

Architecture and Structure Design Lab – Building Systems Design

BIM & FORM MANUFACTURING

PROGRAM | 2017-18

prof. Giuseppe Ridolfi

06-ott	Lect	Course overview. BIM and Form Manufacturing
06-ott	Lect+Ass. Guide	Assignment #01 presentation: WERKSTATTE WEISSENHOF SIEDLUNG. STRUCTURES GRAMMAR ANALYSIS. The Foundations system
20-ott	Lect	Terrain modeling, Structural grids and building foundations
27-ott	Lect	Ontology and Parametric Material takeoff of the structural system
01-nov	Files Upload	Credit #01
03-nov	Credit	Poster presentation Credit#01-WERKSTATTE WEISSENHOF SIEDLUNG. STRUCTURES GRAMMAR ANALYSIS. The Foundations system
10-nov	Lect+Ass. Guide	Assignment #02 presentation: Buildings without functions. The grammar of building Structure and Architectural language
17-nov	Lab	Studio Activity. Architectural proposal development
24-nov	Lab	Studio Activity. Model Fabrication Feasibility
01-dic	Lect+Ass. Guide	Parametric material takeoff using BIM: Guide to Credit #03 Reinforced Concrete Scheduling & Credit#04 Detailed Section
13-dic	Files Upload	Credit #02
15-dic	Credit/intermediate	Poster presentation Credit#02: Buildings without functions. The grammar of building structure and architectural language
11-gen	Lab 15:00-18:30	Desk review
17-gen	Lab 15:00-18:30	Desk review
19-gen	Lab 15:00-18:30	Credit #03 Approval to proceed on draft printed boards
24-gen	Lab 15:00-18:30	Credit #02 Approval to proceed on draft printed boards & Model
26-gen	Lab 15:00-18:30	All Credits last general review: Approval to proceed on draft printed boards
19-feb	Files Upload	All Credits
21-feb	FINAL EXAMS	