

ADVANCED ARCHITECTURAL THEORY

Instructor: Dr. Julian Vane
Semester: Fall 2024
Room: Studio 402B

WEEK	MODULE TOPIC	READING & LAB FOCUS	DEADLINES
01	Foundations of Modernism	Introduction to spatial logic and the industrial revolution's impact on urban form.	Quiz 1
02	Post-War Reconstruction	Analysis of Brutalism and the rise of social housing projects in Western Europe.	-
03	Digital Parametricism	Lab session: Introduction to Rhino & Grasshopper scripting for complex geometries.	Project Proposal
04	Sustainable Systems	Thermodynamics in building envelopes and passive cooling strategies.	Case Study
05	Midterm Review	Comprehensive review of modules 1-4 and peer portfolio critique.	Midterm Exam
06	Phenomenology in Space	Sensory architecture and the materiality of the human experience.	-
07	Final Thesis Workshop	One-on-one consultations regarding the final design implementation.	Final Draft