1. Course Description

COURSE DESCRIPTION FORM	
Course Code and Title	CHE461 PLANT ORGANIZATION
Course Semester	7
Catalog Description (Content) of the Course	General information about a factory establishment. Plant layout. Material handling. Work audit and planning. Quality control. Financial management. Wage and salary administration.
Main Textbook	Amrine, H.T., Ritchey, J.A., Hulley, O.S., "Manufacturing Organization and Management" Prentice-Hall, 1992.
Supporting Textbooks	• Özkan, N., "Fabrika Organizasyonu ve Yönetimi", Seçkin Yayıncılık, 2015. • Karayalçın, İ., "Fabrika Organizayonu" Çağlayan Kitabevi, 1984. • Aksöz, İ., "Fabrika Organizasyonu ve Yönetimi" Ege Üniversitesi Basımevi, 1987.
Course Credit (ECTS)	4
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	English
Object and Target of the Course	To inform the students about the technical, economic, social and financial factors that are effective in the establishment and operation of a plant.
Learning Outcomes of the Course	Decisions about the planning, organization and management in the working life of the graduates are more optimal and rational in their decisions and applications.
Mode of Delivery	The mode of delivery of this course is Face to face
Weekly Schedule of the Course	1. Week — General information about factory establishment 2. Week — General information about factory establishment 3. Week — Placement and arrangement of factories 4. Week — Placement and arrangement of factories 5. Week — Material handling 6. Week — Material handling 7. Week — MIDTERM I 8. Week — Project survey and planning 9. Week — Project survey and planning 10. Week — Quality Control 11. Week — II. ARASINAV 12. Week — Budgeting and cost 13. Week — Wage management

	14. Week Wage management
Educative Activities *(Credit will be determined based on the time given for these activities. Should be filled carefully.)*	Theoretical Study Hours of Course Per Week Practising Hours of Course Per Week Reading Searching in Internet and Library Designing and Applying Materials Preparing Reports Preparing Presentation Presentation Mid-Term and Studying for Mid-Term Final and Studying for Final

Assessment Criteria

	Quantity	Total Contribution (%)
Midterm	2	60
Homework		
Assignment		
Projects		
Practice		
Quiz		
Contribution of In-term Studies to Overall Grade		60
Contribution of Final Examination to Overall Grade		40
Attendance		

Workload of the Course

Activity	Total Week Count	Weekly Duration (in hour)	Total Workload in Semester
Theoretical Study Hours of Course Per Week	14	3	42
Practicing Hours of Course Per Week			0
Reading	10	1	10
Searching in Internet and Library	12	1	12
Designing and Applying Materials			0
Preparing Reports			0
Preparing Presentation			0
Presentation			0
Mid-Term and Studying for Mid-Term	2	8	16
Final and Studying for Final	1	8	8
Other			0
Total work load			88
Total work load/25			3.52
ECTS of the course			4

Course's Contribution To Program

Number	Program Outcomes	1	2	3	4	5
1	Adequate knowledge in mathematic ertaining to the relevant discipline; nformation in these areas to model			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 interpret results for investigating engineering problems.	X				
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/English, both orally and in writing; Ability to write effective reports and comprehend written reports, make effective presentations,			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					X

		societal effects of engineering practices on health, environment, and safety.					
	16	Knowledge about awareness of the legal consequences of engineering solutions.	X				
	17	Knowledge on standards used in engineering practice.	X				
Name of Lecturer(s) and Contact Ιnformation	1. Name-Surname of Lecturers E-mail address 2. 3.						