

## 1. Course Description

COURSE DESCRIPTION FORM				
Course Code and Title	KM300 SUMMER PRACTICE II			
Course Semester	7			
Catalog Description (Content) of the Course	A practical training is carried out in a plant that Chemical Engineering applications are included. A report containing the mass and energy balances established on any equipment have to be submitted.			
Main Textbook	Library facilities			
Supporting Textbooks	Contacts with experts and institutions			
Course Credit (ECTS)	2			
Prerequisites of the Course (Compulsory attendance should be indicated here.)	There is no prerequisite or co-requisite for this course.			
Type of the Course	Compulsory			
Instruction Language of the Course	Turkish			
Object and Target of the Course	Internship from raw material to the institution to learn from the steps of the manufacturing process. • Establishment of material and energy balance for selected / designated unit			
Learning Outcomes of the Course	<ul style="list-style-type: none"> <li>• Adequate knowledge in mathematics, science and engineering subjects pertaining to the relevant discipline; ability to use theoretical and applied information in these areas to model and solve engineering problems.</li> <li>• Ability to identify, formulate, and solve complex engineering problems; ability to select and apply proper analysis and modeling methods for this purpose.</li> <li>• Ability to work efficiently in intra-disciplinary teams.</li> <li>• Ability to work efficiently in multi-disciplinary teams.</li> <li>• Ability to work individually.</li> <li>• Ability to communicate effectively in Turkish, both orally and in writing; knowledge of a minimum of one foreign language</li> <li>• Awareness of professional and ethical responsibility.</li> <li>• Information about business life practices such as project management, risk management, and change management.</li> <li>• Information about awareness of entrepreneurship, innovation, and sustainable development.</li> <li>• Knowledge about awareness of the legal consequences of engineering solutions.</li> </ul>			
Mode of Delivery	The mode of delivery of this course is Face toface			
Weekly Schedule of the Course	1-14 Week: <a href="http://www.mf.gazi.edu.tr/km/staj.html">http://www.mf.gazi.edu.tr/km/staj.html</a>			
Educative Activities (Credit will be determined based on the time given for these activities. Should be filled carefully.)	Practising Hours of Course Per Week Preparing Reports			
Assessment Criteria		Quantity	Total Contribution (%)	
	Midterm	0	0	

	Homework	0	0				
	Assignment	1	50				
	Projects	0	0				
	Practice	1	50				
	Quiz	0	0				
	Contribution of In-term Studies to Overall Grade		100				
	Contribution of Final Examination to Overall Grade		0				
	Attendance						
Workload of the Course	Activity	Total Week Count	Weekly Duration (in hour)	Total Workload in Semester			
	Theoretical Study Hours of Course Per Week	0	0	0			
	Practicing Hours of Course Per Week	4	10	40			
	Reading	0	0	0			
	Searching in Internet and Library	0	0	0			
	Designing and Applying Materials	0	0	0			
	Preparing Reports	2	5	10			
	Preparing Presentation	0	0	0			
	Presentation	0	0	0			
	Mid-Term and Studying for Mid-Term	0	0	0			
	Final and Studying for Final	0	0	0			
	Other	0	0	0			
	Total work load			50			
	Total work load/25			2			
	ECTS of the course			2			
	Course's Contribution To Program	Number	Program Outcomes	1	2	3	4
1		Adequate knowledge in mathematics, science and engineering subjects pertaining to the relevant discipline; ability to use theoretical and applied information in these areas to model and solve engineering problems.					X
2		Ability to identify, formulate, and solve complex engineering problems; ability to select and apply proper analysis and modeling methods for this purpose.				X	
3		Ability to design a complex system, process, device or product under realistic constraints and conditions, in such a way as to meet the desired result; ability to apply modern design methods for this purpose.			X		
4		Ability to devise, select, and use modern techniques and tools needed for engineering practice; ability to employ information technologies effectively.			X		
5		Ability to design and conduct experiments, gather data, analyze and		X			

		interpret results for investigating engineering problems.					
	6	Ability to work efficiently in intra-disciplinary teams.					X
	7	Ability to work efficiently in multi-disciplinary teams.		X			
	8	Ability to work individually.				X	
	9	Ability to communicate effectively in Turkish, both orally and in writing; knowledge of a minimum of one foreign language.				X	
	10	Prepare design and production reports, give and receive clear and intelligible instructions.		X			
	11	Recognition of the need for lifelong learning; ability to access information, to follow developments in science and technology, and to continue to educate him/herself.			X		
	12	Awareness of professional and ethical responsibility.					X
	13	Information about business life practices such as project management, risk management, and change management.				X	
	14	Information about awareness of entrepreneurship, innovation, and sustainable development.				X	
	15	Knowledge about contemporary issues and the global and societal effects of engineering practices on health, environment, and safety.			X		
	16	Knowledge about awareness of the legal consequences of engineering solutions.	X				
	17	Knowledge on standards used in engineering practice.					X
<b>Name of Lecturer(s) and Contact Information</b>		Chemical Engineering Department, Commission of Industry Relationship and Practical Training					