COURSE INFORMATION FORM

Faculty	**Faculty of Engineering**	
Program	**B.Sc. in Civil Engineering**	**NA**
	B.Sc. in Computer Engineering	**Required**
	B.Sc. in Electrical-Electronics Engineering	**NA**
	B.Sc. in Industrial Engineering	**NA**
	B.Sc. in Mechanical Engineering	**NA**

Course Code	COMP 200			
Course Title in English	Computer Engineering Practice I			
Course Title in Turkish	Bilgisayar Mühendisliği Stajı I			
Language of Instruction	NA			
Type of Course	Internship/Practice in a company appropriate for computer engineering students as described in the Computer Engineering Internship Regulations			
Level of Course	Undergraduate			
Course Category (by % of Content)	Basic Science	Basic Engineering	Engineering Design	General Education
	0	60	30	10
Semester Offered	Fall			
Contact Hours per Week	Lecture: -	Recitation:	Lab: -	Other: -
Estimated Student Workload	50 hours per semester with required 20 working days of internship in a company			
Number of Credits	2 ECTS			
Grading Mode	Standard Letter Grade			
Pre-requisites	Minimum three semesters of engineering education			
Expected Prior Knowledge	Basic engineering knowledge is expected.			
Co-requisites	None			
Registration Restrictions	Only Undergraduate Students			
Overall Educational Objective	To practice basic science, engineering and design concepts in a company operating in a field related to computer engineering.			
Course Description	This course introduces the applications of the computer engineering concepts by practicing engineering in a company, observing professional working environment of engineers, getting actively involved in the projects of the company.			
Course Description in Turkish	Bu ders bilgisayar mühendisliği kavramlarının pratik uygulamalarına giriş sağlamak amacında olup, bir şirkette mühendislik uygulaması yapmak, mühendislerin profesyonel iş hayatlarını gözlemlemek, şirketin projeleri ile aktif olarak ilgilenmek konularını içerir.			
Course Learning Outcomes and Competences	Upon successful completion of the course, the learner is expected to: 1. describe a computer engineering activity, its performance indicators and point out problematic issues based on an analysis of related data/information; 2. describe, explain and evaluate composition, organization, and performance of a team; 3. explain professional and ethical responsibilities of engineers; 4. organize and deliver effective written, virtual, and graphical communication in a self-contained report; 5. explain impacts of computer engineering solutions/activity in a global, economic, environmental, and societal context; 6. identify and explain additional knowledge, skills, and attitudes that would be appropriate for professional practice as a sign of recognition of need for and an ability to engage in lifelong learning; 7. analyze contemporary issues related to the future of the industry (selected problem/process/system).			

Relationship of the Course with the Student Outcomes	Level	Learning Outcome(s)	Assessed by
Student Outcomes	N=None S=Supportive H=High		Exam, Project, HW, Experiment, Presentation, etc.
(1) an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics	S	1	Internship Report, Company Survey
(2) an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors			
(3) an ability to communicate effectively with a range of audiences	H	4	Internship Report, Company Survey
(4) an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts	H	3,5,7	Internship Report, Company Survey
(5) an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives	S	2	Internship Report, Company Survey
(6) an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions			
(7) an ability to acquire and apply new knowledge as needed, using appropriate learning strategies	S	6	Internship Report, Company Survey

Prepared by and Date	Doç. Dr. Şuayb Ş. Arslan / Sept. 2019	
Semester	Fall 2019-2020	
Name of Instructor	Assoc. Prof. İlker Bekmezci	
Course Contents	Week	Topic
	1.	Students write their report
	2.	Draft Submission due
	3.	Draft Evaluation
	4.	Draft Evaluation
	5.	Draft Evaluation
	6.	Students receive feedback on report – pass / resubmit
	7.	Students re-write their report
	8.	Students re-write their report
	9.	Students re-write their report
	10.	Students re-write their report
	11.	Resubmission due
	12.	Evaluation
	13.	Evaluation
	14.	Evaluation
	15.	Evaluation
	16.	Letter grade assessment
Required/Recommended Readings	MEF University Engineering Faculty and Computer Engineering Program Internship Regulations	
Teaching Methods	-	

Homework and Projects	-
Laboratory Work	-
Computer Use	Report writing
Other Activities	
Assessment Methods	Type of Assessments Number Ratio (%) Internship Report 1 70 % (Presentation and Oral Exam: if required) Company Evaluation 1 30 % ---------- Total 100 %
Course Administration	Instructor's office and phone number, office hours, email address: To be announced -Office: 5th Floor, -Phone number: 0 212 395 3626 - Email address: gokmenm@mef.edu.tr **Internship Regulations:** Engineering Faculty and Computer Engineering Program Internship Regulations. Available on the Blackboard and MEF University website **Internship Report Rules:** Report should be written in English in the format required by the Faculty of Engineering. Report template available on the Blackboard. **Company Evaluation:** Student is responsible to bring company evaluation survey. It should be filled out and sealed by the responsible person in the company; and delivered to MEF University in the closed envelope. **Academic integrity:** All students of MEF University are expected to be honest and comply with academic integrity. Students are expected to do their own work and neither give nor receive unauthorized assistance. Disciplinary action will be taken in case of suspicion.

ECTS Student Workload Estimation

Activity	No/Weeks	Hours			Calculation	Explanation
	No/Weeks per Semester (A)	Preparing for the Activity (B)	Spent in the Activity Itself (C)	Completing the Activity Requirements (D)		
Lecture/Flipped Classroom					0	A*(B+C+D)
Quizzes					0	A*(B+C+D)
Midterm(s)					0	A*(B+C+D)
Internship Report	4	2.5	180	10	50	A*(B+D)
Final Examination					0	A*(B+C+D)
Total Workload					50	
Total Workload/25					2	
ECTS					**2**	