

Tutors : Timuçin HARPUTLUGİL (Assoc. Prof. Dr.)
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As part of a three-semester course, this program focuses on building systems and various components of buildings. The main themes encompass the design and detailing of wet areas, windows and doors, suspended ceilings, cladding, and curtain wall systems. Additionally, we internal and external finishes and materials used to cover building systems will be explored.

Similar to its counterparts in the first and second semesters, this course dedicates a significant amount of time to practical application. As a result, each class includes drafting and sketching architectural details that are covered in the theoretical portion of the course.

"ARCH 305 CONSTRUCTION SYSTEMS III is a non-exam course (Article 29 - 1 of university's regulation); therefore, grading will be made according to the work performed by the student during the term."

SCHEDULE

Week 01 03.10.2023	Introduction, modular coordination, review of previous attainments	
Week 02 10.10.2023	Wet Areas	HW 01
Week 03 17.10.2023	Wet Areas	HW 01
Week 04 24.10.2023	Wet Areas	HW 01
Week 05 31.10.2023	Composing openings on wall systems / Windows /Doors	HW 02
Week 06 07.11.2023	Window Systems	HW 02
Week 07 14.11.2023	Door Systems	HW 02
Week 08 21.11.2023	Door Systems	HW 02
Week 09 28.11.2023	Cladding Systems	HW 03
Week 10 05.12.2023	Cladding Systems	HW 03
Week 11 12.12.2023	Cladding Systems, Suspended Ceiling and Raised Flooring Systems	HW 03
Week 12 19.12.2023	Curtain Wall Systems (FINAL)	HW 04
Week 13 26.12.2023	Curtain Wall Systems (FINAL)	HW 04
Week 14 02.01.2024	Curtain Wall Systems (FINAL)	HW 04

80% attendance to this course is compulsory.

HOMEWORK

HW 01: Wet Areas (WC, Bathroom and Kitchen) (1/20, 1/10, 1/5, 1/2, 1/1) / (25%)

Due Date :31/10/2023 until 09:00

HW 02: Window & Door detail drawings in various scales (1/10, 1/2, 1/1) / (25%)

Due Date :28/11/2023 until 09:00

HW 03: Cladding system modulation and system sections (1/20, 1/10, 1/5, 1/2, 1/1) (/ 20%)

Due Date :26 /12/2023 until09:00

HW 04 (FINAL WORK-Poster): Curtain Wall system details (1/20, 1/10, 1/5, 1/2, 1/1) / (30%)

(The details and submission date for final work will be announced during semester)

RECOMMENDED BOOK LIST

Burberry, Peter Mitchell's Building Series: Environment and Services, Addison Wesley Longman Ltd., Harlow, England, 1997, ISBN 0-582-24521-4

Ching, Francis D.K. Building Construction Illustrated , Van Nostrand Reinhold, New

Adams, Cassandra York, 1991.

Ching, Francis D. K. A Visual Dictionary of Architecture , John Willey & Sons, Inc.,1997.

Ching, Francis D. K. Building Codes Illustrated, , John Willey & Sons, Inc., 2003.

Foster, Jack Stroud Mitchell's Building Series : Structure & Fabric Part 1, Pearson Education Limited Longman, Harlow, England, 2000, ISBN 0-582-40447-9

Foster, Jack Stroud & Mitchell's Building Series : Structure & Fabric part 2, Pearson Education Limited, Harlow, Harrington, Raymond Longman England, 2000, ISBN 0-582-40520-3

Hasol, Doğan Dictionary, Architecture + Building English-French-Turkish, Yapı Endüstri Merkezi Yayınları, İstanbul, 1993.

(More books will be announced during the lectures)