

FACTORY ORGANIZATION

1	Course Title:	FACTORY ORGANIZATION	
2	Course Code:	BSM4823-S	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	7	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	No	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. Halil Ünal	
15	Course Lecturers:	Yok	
16	Contact information of the Course Coordinator:	Prof. Dr. Halil ÜNAL e-posta : hunal@uludag.edu.tr Telefon: 0 224 2941607 Adres: Bursa Uludağ Üniversitesi, Ziraat Fakültesi, Biyosistem Mühendisliği Bölümü, Görükle Kampüsü, 16059, Nilüfer/BURSA	
17	Website:		
18	Objective of the Course:	The aim of the this course is to have consciousness of quality in production and administration, ability to follow and apply contemporary knowledge for a continuous development and spirit of innovation and entrepreneurship. In addition to be productive in fabric fields, to comprehend the necessity of lifelong learning, to have the ability of following recent developments and renewal.	
19	Contribution of the Course to Professional Development:	The student learns about the factory organizations and productivity studies of the agricultural machinery manufacturing sector and other agricultural and machinery enterprises.	
20	Learning Outcomes:		
		1	Acquire up-to-date information on a specific area with a systematic approach, managing high- level experience in fabric fields, skills and research
		2	Gain skill to have creative and critical thinking, problem solving and decision making in fabric fields, such as using high-level mental processes, develop new ideas and methods.
		3	Learn the concepts of quality and continuous improvement.
		4	Gain information about feasibility studies and setting up the factory.
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21	Course Content:		

	Course Content:			
Week	Theoretical	Practice		
1	The foundation studies, preliminary studies, feasibility studies, economic and technical studies, financial studies of agricultural machinery factories			
2	The foundation studies, preliminary studies, feasibility studies, economic and technical studies, financial studies of agricultural machinery factories			
3	The factory layout of settlement, the classical order types, the comparison of order types, factory layout stages, the last evaluation of the settlement.			
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5	Management and administration functions, work-study			
6	Management and administration functions, work-study			
7	Quality control. Maintenance, maintenance types, maintenance planning, the relationship between production and maintenance work			
8	Repeating courses and midterm exam			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical				
11	Productivity of human work force	14	2.00	28.00
Practicals/Labs		0	0.00	0.00
12	Human factors in the application of work	14	1.00	14.00
Homeworks		1	14.00	14.00
14	Study of selection and measurement of work	14	1.00	14.00
Field Studies		0	0.00	0.00
16	Working conditions and environment	14	1.00	14.00
Midterm Exams		0	0.00	0.00
22	Textbooks, References and/or Other Materials:	1	2.00	2.00
Others		14	1.00	14.00
Final Exams		1	2.00	2.00
Total Work Load				90.00
Total work load/ 30 hr		3		21.00
ECTS Credit of the Course				3.00
		4.“Fabrika Organizasyonu” (2. Baskı), (İ. Karayalçın), Çağlayan Kitabevi, İstanbul. 5.“Manufacturing Organization and Management” (Amrine, H.T., Ritchey, J.A., Hulley, O.S.) Prentice-Hall, 1992. 6.“Fabrika Organizasyonu ve Yönetimi” (Aksöz, İ.) Ege Üniversitesi Basımevi, 1987.		
23	Assesment			
TERM LEARNING ACTIVITIES		NUMBER	WEIGHT	
Midterm Exam		1	20.00	
Quiz		0	0.00	
Home work-project		1	20.00	

Final Exam	1	60.00
Total	3	100.00
Contribution of Term (Year) Learning Activities to Success Grade	40.00	
Contribution of Final Exam to Success Grade	60.00	
Total	100.00	
Measurement and Evaluation Techniques Used in the Course	Measurement and evaluation is carried out according to the principles of Bursa uludag University Associate and Undergraduate Education Regulation.	

24 ECTS / WORK LOAD TABLE

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	3	2	2	4	2	4	5	2	4	5	5	5	0	0	0	0
ÖK2	3	3	2	4	2	4	5	2	5	5	5	5	0	0	0	0
ÖK3	3	2	2	4	3	3	4	3	4	4	4	5	0	0	0	0
ÖK4	3	3	2	4	3	4	4	3	5	5	4	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							