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. BİLAL BİNGÖLBALİ
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.
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:	Ability to use, select and manage related systems effectively throughout business life.
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:	

Course Content:

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	

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

22	Textbooks, References and/or Other Materials:	
23	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 preperation	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

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	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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**