

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
AIR CARGO TRANSPORTATION	HVY3214717	Spring Semester	3+0	3	3
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Required				
Course Coordinator	Assist.Prof. Fatih KARAMAN				
Name of Lecturer(s)	Assist.Prof. Fatih KARAMAN				
Assistant(s)					
Aim	To understand all aspects of air cargo transportation, knowing the stages of air cargo from the point of departure to the destination, learning the scope and applications of international air cargo transportation.				
Course Content	This course contains; Introduction to Air Cargo Transportation,Air Cargo Traffic and Capacity,Air Cargo Market,Economic and Technical Regulations,Passenger and Cargo Airlines,Fast Air Cargo Carriers and Air Cargo Organizers,Air Cargo Associations and Mergers,Aircraft and Flight Operations,Airport and Ground Operations,Distribution and Marketing,Air Cargo and Environment,Air Cargo Forecast,Current Issues and Future in Air Cargo,Review and discussion.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
1 - Student will know and explain the general operation of the Air Cargo system			16, 9	A	
1.1 - Student explains the concept and the background of air cargo transportation			16, 9	A	
1.2 - Student knows the classification and differentiation of air cargo operators			16, 9	A	
2 - Student will understand the air cargo process in the transportation system from the departure point till destination			16, 9	A	
2.1 - Student knows the importance of air cargo within the transportation system			16, 9	A	
2.2 - Student explains the classification of different kind of cargo loads			16, 9	A	
3 - Student will importance of air cargo transportation for world trade and commerce			16, 9	A	
3.1 - Student knows the relationships between air cargo transportation and world trade lanes			16, 9	A	
3.2 - Student knows the strength and weaknesses of air cargo transportation			16, 9	A	
4 - Student will know the factors affecting air cargo transportation			16, 9	A	
4.1 - Student knows the positive factors affecting air cargo transportation			16, 9	A	
4.2 - Student explains the negative factors affecting air cargo transportation			16, 9	A	
5 - Student will understand the importance of air express within transportation and cross border e-commerce			16, 9	A	
5.1 - Student explains electronic customs processes and simplified procedures for air express			16, 9	A	
5.2 - Student knows the customs' risk management and trade facilitation functions			16, 9	A	
Teaching Methods	16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequenc e	Topics	Preliminary Preparation			
1	Introduction to Air Cargo Transportation				
2	Air Cargo Traffic and Capacity				
3	Air Cargo Market				
4	Economic and Technical Regulations				
5	Passenger and Cargo Airlines				
6	Fast Air Cargo Carriers and Air Cargo Organizers				
7	Air Cargo Associations and Mergers				
8	Aircraft and Flight Operations				
9	Airport and Ground Operations				
10	Distribution and Marketing				
11	Air Cargo and Environment				
12	Air Cargo Forecast				
13	Current Issues and Future in Air Cargo				
14	Review and discussion				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
1 - "Air Cargo and Dangerous Goods", Anatolia University, 2016.1 - Peter S Morrell and Thomas Klein « Moving Boxes by Air», 2019, 2nd ed., Routledge.
2 - Michael Sales, « Aviation Logistics - The Dynamic Partnership of Air Freight and Supply Chain», 2016, Kogan Page.