

# STEEL CONSTRUCTION

1	Course Title:	STEEL CONSTRUCTION	
2	Course Code:	INTS213	
3	Type of Course:	Optional	
4	Level of Course:	Short Cycle	
5	Year of Study:	2	
6	Semester:	3	
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:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr.Gör. ENGİN KALAY	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	Öğr. Gör. Engin KALAY enginkalay@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	Student apply the design principles of the steel structure with this course.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Knowing to definition of steel construction.
		2	Understanding to steel construction systems.
		3	Understanding to benefit of steel construction systems.
		4	Recognizing steel construction materials.
		5	Defining to features of Rivet which is steel construction joining materials
		6	Defining to features of Rivet which is steel construction joining materials.
		7	Defining to features of union nuts and bolt which is steel construction joining materials.
		8	Defining to features of welding which is steel construction joining materials.
		9	Design of connection points in steel construction.
		10	Design of tension and compression members in steel construction.
21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Junction points in Steel Structures		
2	Junction points in Steel Structures		
3	Junction points in Steel Structures		
4	Junction points in Steel Structures		

<b>5</b>	The steel structure Point Details	
<b>6</b>	The steel structure Point Details	
<b>7</b>	The steel structure Point Details	
<b>8</b>	Repeating courses and midterm exam	
<b>9</b>	Tensile Bar in Steel Structures	
<b>10</b>	Tensile Bar in Steel Structures	
<b>11</b>	Tensile Bar in Steel Structures	
<b>12</b>	Pressure Bar in Steel Structures	
<b>13</b>	Pressure Bar in Steel Structures	
<b>14</b>	Pressure Bar in Steel Structures	

<b>22</b>	Textbooks, References and/or Other Materials:	
<b>23</b>	Assesment	

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	25.00
Quiz	0	0.00
Home work-project	1	15.00
Final Exam	1	60.00
Total	3	100.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preparation	0	0.00	0.00
Homeworks	1	8.00	8.00
Projects	0	0.00	0.00
Field Studies	5	1.00	5.00
Midterm exams	1	15.00	15.00
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Total Work Load			90.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

[illegible]

ÖK5	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK9	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK10	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			