

CAPSULE RECORD

Code	EE 400
Name	Workplace Experience
Hour per week	5
Credit	3
ECTS	28
Level/Year	Undergraduate/ 4
Semester	Fall-Spring
Type	Common
Prerequisites	None
Description	This course provides an opportunity for the students to gain workplace experience by spending an entire semester at a company. The students are supposed to engage in engineering design and applications as well as project development/management works and industrial innovation studies ongoing at companies. The weekly activities must be regularly reported to the supervisors in the company and the department.

Objectives	<ul style="list-style-type: none"> • Making the students gain workplace experience by spending an entire semester at a company. • Providing an environment for the students to engage in engineering design and applications as well as project development/management works and industrial innovation studies ongoing at companies. • Teaching engineering standards, engineering ethics, and engineering law to the students.
------------	---

Learning Outcomes	<p><i>By the end of the course, the student will be able to</i></p> <p>LO1. Identify employer's, other employees', and customers' expectations in the workplace.</p> <p>LO2. Identify and solve real-world problems related to electrical-electronics engineering.</p> <p>LO3. Gain experience and vision about career planning.</p> <p>LO4. Acquire self-learning ability in order to propose innovative solutions for engineering problems.</p> <p>LO5. Acquire decision making and problem-solving abilities for engineering problems in teams and solo, particularly under pressure and when the time is limited.</p> <p>LO6. Demonstrate an understanding of engineering standards, engineering ethics, and engineering law.</p>
-------------------	---

CONTRIBUTION TO PROGRAMME OUTCOMES*

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
LO1	2	2	5	2	2	5	5	4	4	0	0	0
LO2	5	5	3	5	5	1	3	3	3	5	3	3
LO3	0	0	0	5	4	4	5	4	1	1	3	3
LO4	5	5	5	1	5	3	1	5	5	5	3	3
LO5	5	5	5	5	5	3	3	1	5	5	5	5
LO6	0	0	3	0	0	5	0	4	1	5	2	2

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

COURSE CONTENT DETAILS

Topic	Outcomes
Workplace Experience	L01, L02, L03, L04, L05, L06
Real World Engineering Problems	L01, L02, L03, L04, L05, L06,
Teamwork	L04, L05
Self-Learning	L04, L05
Engineering Standards, Ethics	L06

DERS BİLGİLERİ

Kodu	EE 400
İsmi	İşyeri Deneyimi
Haftalık Saati	5
Kredi	3
AKTS	28
Seviye/Yıl	Lisans /4
Dönem	Güz-Bahar
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	-
İçerik	Bu ders öğrencilere tüm bir dönemi bir işyerinde geçirerek gerçek hayat deneyimi kazanma fırsatı sunar. Öğrenciler, mühendislik tasarım ve uygulamalarının yanı sıra, firmalarda/kurumlarda devam eden proje geliştirme/yönetim çalışmaları ve endüstriyel inovasyon çalışmaları ile ilgilenirler. Haftalık faaliyetler düzenli olarak şirket ve bölüm danışmanlarına raporlanmalıdır.