

ISTANBUL TECHNICAL UNIVERSITY \* FACULTY OF ARCHITECTURE  
DEPARTMENT OF ARCHITECTURE

CRN 11347 – MIM 331E

**BUILDING PRODUCTION SYSTEMS**  
SYLLABUS

Credit/Course Hr : 2 (2,0)  
Pre-requisite : None  
Instructor : Alaattin KANOGLU, PhD, Professor

**1. AIM OF THE COURSE**

Analyzing the factors affecting building production process by system approach, establishing the relationship of building system/building production system concepts in practical and conceptual dimensions, teaching basic building and building production systems along with their product and process characteristics.

**2. CONTENT OF THE COURSE**

Definition of Building Production System (BPS). Elements of BPS: resources, process and product. Constraints of BPS: environment, aims, criteria. Development of BPS from standpoints of resources, process, product and organization in parallel with social and technological changes. Characteristics of building sector. The product characteristics and demand characteristics in the building production. Evaluation of building systems in terms of resource utilization/speed/quality. Principals in building system selection.

Practices: Analysis of building system, comparative analysis of resource utilization of specific building systems, process analysis of specific systems.

**3. REQUIREMENTS FOR FINAL EXAM**

- minimum 80% attendance to class,
- submission of assignments at a certain maturity level,

**4. REQUIREMENTS FOR SUCCESS**

A grade over (**F**) is required as final grade that is the average of midterm exam, assignments, and final exam for success.

**5. CALCULATION OF FINAL GRADE**

	No	Weight %
Mid-term exams	1	%50
Quizzes	1	%10
Assignments (2nd assignment is optional)	1+1	%40
Projects	-	-
Term project	-	-
Lab	-	-
Term evaluation		%50
Final exam		%50