

Current Information:

I. A.) COURSE NUMBER, and TITLE: ARC 1000 Architecture + Humanity

B.) CREDIT HOURS: 3.0 C.) PREREQUISITES: na

D.) CURRENT CLASSIFICATION

1. General Education Code: B C D H M N P S None

2. Writing Requirement: E2 E4 E6 None

3. Math Requirement: M None

Requests:

II. GENERAL EDUCATION

A.) Requested Classification: B C D H M N P S

B.) Effective Date: Fall Spring Summer 2011 (year)

Or

1-time Approval _____ (year)

III. WRITING REQUIREMENT MATH REQUIREMENT

A.) Requested Classification E2 E4 E6

B.) Effective Date: Fall Spring Summer _____ (year)

Or

1-time Approval _____ (year)

C.) Assessment:

1.) What type of feedback will be provided to the student (in reference to writing skill)?

_____ Grade _____ Corrections _____ Drafts _____ Other

2.) Will a published rubric be used?

IV. ATTACH A DETAILED SYLLABUS

V. SYLLABUS CHECKLIST

Courses that offer students General Education and/or Writing Requirement credit must provide clear and explicit information for the students about the classification and requirements.

A.) For courses with a **General Education** classification, the syllabus should include:

- Statement of the General Education Purpose of the Course with attention to the General Education Classification requested
- List of assigned General Education Student Learning Outcomes
- List of any other relevant Student Learning Outcomes
- List of required and optional texts
- Weekly course schedule with sufficient detail (e.g. topics, assigned readings, other assignments, due dates)

B.) For courses with **Writing Requirement (WR)** classification, the syllabus should include:

- "The Writing Requirement ensures students both maintain their fluency in writing and use writing as a tool to facilitate learning."
- "Course grades now have two components: To receive writing credit, a student must receive a grade of "C" or higher and a satisfactory completion of the writing component of the course."
- A statement or statements indicating that the instructor will evaluate and provide feedback on the student's written assignments with respect to grammar, punctuation, usage of standard written English, clarity, coherence, and organization
- Assignment word counts, page lengths, submission deadlines and feedback dates

Additionally, the syllabus must clearly show that the course meets the WR to

- Evaluate [2,000/4,000/6,000] written words in assignments during the semester
- Provide all feedback on assignments prior to the last class meeting

Important note: The following types of writing assignments **CANNOT** be used to meet the WR: teamwork, exam essay questions, take-home exams, and informal, ungraded writing assignments.

VI. SUBMISSION AND APPROVALS

A.) Submitted by (Signature of Instructor): [Signature]

Print Name John Maze Date 10 March 2011

B.) Department Approval (Signature): [Signature]

Print Name John Maze, ASSISTANT DIRECTOR - UROD Date 10 March 2011

MARTIN GOLD, DIRECTOR - UCH [Signature] 4/6/11

C.) College Approval (Signature): [Signature]

Print Name Christopher Silver Date 3/11/11

MARGARET CHER [Signature] 4/6/11

D.) Committee Action: Approved Denied Tabled Date _____



Architecture + Humanity
Arc 1000 Section 2036
John Maze, Associate Professor
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Prospectus

“An Introduction to freshman and sophomore students of the University of Florida to the issues and opportunities derived through actively engaging the sustainable and ethical organization and design of the environments in which we live – urban, landscape, and architectural.”

The course will elaborate upon the role design professionals play in integrating sustainable strategies, healthy environments, and effective communities in the 21st Century. Course content will include traditional, ecological techniques utilized by architects and designers, emergent materials and strategies, and case study analysis of award winning and internationally recognized design projects from around the world. Issues such as the relationship between culture, regional ecology, climate, and local technologies will be explored in terms of their influence on the built form.

Course Format

Course format will consist of faculty led lectures, topical readings, multi-media presentations (film, webcasts, etc) and multiple-choice tests. Lecture will consist of the work of contemporary architects, planners, landscape architects, and other designers from the profession and the academy that represent the tangible results of theoretical responses to sustainability through climate, population growth, and energy conservation. These issues will be expanded through the discussion of integrative design methodologies that actively mediate geopolitical challenges through spatial and built responses that extend beyond public policy.

