INDUSTRIAL STEEL STRUCTURES											
1	Course Title:	INDUST	RIAL STEEL STRUCTURES								
2	Course Code:	INS5044									
3	Type of Course:	Optional									
4	Level of Course:	Third Cy	cle								
5	Year of Study:	1									
6	Semester:	2									
7	ECTS Credits Allocated:	6.00									
8	Theoretical (hour/week):	3.00									
9	Practice (hour/week):	0.00									
10	Laboratory (hour/week):	0									
11	Prerequisites:	None									
12	Language:	Turkish									
13	Mode of Delivery:	Face to f	ace								
14	Course Coordinator:	Prof. Dr.	HAKAN TACETTİN TÜRKER								
15	Course Lecturers:	Hakan T	Türker								
16	Contact information of the Course Coordinator:	hakanttu	rker@uludag.edu.tr								
17	Website:										
18	Objective of the Course:	To teach the special steel constructions and the connections of industrial steel structures.									
19	Contribution of the Course to Professional Development:	This course provides to learn the design of special steel structure constructions belonging to industrial steel structures, the design of joints used in industrial steel structures, and stability analysis in industrial steel structures.									
20	Learning Outcomes:										
		1	able to design special constructions of industrial steel structures.								
		2	able to design connections used in industrial steel structures.								
		3	able to check stability of industrial steel structures.								
		4									
		5									
		6									
		7									
		8									
		9									
		10									
21	Course Content:										
	Course Content:										
	Theoretical		Practice								
1	Moment resisting beam-to-column connections of steel frames: Welded connections without plate.										
2	Applications										
3	Moment resisting beam-to-column connections: Welded connections wi horizantal plate	th									

4	App	lication	ons															
5		eel Industrial Structures: General ormation and static system.																
6		eel Industrial Structures: General ormation and static system.																
7	build		, indu			d in Inc ires for												
8						s used I codes		lustria	ıl									
9		Crane rails and beams- fundemantals of static system and construction.																
10	syst	Steel frames: General information, static system and calculation methods, stability checks.																
11	syst	Steel frames: General information, static system and calculation methods, stability checks.																
12		Construction and calculation methods of R beams (applications)																
13		Construction and calculation methods of Castellated beams																
14		Construction and calculation methods of Castellated beams																
22	Text	tbook	s, Re	ferenc	es an	d/or O	ther		T.0	C. Çev	re ve Ş	Sehircili	k Bakar	nlığı, Ç	elik Yap	oıların Ta	asarım	
Activit	Activites							1	Number				Duration (hour)			Total Work Load (hour)		
Theore	Theoretical								Le,	Learning, 2017 Jack C. McCormac, Stephen F. Cs				Csei	42.00 ernak, Structural Steel			
Practic										0				0.00 0.00				
Se 3stu	dysa	nsmpf	ebera	ition					(0			0.00			0.00		
Homew	vorks								(0						0.00		
Misiest							1		40	40.00			0.00			0.00		
Field S									(0			0.00			0.00		
Midtern		ms proje	ect				С			0.00			70.00			70.00		
Others										0			0.00				0.00	
Final E Total W							2		10	100.00			70.00)	\rightarrow	70.00 252.00		
Sotades																6.07		
				urse												6.00		
Total	ECTS Credit of the Course Total									0.00								
Measurement and Evaluation Techniques Used in the Course																		
24	EC	TS/	WOI	RK L	OAD	TAB	LE											
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																	
		PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16	
ÖK1		3	4	5	4	3	0	0	0	0	0	0	0	0	0	0	0	
ÖK2		3	4	5	4	3	0	0	0	0	0	0	0	0	0	0	0	

ÖK3	3	5	4	4	3	0	0	0	0	0	0	0	0	0	0	0
Contrib ution Level:	ution					1	s P Medi			m Qu 4 Higl		tions		y High		