ENVIRONMENTAL DESIGN
Prof. Arch. Giuseppe RIdolfi

schedule and credits iCAD **20**20

Date	Topic
05-mar	Course overview & Introductory Readings (software installation*)
10-mar	Conceptual Design on Environmental Report
17-mar	Climate Modeling using Revit & Grasshopper
24-mar	Credit 01:Conceptual design on Environmental Report
31-mar	Conceptual Mass Energy Optioneering using Revit
07-apr	Green Metrics & Environmental Based Digital Simulation (thermal, daylight & ventilation)
16-apr	Review Credit 02
12-13 apr	**Easter Break**
21-apr	Credit 02: Architectural Mass & Lay-out Optioneering
28-apr	Passive design part1 >Insolation/Insulation, Thermal Lag, Natural Ventilation
5-may	Passive design part2 >Direct evaporative Cooling, Adapive Building
12-may	Review Credit 03
19.may	Credit 03: Individual Concept Design
26.may	Envelope Design and Daylight
Class Ends	
04 jun	Credit 4 Review
09-jun	Credit 4 Review
16 jun	Credit 04 Schematic Design & Architectural Envelope Definition
23 jun	Credit 5 Review
30-jun	Credit 5 Review
7--10 jul	Credit 05 Project Booklet & Public Exhibition

*) ATTENTION	**The class required the installation, at least, of the following software: revit, rhino, grasshopper, ...** **Other software, online app, plug in, and add on will be provided during the class**