

iCAD AA 2023-24 Environmental Design Class | prof. G. Ridolfi

Building: S. Teresa | Rom: 205 | Time: 8:50-12:50

UNIT 01

29 February

Class Overview. Contents, & Enrollment Procedures

Class overview

The Post-Environmental Condition. A critical reading on Ecology

The Great Pacific Garbage Patch. Living Colony on the GPGP island

Heterotopias: Urban Sprawl & Drossscape

Individual Work: Research on The Post Environmental Condition

Individual Work Research on The Great Pacific Garbage Patch (GPGP)

7 March

Creode on the Great Pacific Garbage Patch

Lecture: Alles ist Fiktion. The Fictional approach in Architectural Design

Lecture: Imagine the Settlement

Individual Work: Which place could I imagine for the GPGP's territory?

Individual Work: Defining the GPGP landscape identity and places articulation

14 March

Design Inception

Morning Briefing and Introduction to *Credit#03. The Story*

La casa di...A fictional approach and videomapping installation for architectural design

Individual Work: Looking for Characters and his story's fabrication

CREDIT#01. *The Great Pacific Garbage Patch* - Individual Presentation and discussion

CREDIT#02. *The Creode* - Individual Presentation and discussion

Group Work: Refining the story and how to present it

Final Briefing: Setting text to image generation tools

21 March

Design Development

Morning Briefing and introduction to *Credit#04. Visioning*

CREDIT#03. *The Story* - Individual Presentation and discussion

How to work with AI image generation (text to image online software)

Individual Work: image generation & versioning

28 March

Critique

CREDIT#04. *Visioning*. Teaching Board Individual Evaluation

Introduction to *credit#05. Postcards Installation*

Conclusory Round Table

Individual Work: Work refining & tuning

11 April

Finissage & Final Exam

Installation

Credit#05. Postcards installation. Teaching Board Individual Evaluation

Conclusory Round Table

Grading

UNIT 02

18 April

From 2D to 3D

Architectural building selection

	Individual Work:
02 May	Mass modeling
	Free forms & architectural grids coordination
	Individual Work:
9 May	The Structural System
	Archetypes and structural typologies
	Conceptual schemes and resistant forms
	General sizing criteria
	Individual Work:
16 May	Foundations for Floating Buildings
	Review of the proposed system
	Individual Work:
23 May	Envelopes
	Envelopes System Typologies & Tassellation
	Adaptive and robotic Envelopes
	Individual Work:
30 May	Critique
	Credit#06. Design for Approval
	Guide to Credit #07 Final Communication
	Over Classes
14 June	Project Review
20 June	Project Review
	Final Exam
26 June	Files Upload Credit #07
27 June	Teaching Board Individual Evaluation