STATICS								
1	Course Title:	STATICS						
2	Course Code:	INS1012						
3	Type of Course:	Compulsory						
4	Level of Course:	First Cycle						
5	Year of Study:	1						
6	Semester:	2						
7	ECTS Credits Allocated:	4.00						
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 face						
14	Course Coordinator:	Prof. Dr.	BABÜR DELİKTAŞ					
15	Course Lecturers:	Prof. Dr.	Babür Deliktaş					
16	Contact information of the Course Coordinator:	bdeliktas@uludag.edu.tr 224 2900744 Bursa Uludağ Univ. Müh. Fak. İnşaat Müh. Böl. Görükle, Bursa						
17	Website:	http://insaat.uludag.edu.tr						
18	Objective of the Course:	To provide the theory of engineering mechanics of rigid body in details with its applications.						
19	Contribution of the Course to Professional Development:	1 Be able to describe the definition, main branches, fundamental terms, historical development and application fields of the theory of engineering mechanics, both orally and in writing 2 Be able to explain Newton Laws of Motions, the basics rules, assumptions and limitations of the theory of engineering mechanics, both orally and in writing 3 Be able to express the force systems by using oral, writing and technical drawing skills 4 Be able to model the force systems by using simple, drawings or modern computer technology 5 Be able to analyze the force systems by using the knowledge of physics, mathematics and theory engineering mechanics along with the use of computer technology 6 Be able to establish reasonable and consistent links among real physical system, model, theory, equations, analysis and results 7 Be able to design of the new engineering system or to be able to control and judge the existing one						
20	Learning Outcomes:							
		1	Be able to describe the definition, main branches, fundamental terms, historical development and application fields of the theory of engineering mechanics, both orally and in writing					
		2	Be able to explain Newton Laws of Motions, the basics rules, assumptions and limitations of the theory of engineering mechanics, both orally and in writing					
		3	Be able to express the force systems by using oral, writing and technical drawing skills					
		Be able to model the force systems by using simple, drawings or modern computer technology						

