INDUSTRIAL STEEL STRUCTURES										
1	Course Title:	INDUST	RIAL STEEL STRUCTURES							
2	Course Code:	INS5044								
3	Type of Course:	Optional								
4	Level of Course:	Second	Cycle							
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:	hakantturker@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:									
VVeek	I neoretical		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 wit horizantal plate	th								

4	Applic	ations																
5	Steel I inform	ndustria ation ai	al Struc nd stati	ctures c syst	: Gene æm.	ral												
6	Steel I inform	ndustria ation ai	al Struc nd stati	ctures c syst	: Gene æm.	ral												
7	Structu buildin purpos	ıral cor gs, ind es.	nponer ustrial s	nt use structu	d in Inc ures for	lustria spec	l ial											
8	Additic buildin	nal roc gs; Cra	of comp ines: R	onent elated	ts used l codes	in Inc	lustria	I										
9	Crane static s	rails ar system	nd bear and co	ns- fu Instruc	ndema ction.	ntals	of											
10	Steel f systen checks	ames: and c	Gener alculati	al info on me	ermation ethods,	n, stat stabil	ic ity											
11	Steel f systen checks	ames: and c	Gener alculati	al info on me	ermation ethods,	n, stat stabil	ic ity											
12	Constr beams	uction (applic	and ca cations	lculati)	on met	hods	of R											
13	Constr Castel	uction ated b	and ca eams	lculati	on met	hods	of											
14	Construction and calculation methods of Castellated beams																	
22	Textbo	oks, R	eferend	ces ar	nd/or O	ther		T.(C. Çev	re ve Ş	Sehircilil	k Bakar	nlığı, Ç	elik Ya	pıların Ta	asarım		
Activites							1	Number				ation (Total Work Load (hour)					
Theore	Theoretical								Learning, 2017 Jack C. McCormac. Stephen F. Csernak, Struc						42.00	Steel		
Practicals/Labs								(0				0.00 0.00					
S 23 study S and propertion									0				0.00			0.00		
Homew	Homeworks								0				0.00			0.00		
Rialect	ern Exam 1								40.00						0.00			
Field S	ald Studies									0					0.00			
Midtern	erm exams									0.00					70.00			
Others	ers								0						0.00			
Finai E	Final Exams 2									100.00					70.00			
Total Work Load															252.00			
Sutateson& teale/ 30 hr								Щ							6.07			
ECTS Credit of the Course															6.00			
Total									100.00									
Measur Course	rement	and Ev	aluatio	n Tec	hnique	s Use	d in th	e Ex	am									
24	ECTS	; / WC	ORK L	OAD) TAB	LE												
25			CON	TRIE	BUTIC	N O	F LEA	ARN Qua	ING LIFIC	OUTC ATIO	COME: NS	S TO I	PROC	GRAM	ME			
	PC	1 PQ2	2 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
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:				2 low			3 Medium			4 High			5 Very High			