

itu faculty of architecture department of architecture

# **construction project**

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

2o16 / 2o17 fall semester mime 431 tuesday 13.3o – 17.3o + friday o8.3o – 12.3o



## **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 and in creating brand image ... 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 and in 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 will be further design criteria ... facade 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**

in developing knowledge and design skills, design process will be carried out as **research, seminars, juries, and 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 sites and environmental context ... literature review, precedent analyses ... preparing and developing the architectural program ... user – activity – equipment – space analysis / synthesis ... developing concept ... seminars on related codes, standards and regulations and their integration into design ... seminars on building sub-systems ... developing preliminary design project ... developing and designing systems ... developing final project ... detail design ... systems' integration ... 3d modelling in systems' design ... juries ... drawing and writing representation techniques in construction project ... it is expected to participate in all research, seminars, juries, and studio works ...

## **topic**

**car showroom + service center** ...

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