In addition to primary faculty, guest lecturers from the profession will be invited to present their own design processes in order to discuss the ramifications of critical architectural decision-making on the environment from the global to the immediate scale of the human body. The Fall 2009 semester, for example, had guest lectures from the head of the Central Florida Architecture for Humanity chapter Sean Williams on the service role of design, Director Martin Gold, AIA on the Florida Community Design Center, and Vandana Baweja on Indian urbanism.

The big questions that the course addresses are:

What does it mean to see, and how do we do it?

- what is architecture?
- why is architecture?

Now that we can see, what is the state of architecture today and how did we get here?

- who is architecture?
- where is architecture?

Now that we understand where we are, how do use architecture to better humanity?

- what are the problems facing humanity in the 21st century?
- how can we think globally and act locally for the betterment of the world?

Required Texts

Design Like You Give a Damn: Architectural Responses to Humanitarian Crises by Architecture for Humanity, Kate Stohr, and Cameron Sinclair
Architecture: An Introduction by Geoffrey Makstutis

Participation/Attendance

You are expected to take part in class and on line discussions, answer posed questions, provide meaningful insight into class material, and be present for class. Attendance will be taken at random times throughout the semester. Each unexcused absence will result in a ten percent reduction in your final participation grade.

Late arrival or early departure from the course is unacceptable and will automatically count as an absence. Late and /or incomplete work will not be accepted. Plagiarism will not be tolerated, and will result in a failing grade for the semester.

Architecture + Humanity Grading Criteria

- 30 % Midterm Test
- 10 % Written and submitted personal *Definition of Architecture*
- 40% Final Exam
- 20% Participation/Attendance

Grading Scale

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E
Numeric Grade	93-100	90-92	87-89	83-86	80-82	77-79	73-76	70-72	67-69	63-66	60-62	0-59
Quality Points	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	0.67	0.0

UF Grading Policy

Information on UF's grading policy can be found at the following location:

<http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html>

Students with Special Needs

Students with special physical needs and requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. All attempts to provide an equal learning environment for all will be made.

Selected Bibliography

Diane Ackerman

A Natural History of the Senses

(New York: Vintage-Random House, 1991).

ISBN 978-0679735663

Paul Goldenberger

Why Architecture Matters

(New Haven: Yale University Press, 2009)

ISBN 978-0300144307

George Leonard

Mastery: The Keys to Success and Long-Term Fulfillment

(New York: Plume 1992)

ISBN 978-0452267565

Geoffrey Makstutis

Architecture: An Introduction

(London: Laurence King Publishing, 2010)

ISBN 978-1 85669 623 4

Bruce Mau

Massive Change: The Future of Global Design

(New York: Phaidon 2004)

ISBN 978-0714844015

William McDonough and Michael Braungart

Cradle to Cradle: Remaking the Way We Make Things

(New York: North Point Press 2002)

ISBN 978-0865475878

Cameron Sinclair and Kate Stohr (Required)

Design Like You Give a Damn: Architectural Responses to Humanitarian Crises

(New York: Metropolis Books 2006)

ISBN 978-1933045252

Robert Vickery, Jr.

Sharing Architecture

(Charlottesville: Virginia University Press 1983)

ISBN 978-0813909738

Selected Videography

My Architect

Sketches of Frank Gehry

The 11th Hour

Powers of Ten

<http://www.youtube.com/watch?v=A2cmlhfdxuY>

Solar Decathlon Movie - NA2542.36 .G74 2008

www.ted.com

http://www.ted.com/talks/cameron_sinclair_on_open_source_architecture.html

http://www.ted.com/themes/architectural_inspiration.html

http://www.ted.com/talks/lang/eng/al_gore_s_new_thinking_on_the_climate_crisis.html

http://www.ted.com/talks/lang/eng/tim_brown_on_creativity_and_play.html

http://www.ted.com/talks/lang/eng/norman_foster_s_green_agenda.html

http://www.ted.com/talks/lang/eng/nathaniel_kahn_on_my_architect.html

http://www.ted.com/talks/daniel_libeskind_s_17_words_of_architectural_inspiration.html

http://www.ted.com/talks/lang/eng/greg_lynn_on_organic_design.html

http://www.ted.com/talks/lang/eng/james_howard_kunstler_dissects_suburbia.html

Student Learning Objectives

Student Learning Objectives For Awareness and Understanding Architecture's Role in the Humanities

Know the history, underlying theory and methodologies used within architecture. Identify and analyze key aspects and considerations of design in general as well as key movements, architects, built works and periods. Recognize and understand biases and influences that shape architectural thought – as a user of architectural space and as a potential creator of architectural space. Be able to develop and evolve one's own definition of *architecture* from an informed point of view.

