

COURSE RECORD

Code	ARCH 250
Name	Professional Practice on Site
Hour per week	0 (0 Theory +1 Practice)
Credit	2
ECTS	2
Level/Year	Undergraduate
Semester	After 4 th Semester
Type	Compulsory
Location	Construction Sites
Prerequisites	ARCH 122 Materials & Behaviors, ARCH 221 Elements & Components 1
Special Conditions	The students must get the necessary approvals from the Department of Architecture and The Dean's Office of the Faculty of Architecture before starting the professional practice according to the announced schedule.
Coordinator(s)	Buket Metin, Ayşegül Kızılcık, İlinur Can
Webpage	ww.canvas.agu.edu.tr
Content	The Professional Practice on Site aims to provide internship experience at a construction site to understand the roles/responsibilities of an architect during the construction process. It can be carried out in a construction or restoration site, which employs at least one specialist architect or national/international excavation and surface research projects recognized by the Ministry of Culture and Tourism of Republic of Turkey employing at least one specialist architect. Within the scope of the construction site internship, following the phases of the building construction, drawing as-built projects and conducting survey measurements and drawings, survey studies, quantity surveys, construction project/detail design revisions can be performed under the supervision of the responsible architect of the site.
Objectives	<p>01. Recognizing the current construction practices to improve professional capacity and abilities.</p> <p>02. Using architectural design knowledge in a construction site.</p> <p>03. Examining the requirements of the construction project by focusing on construction management abilities.</p> <p>04. Relating the roles of the project owner, contractor, and subcontractor.</p>
Learning Outcomes	<p>LO1. To recognize the characteristics of the construction sites for improving professional capacity and abilities.</p> <p>LO2. To implement the architectural design knowledge to the construction site.</p> <p>LO3. To execute construction management practices.</p> <p>LO4. To examine the relationship between different shareholders of the construction practice.</p>
Requirements	<ul style="list-style-type: none"> ▪ The internship report defining daily activities ▪ Evaluation form provided by the internship supervisor ▪ An oral presentation to share the internship experience ▪ Minimum 30 workdays ▪ 40 - 48 hours per week ▪ Gaining experience on a minimum of 3 main items listed in the work list
Reading List	<p>Allen, E., Iano, J. (1990). <i>Fundamentals of Building Construction, Materials and Methods</i>. Canada: John Wiley and Sons.</p> <p>Ching, F. D. K., Adams, C. (2008). <i>Building Construction Illustrated</i>. New Jersey: John Wiley & Sons.</p> <p>Chudley, R. (2011). <i>Construction Technology</i>. Heinemann Educational Books.</p> <p>Emmitt, S., Gorse, C.A. (2014). <i>Barry's Introduction to Construction of Buildings</i>. Wiley-Blackwell.</p> <p>Emmitt, S., Gorse, C.A. (2014). <i>Barry's Advanced Construction of Buildings</i>. Wiley-Blackwell.</p> <p>Fleming, E. (2005). <i>Construction Technology - An Illustrated Introduction</i>. Blackwell Pub.</p> <p>Harris, F. (2013). <i>Modern Construction Management</i>. Wiley-Blackwell.</p>

Ethical Rules and Course Policy	<ul style="list-style-type: none"> ▪ Students are expected to attend all construction or excavation processes assigned by the professional practice supervisor. ▪ Students have to follow the rules of the construction site and occupational health and safety regulations. ▪ Students have to inform the Professional Practice coordinators under any case of problem-related to the professional practice process. ▪ If the student misses two or more working days, the Professional Practice Coordinator will be notified, and missing days will be compensated. ▪ The works produced and followed in the internship must be included in the internship report. ▪ Students must use drawings, photographs, and sketches in the internship report to reflect their experiences. ▪ Students must use a formal language in their internship reports. ▪ Students must submit both the hardcopy and digital versions of reports, posters, and presentations.
---------------------------------	--

LEARNING ACTIVITIES

Activities	Number	Weight (%)
Report	1	70%
Oral Presentation	1	30%
Total		100

ASSESSMENT

Evaluation Criteria	Weight (%)	
Report	70%	
Oral Presentation	30%	
Total		100%

For a detailed description of grading policy and scale, please refer to the website <https://goo.gl/HbPM2y> section 28.

COURSE LOAD

Activity	Duration (hour)	Quantity	Work Load (hour)
Report Writing	1	30	30
Oral Presentation	1	20	20
Discussion	1	2	2
General Sum			52

ECTS: 2 (Work Load/25-30)

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	P013	P014
LO1	5	3	4	3	5	3	5	3	5	5	4	5	5	0
LO2	5	5	5	3	5	5	5	4	5	5	4	4	5	0
LO3	4	4	4	5	5	4	3	4	5	5	4	5	5	0
LO4	3	4	3	5	5	4	3	4	5	5	4	5	5	0

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

WEEKLY SCHEDULE

W	Topic	Outcomes
1	Construction Site Experience Activity: Lecture & Discussion	L01, L02, L03, L04
2	Construction Site Experience Activity: Poster Presentation	L01, L02, L03, L04
3	Construction Site Experience Activity: Poster Presentation	L01, L02, L03, L04
4	Construction Site Experience Activity: Oral Presentation	L01, L02, L03, L04
5	Construction Site Experience Activity: Oral Presentation	L01, L02, L03, L04
6	Construction Site Experience Activity: Oral Presentation	L01, L02, L03, L04
7	Spring Break	
8	Construction Site Experience Activity: Oral Presentation	L01, L02, L03, L04
9	Construction Site Experience Activity: Oral Presentation	L01, L02, L03, L04
10	Construction Site Experience Activity: Oral Presentation	L01, L02, L03, L04
11	Construction Site Experience Activity: Oral Presentation	L01, L02, L03, L04
12	Construction Site Experience Activity: Oral Presentation	L01, L02, L03, L04
13	Construction Site Experience Activity: Oral Presentation	L01, L02, L03, L04
14	Construction Site Experience Activity: Oral Presentation	L01, L02, L03, L04
15	Construction Site Experience Activity: Oral Presentation	L01, L02, L03, L04

Prepared by Buket Metin, Ayşegül Kızılcık, İlinur Can
Date: 05.04.2021