



itu faculty of architecture department of architecture

## **construction project**

**asst. prof. dr. m. cem altun**  
**research asst. ışıl türkay**

2017 / 2018 fall semester mime 431 tuesday 13.30 – 17.30 + friday 08.30 – 12.30

### **objective**

exploring form - spatial organisation - technology interactions and their integration in the context of **the transformation of the design idea into a concrete product** ... it is expected that design plays a vigorous role in reflecting corporate identity ... selection of materials and construction types/techniques and integration of building subsystems (spatial system, building elements, structural system, service systems) considering building - environment - user interaction, functional requirements and "identity" ... in selecting materials, in selecting/designing sub systems: achieving a high standard of climatic- acoustical- visual- comfort, energy efficiency and ecological aspects will be primary design criteria ... regulatory framework, accessibility and user safety are further design criteria ... envelope/façade system design and detailing will be underlying sub processes ... it is aimed to cover **all design stages** of the project in a holistic approach...

### **process**

the process will be carried out as **research, presentations, juries, studio work** ... prioritized techniques in design and representation are model making and digital 3d modelling ... main phases of the design process are as follows: investigating and analysing the building site and environmental context ... literature review, precedent analyses ... preparing and developing the architectural program ... user – activity – equipment – space analysis / synthesis ... developing the concept ... seminars on related codes, standards and regulations and their integration into design ... seminars on building subsystems ... developing preliminary design project ... developing and designing systems ... developing construction project ... detail design ... systems' integration ... 3d modelling in systems' design ... juries ... representation techniques in construction project ...

> it is expected to participate in all research work, seminars, juries, and studio works ...

### **topic**

**hotel building** ...

> if you have any questions contact [mcemaltun@gmail.com](mailto:mcemaltun@gmail.com) before enrollment...