11/28&30	Planning & Zoning, issues & problems	HW. Projects; assigned reading
week 15 12/5&7	Review and analysis of coursework Final reports, Presentations and Projects	HW. Research Project & exam Prep.
week 16	Final Exam	

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Mid-term Assignment:

Due Date for Presentation: Week 8, class 2 (October 19th)

Your assignment is to research and report on a contemporary architect who has influenced the world of architecture significantly.

Your project work should involve both internet and traditional research and should include, but not be limited to the following:

1. The architect's education, training and influences (be brief).
2. The architect's early work(s) and later works (outline, compare/contrast).
3. The architectural style, group or classification to which the subject's work belongs.
4. The architectural influences (historical, theoretical) which mark the work(s).
5. Your considered opinion of this architect's role and influence on architecture.

You must prepare an 8-minute presentation on your findings and provide an 8-1/2 x 11 soft-cover, loose leaf binder with your written report, research bibliography and pictures or drawings suitable for presentation on the ID Document Camera/ computer system.

A computer disc, with your report, written in MS Word, or MS Powerpoint will be appreciated, but is not required.

Be certain to make a copy of your written report in case it is needed for program accreditation or classwork verification.

Project CW

*Explained in class + done
if progress allows.*

Architectural Criticism, design perspectives

Presented in class

3-page architectural criticism

3-photos

Municipal & Commercial Buildings:

Hemmeter Building (Former Armed Forces YMCA) Beretania St.

Academy of Arts Building Beritania St.

Linekona Building (Academy Annexe)

State Capital

Federal Building, Punchbowl St.

Queen Liliokalani Bldg. Punchbowl St.

YWCA, Richard St.

Aliolani Hale (Judicial bldg.) S. King St.

First Hawaiian Center, S. King/Bishop St.

Hawaiian Electric Bldg. S. King St.

Honolulu Hale (City & County Bldg) S. King St.

State Library, Punchbowl St.

City Hall Annexe

C & C Municipal Bldg. S. King/Alapai

All American Storage Bldg. South/Queen

Kaahumanu Hale (Circuit Court), Punchbowl/Pohukaina

Kalanimoku Bldg. (State DLNR) S. Beritania/ Punchbowl