SHIP TRAFIC MANAGEMENT

1	Course Title:	SHIP TRAFIC MANAGEMENT	
2	Course Code:	DLIS239	
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:	-	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr. Gör. İBRAHİM SAPMAZ	
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.	
16	Contact information of the Course Coordinator:	Uludağ Üniversitesi Gemlik Asım Kocabıyık Meslek Yüksekokulu Deniz ve Liman İşletmeciliği Programı 16600 Gemlik/Bursa Telefon: 0 224 512 3491 E-Posta: emtacar@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	The aim of the course is to teach the basic concepts of probability and statistics, basic probability and introduce the applications in maritime sector, the gains to provide skills in statistical data analysis techniques and applications in maritime sector.	
19	Contribution of the Course to Professional Development:	Can plan ship traffic and docks	
20	Learning Outcomes:		
		1	Use the fundamental elements of statistics
		2	Interpret of distributions using the measures of central tendencies and dispersions
		3	Interpret of distributions using curtosis and skewnessInterpret of distributions using curtosis and skewness
		4	Solve problems using the specifications of the concept of probability
		5	Determine and to solve the problems using the discrete and continuous distributions
		6	Teach the basic concepts of probability and statistics in maritime sektör
		7	
		8	
		9	
		10	
21	Course Content:		
	Course Content:		

Week	Theoretical	Practice
1	Introduction to statistics, statistical meaning of the word, the definition of statistics, the subject of statistics, the history of statistics, the importance of statistics,	
2	Data collection, basic concepts, units, qualifications and stylish, mass, assembly variations, sudden and permanent collections	
3	Classification and grouping, classification, application classification, classification problems, grouping, grouping technique, skilled combination of the series	
4	Charts, diagrams, kartogramlar, stereogramlar, Cartesian coordinate graphs, compound graphs Cartesian, polar graphs, charts the division series,	
5	Averages, the arithmetic mean, harmonic mean, geometric mean is explained and examples.	
6	Rate variations of the same sex ratios of events, composition ratios, indices, ratios of different kind of events, the intensity ratios, rates of descent, rate calculation and interpretation problems, and describes the problems parsed. Indices,	
7	Tail theory, transport model, network model at shipping	
10	Transportation model solution development method and solution method at shipyard	
12	Ports model analysis	
	and scheduling to the request of study	
	and scheduling to the request of application, passenger demand forecasting techniques	
22	Textbooks, References and/or Other	[1] TURANLI, Münevver; GÜRİŞ, Selahattin; AYAYDIN, Adil; ÖZDİL, Tuncer, Temel İstatistik, İzmir, 1999. [3] Bilgiler, Yöntemler ve Uygulamalar, Der Yayınları, 2003, [4] ŞENESEN, Ümit,İstatistik Sayıların Arkasını Anlamak, Literatür Yayıncılık, 2004. Course Notes
23	Assesment	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	3.00	42.00
Homeworks	4	3.00	12.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	2.00	2.00
Others	1	3.00	3.00
Final Exams	1	2.00	2.00
Total Work Load			89.00
Total work load/ 30 hr			2.97
ECTS Credit of the Course			3.00

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00

Contribution of Term (Year) Learning Activities to Success Grade	40.00
Contribution of Final Exam to Success Grade	60.00
Total	100.00
Measurement and Evaluation Techniques Used in the Course	Measurement and evaluation is carried out according to the principles of Bursa uludag University Associate and Undergraduate Education Regulation.

24 ECTS / WORK LOAD TABLE

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	2	0	0	4	0	0	2	0	0	0	0	0	0	0	0	0
ÖK2	2	0	0	3	0	0	3	0	0	0	2	0	0	0	0	0
ÖK3	2	0	0	2	0	0	3	0	0	0	0	0	0	0	0	0
ÖK4	3	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0
ÖK5	3	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0
ÖK6	3	0	0	2	0	0	3	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