

School of Business and Management Sciences / Aviation Management
2024 - 2025 Academic Year
CREW PLANNING
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
CREW PLANNING	HVY4114349	Fall Semester	3+0	3	5
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Elective				
Course Coordinator	Assist.Prof. Özlem İLDAY				
Name of Lecturer(s)	Lect.Dr. Fuat Can ERERTEM				
Assistant(s)					
Aim	The course aims to teach about the planning activities of the crews of the airlines, and its limitations and regulations.				
Course Content	This course contains; Introduction, Fundamental Concepts,Airline Crew Planning,Constraints on crew planning activities,Working conditions of the cabin and cockpit crew,Crew pairing,Crew rostering,Review and discussion,Low cost crew planning,Crew planning in unpredictable situations like aircraft malfunctions, absence of crew members, bad weather conditions,Crew allocation in case of starting a new line,Impact of aircraft type and training on crew planning,Rules and regulations to be followed,Follow-up of changes and reorganizations,Review and discussion.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
1- Knows and can explain the concepts and methodology of airlines crew planning.			10, 16, 9	A	
2- Knows the rules and regulations to be followed in crew planning.			10, 16, 9	A	
3- The student comprehends unexpected situations and possible solutions.			10, 16, 9	A	
Teaching Methods	10: Discussion Method, 16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Introduction, Fundamental Concepts				
2	Airline Crew Planning				
3	Constraints on crew planning activities				
4	Working conditions of the cabin and cockpit crew				
5	Crew pairing				
6	Crew rostering				
7	Review and discussion				
8	Low cost crew planning				
9	Crew planning in unpredictable situations like aircraft malfunctions, absence of crew members, bad weather conditions				
10	Crew allocation in case of starting a new line				
11	Impact of aircraft type and training on crew planning				
12	Rules and regulations to be followed				
13	Follow-up of changes and reorganizations				
14	Review and discussion				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
SHT-6A.50 Rev.05, Sivil Havacılık Genel Müdürlüğü Uçucu Ekibin Uçuş Görev ve Dinlenme Süreleri ile Uygulama Esasları Talimatı (Instruction for Flight Team Flight Duty and Rest Periods and Application Principles)