Approach issues and problems within architecture and environmental design from multiple perspectives, scales, and cultures. Communicate knowledge, thoughts and reasoning clearly and effectively in forms appropriate to architecture, individually and/or in groups.

Student Learning Objectives For International Awareness and Understanding

Know the values, attitudes and norms that shape the cultural differences of peoples and their environments who live in countries other than the United States. Understand and be able to identify the geo-political and cultural determinants of the built environment and architectural space. Demonstrate awareness and understanding of relationships between space and idea in architecture throughout history across cultural, regional, and global differences.

Know the roles of geographic location, development level and geopolitical influences on the shape of architectural form and space in the lives of citizens across the world. Analyze and evaluate the shape of your built environment as well as your cultural norms, values, etc. in relation to those held by citizens in other countries.

Detailed Schedule for Coordination of Instruction

The course is divided into three interrelated sections, with each section necessary for the comprehension of the following section. The first section covers the introduction of *architecture* as a concept, art, discipline, and profession and offers various determinants for its definition as well as its role in shaping the built environment. The second exposes the student to a brief history via presentations of the primary movements across the world and time, including key figures and examples of built environments. The third section is the most interactive section of the semester as the forces that shape contemporary global life are presented in particular to how they impact and are impacted by architecture. The role of the architect and his/her ethical/professional responsibility to be in service to humanity is debated as students finalize their own individual definitions of *architecture* as a concept, art, discipline, and profession.

Week One	Date	What is Architecture?	Makstutis C1	Film
Monday	23 August	Introduction to Semester – go over syllabus, define		TED - Sir Ken Robinson
Wednesday*	25 August	What is Architecture? – Art, Arch, Beauty		
Friday	27 June	Learning Styles		TED – Tim Brown

Week one begins to identify the definition of architecture, which has been addressed and debated for millennia making the discussion very rich and all encompassing. One of the primary goals in this class is for students to define for themselves "architecture" as a noun, adjective, and a verb. What is it, how does one identify it, how does one judge and critique it, how does one make it, how does one relate to it, and how does occupy it? Towards this goal, a fairly thorough introduction to variously accepted definitions and descriptions of the subject is needed. In addition and perhaps more importantly, however, what is needed is an understanding of "understanding" itself as well as how we learn. Thus, time is spent presenting the role of education in terms of 'architecture' and the arts in general, and the need for being precise in one's comprehension of the subject matter. This is particularly true for 'architecture' since unlike other artistic pursuits, it is also a service profession and is the built environment at large, and spaces the world in which one lives.

Week Two	Date	What is Architecture?	Makstutis C2	Film
Monday	30 August	What is Architecture? – Design Determinants		TED - JJ Abrams
Wednesday	01 September	What is Architecture – Design Determinants		

Friday 03 September Discussion

Week two more specifically presents the constituent aspects of architecture that separates it from other forms of building. By virtue of presenting and discussing what makes "architecture" architecture, a more precise but still open framework is established for the bulk of the semester. How do scholars and practitioners determine what is and what is not "architecture" and what is the benefit and danger of such definitive codification?

Week Three	Date	How Does an Architect See?	Makstutis C3	Film
Monday	06 September	Labor Day – No Class		
Wednesday*	08 September	Movie		My Architect
Friday	10 September	Ways of Seeing		TED – Daniel Libeskind

Week three presents and explores the basic perceptual and cognitive frameworks that architects and designers utilize as tools for processing information and organizing it into meaningful designs

Week Four	Date	How Does an Architect See?	Makstutis C4	Film
Monday	13 September	Ways of Seeing		TED – Aimee Mullins
Wednesday	15 September	What is Design		
Friday	17 September	Film		Sketches of Frank Gehry

Week four more specifically presents particular case studies of the important masters of design throughout history, and discusses the commonalities and differences between them. The notion of advances and evolutions in design methodology at different periods of time and across cultures is discussed

Week Five	Date	Who are the Architects?	Makstutis C5	Film
Monday	20 September	What is Design		TED – Aimee Mullins
Wednesday*	22 September	Discussion – Makstutis C1-C5		
Friday	24 September	Five Architects		

Week five lays out the introduction for the middle period of the semester which delves into the various practitioners of architecture and design as appropriate for understanding how the field of inquiry defined as architecture continues to evolve. Important movements and trends in the profession as related to the shape of space and architectural form in the 20th Century across the globe are presented so that contemporary shape of the profession and its relationship to humankind can be thoroughly discussed in weeks to come.