		5	Be able to analyze the force systems by using the knowledge of physics, mathematics and theory engineering mechanics along with the use of computer technology							
		6	Be able to establish reasonable and consistent links among real physical system, model, theory, equations, analysis and results							
		7	Be able to design of the new engineering system or to be able to control and judge the existing one							
		8	,							
		9								
		10								
21	Course Content:  Course Content:									
Week	Theoretical	Co	1							
1	Introduction		Practice							
2	Vectors and Vector Arithmetic									
3	Vectors and Vector Arithmetic									
4	Forces Systems									
5	Forces Systems									
6	Equilibrium of Particles									
7	Canter of Mass, Centroids and Distri	buted								
Activit			Number	Duration (hour)	Total Work Load (hour)					
Th <b>le0</b> re	Equilibrium of Rigid Bodies		14	3.00	42.00					
Practic	als/Labs		0	0.00	0.00					
Selfstu	dyalkaisreperation and Machines		14	56.00						
Цене				4 4.00						
Homew			4	4.00	16.00					
	vorks Analysis of Flexiable Cables- Friction	1	4 2	4.00	8.00					
Profect Field S	Analysis of Flexiable Cables- Friction tudies	1	0	4.00 0.00	8.00 0.00					
Profect Field S Midterr	Analysis of Flexiable Cables- Friction tudies  Mexternials:	1	0 Mehmet Bakioğlu, Birse	4.00 0.00 8 <b>XX</b> (2006	8.00 0.00 3.00					
Profect Field S Midterr Others	Analysis of Flexiable Cables- Friction tudies  Nexternals:	n	0 Mehmet Bakioğlu, Birse 0	4.00 0.00 8.00yınevi,2006 0.00	8.00 0.00 3.00 0.00					
Profect Field S Midterr Others Final E	Analysis of Flexiable Cables- Friction tudies  Mexicanisis:	n	0 Mehmet Bakioğlu, Birse	4.00 0.00 8.00yınevi,2006 0.00	8.00 0.00 3.00 0.00 2090					
Profect Field S Midterr Others Final E Total W	Analysis of Flexiable Cables- Friction tudies  Mexicanials:  kams  Vork Load	1	0 Mehmet Bakioğlu, Birse 0 Mehmet Hakki Omurtag	4.00 0.00 8.00yınevi,2006 0.00	8.00 0.00 3.00 0.00 200 130.00					
Profect Field S Midterr Others Final E Total W Total w	Analysis of Flexiable Cables- Friction tudies  Maxemis Is:  kams  Vork Load  ork load/ 30 hr	1	0 Mehmet Bakioğlu, Birse 0	4.00 0.00 8.00yınevi,2006 0.00	8.00 0.00 3.00 0.00 0.00 0.00 130.00 4.23					
Profect Field S Midterr Others Final E Total W Total w	Analysis of Flexiable Cables- Friction tudies  Mexicanials:  kams  Vork Load		0 Mehmet Bakioğlu, Birse 0 Mehmet Hakki Omurtag	4.00  0.00  8.00 yınevi,2006  0.00  2.00 sen yayınevi, 2  ley Longman, 1999  ngineers—Statics, 7 d Eisenberg E. R.,	8.00 0.00 3.00 0.00 0.00 130.00 4.23 4.00 th SI Ed., Beer McGraw-Hill,					
Profect Field S Midterr Others Final E Total W Total w	Analysis of Flexiable Cables- Friction tudies  Maxemis Is:  kams  Vork Load  ork load/ 30 hr		0 Mehmet Bakioğlu, Birse 0 Mehmet Hakki Omurtag C., Prentice Hall, 2005. W.Fowler, Addison Wes Vector Mechanics for Er F. P., Johnston E. R. an 2004. Engineering Statics, 3rd	4.00  0.00  8.00 yınevi,2006  0.00  2.00 sen yayınevi, 2  ley Longman, 1999  ngineers—Statics, 7 d Eisenberg E. R.,	8.00 0.00 3.00 0.00 0.00 130.00 4.23 4.00 th SI Ed., Beer McGraw-Hill,					
Profect Field S Midterr Others Final E Total W Total w ECTS	Analysis of Flexiable Cables- Friction tudies  Maximisis:  kams  Vork Load  ork load/ 30 hr  Credit of the Course	NUMBE	0 Mehmet Bakioğlu, Birse 0 Mehmet Hakki Omurtag C., Prentice Hall, 2005. W.Fowler, Addison Wes Vector Mechanics for Er F. P., Johnston E. R. an 2004. Engineering Statics, 3rd	4.00  0.00  8.00 yınevi,2006  0.00  2.00 sen yayınevi, 2  ley Longman, 1999  ngineers—Statics, 7 d Eisenberg E. R.,	8.00 0.00 3.00 0.00 0.00 130.00 4.23 4.00 th SI Ed., Beer McGraw-Hill,					
Profect Field S Midterr Others Final E Total W ECTS 0	Analysis of Flexiable Cables- Friction tudies  Mexicanisis:  kams  Vork Load  ork load/ 30 hr  Credit of the Course  Assesment	NUMBE	0 Mehmet Bakioğlu, Birse 0 Mehmet Hakki Omurtag C., Prentice Hall, 2005. W.Fowler, Addison Wes Vector Mechanics for Er F. P., Johnston E. R. an 2004. Engineering Statics, 3rd John Wiley, 2003.	4.00  0.00  8.00 yınevi,2006  0.00  2.00 sen yayınevi, 2  ley Longman, 1999  ngineers—Statics, 7 d Eisenberg E. R.,	8.00 0.00 3.00 0.00 0.00 130.00 4.23 4.00 th SI Ed., Beer McGraw-Hill,					
Profect Field S Midterr Others Final E Total W ECTS 0	Analysis of Flexiable Cables- Friction tudies  Maximisis:  kams  Vork Load  ork load/ 30 hr  Credit of the Course  Assesment  LEARNING ACTIVITIES	NUMBE R	0 Mehmet Bakioğlu, Birse 0 Mehmet Hakkı Omurtag C., Prentice Hall, 2005. W.Fowler, Addison Wes Vector Mechanics for Er F. P., Johnston E. R. an 2004. Engineering Statics, 3rd John Wiley, 2003.	4.00  0.00  8.00 yınevi,2006  0.00  2.00 sen yayınevi, 2  ley Longman, 1999  ngineers—Statics, 7 d Eisenberg E. R.,	8.00 0.00 3.00 0.00 0.00 130.00 4.23 4.00 th SI Ed., Beer McGraw-Hill,					

Final Exam	1	60.00						
Total	10	100.00						
Contribution of Term (Year) Learning Activities Success Grade	es to	40.00						
Contribution of Final Exam to Success Grade	)	60.00						
Total		100.00						
Measurement and Evaluation Techniques Us Course	sed in the	Midterm and Final Exams						
24 ECTS / WORK LOAD TABLE								

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	4	0	0	3	0	0	2	0	0	0	2	2	0	0	0	0
ÖK2	4	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
ÖK3	5	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	5	0	5	0	2	0	0	0	0	0	0	0	0	0	0	0
ÖK5	5	0	5	0	2	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	3	5	4	0	0	0	0	3	0	0	0	0
ÖK7	0	0	0	2	4	5	4	0	3	0	0	3	0	0	0	0
			LO: L	earr	ning (	Objec	tive	s P	Q: P	rogra	ım Qu	alifica	tions	<u>.                                    </u>		
Contrib ution Level:	ution				3 Medium			4 High			5 Very High					