



Course Syllabus

Course Code	Course Title	ECTS Credits
ARCH-410	Emergency Architecture	4
Prerequisites	Department	Semester
-	Architecture	Spring
Type of Course	Field	Language of Instruction
Elective	Architecture	English
Level of Course	Lecturer(s)	Year of Study
1 st Cycle	Alessandra Swiny	4 th
Mode of Delivery	Work Placement	Corequisites
Face to face	N/A	-

Course Objectives:

The main objectives of the course are to:

- Introduce students to the application of a knowledge of Emergency Architecture
- Introduce students to policy, field work, and case studies concerning existing Humanitarian and Emergency Projects
- Develop participants` foundational knowledge, through an experimental research technique, which covers a wide variety of fields and topics and brings together a comprehensive understanding of this vastly complex subject
- Develop participants` understanding of parasitic, adaptive, transportable, flexible, mobile, storable, and collapsible architecture
- Encourage a concentration on the art of 'making', in a low-tech manner, investigating the process of the often forgotten, traditional 'hand-made' techniques.
- Inspire students to use the human body as the driver throughout the course; the results will be generated out of a specific human need for protection and a reaction to an existing environmental/physical/social catastrophic situation.
- Introduce the translation of investigations into materials – plastics, membranes, fabrics, even found objects - to discover new techniques to join, connect and mend them through - sewing, weaving, and molding

Learning Outcomes:

After completion of the course students are expected to be able to:

1. Develop design research projects independently and in collaborative groups
2. Combine verbal and visual communication tools to represent architectural concepts in multiple media formats
3. Explain the historical and theoretical context of humanitarian design, emergency architecture solutions and related topics covered within this course
4. Associate theoretical texts and synthesis of ideas and research proposals
5. Use multimedia techniques, at an advanced level, to present research and the final project, based off a proposed thesis
6. Demonstrate the application of the 'making' process and investigations into material properties

Course Content:

- How our world stands now
- Environmental issues
- History of humanitarian aid and design
- Disasters, emergency, crisis
- Informal settlements, migrant populations
- Designing for temporary to permanent - housing the refugee
- Humanitarian aid and policy
- Design response and responsibility
- Smart materials, design, cities
- Adaptable vernacular: multiple combinations
- A history of mobility: transporting the human home
- Flexibility: assembly and disassembly
- Wearing and carrying: the role of the human body
- Issues of memory: taking what you can't take with you

Learning Activities and Teaching Methods:

Lectures, directed readings, self-assessment, experimental material activities, individual and group work, case studies analysis, desk-crits, group discussions, debate, student participation, presentations

Assessment Methods:

Class and debate participation, Weekly reading and discussion, Workshop assignments and Design and/or research project

Required Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Design Like you Give a Damn: Architectural Responses to Humanitarian Crises	Architecture for Humanity	US Green Building Council	2006	978-1933045252
Design for the Other 90%	Cooper-Hewitt, National Design Museum	Editions Assouline; ND Marginalized. ed. edition Smithsonian Institution, NY.NY	2007	978-0910503976

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Transitional Settlement: Displaced Populations	Corsellis, Tom & Vitale, Antonella	Oxfam Publishing	2005	978-0855985349
Architects Without Frontiers: War, Reconstruction and Design Responsibility	Charlesworth, Esther	Architectural Press	2006	978-0750668408
Living in Motion: Design and Architecture for Flexible Living	Robert Kronenburg & Stephanie Bunn	Vitra Design Museum	2002	978-3931936358
Safe: Design Takes On Risk	Marie & Patton, Phill.	Museum of Modern Art	2005	978-0870705809