Week Six	Date	Midterm Projects	Makstutis C6	Film
Monday	27 September	no class		
Wednesday	29 September	21 st Century Architecture		TED – Thom Mayne
Friday	01 October	Film		The New modernists

Week six continues discussion about contemporary practice as it impacts western and non-western society. How is urban space shaped in developed nations versus in lesser-developed regions? Who makes the decisions and how?

Week Seven	Date	Who are the Architects?	Makstutis C7	Film
Monday	04 October	21st Century Architecture		
Wednesday*	06 October	21 st Century Architecture		Sketches of Frank Gehry
Friday	08 October	Guest lecture		Mick Richmond

Week seven continues discussion about contemporary practice as it impacts western and non-western society. This thorough coverage of who is doing what, where, and how is in direct anticipation of presenting the issues that plague or define humankind in the contemporary world and the role of architecture in aiding the world to grapple with them. What defines the 21st Century global perspective of life, and how can/does architecture serve humankind?

Week Eight	Date	Who are the Architects?	Film
Monday	11 October	21st Century Architecture	TED - Reed Kroloff
Wednesday	13 October	Where do we go from here?	The story of stuff
Friday	15 October	Homecoming – No Class	

Week eight continues discussion about contemporary practice via case studies, interviews, and documentary presentations.

Week Nine		Midterm Activity – The Issues	Film
Monday	18 October	21 st Century Architecture	TED – Diller Scofidio
Wednesday*	20 October	Review	TED – Sir Norman Foster
Friday	22 October	Midterm Quiz	

Week nine reviews cumulatively the definition of architecture and the outline of major figures and examples presented in the course, culminating in a midterm evaluation.

Week Ten		Midterm Activity – The Issues	Film
Monday	25 October	No Class	
Wednesday	27 October	EU Solar Decathlon	Green architecture
Friday	29 October	The Issues – an introduction	

Week ten begins the portion of the class that moves from issue to issue that impact and are impacted by architecture

Week Eleven	Date	Architecture + Humanity	Film
Monday	01 November	Architecture in Service	Sean Williams visit
Wednesday*	03 November	Architecture for Humanity	TED – AFH, MIR
Friday	05 November	Discuss Reading Three	Rural Studio

Week eleven presents architecture as a vehicle for humankind to be served from a global humanitarian vantage point. What is the role of the architect as a professional in the embitterment of the world population, and what are the particular skill sets unique to architecture that serve humankind in times of disaster relief and economic strife?

Week Thirteen	Date	Architecture + Environment	Film
Monday	08 November	Architecture and the Environment	TED – Al Gore
Wednesday	10 November	Cradle to Cradle	TED – Bill McDonough

Friday 12 November Film The Eleventh Hour

Week twelve serves as a sometimes-frightening but always eye opening presentation of how the daily decisions we make impact the world and natural environment. What is the role of the architect as the shaper of the built environment in helping preserve and conserve humanity without degrading cultural and economic stability across the globe?

Week Thirteen	Date	Architecture + Urbanism	Film
Monday	15 November	Architecture + Urbanism	TED – Jaime Lerner
Wednesday*	17 November	Urbanism	Vandana Baweja
Friday	19 November	Suburbanism	

Week thirteen discusses why the world looks the way it does – why are cities what they are, and what are the ramifications of our decisions about how to dwell?

Week Fourteen	Date	Architecture + Professionalism	Film
Monday	22 November	Architecture as a Profession	Director Gold
Wednesday	24 November	Thanksgiving travel – No Class	
Friday	26 November	Thanksgiving Holiday – No Class	

Week fourteen presents the ethical requirements of being a professional and what the implications of a license to practice architecture in an ever-connecting global society/market/economy and cultural conglomeration. How does the profession help to protect and serve humankind?

Week Fifteen	Final Discussions and Presentations		
Monday	29 November	Course Wrap Up and Review	
Wednesday*	01 December	Discussion	
Friday	03 December		