

CONTENT OF THE COURSES OFFERED IN ENGLISH

Introduction to Civil Aviation

Definition of Airports and Elements: Flight Line and Terminal Line Facilities, the Terminal Design, the Air Transport World and Turkey. General Aviation in Turkey and the Current State of the World, The Importance of Social and Economic Analysis. The Development of Civil Aviation in the World, the Definition and Classification of Civil Aviation Applications, International Civil Aviation System: Organization, Conventions, Rules, Bilateral Agreements, the Air Traffic Rights.

Basic Theory of Flight and Flight Information

The History of Aviation, The Development of Turkey and The World Of Aviation, Theory of Flight, Capable of Flying Bodies, Classification, Basic Concepts: Motion, Relative Motion, The Standard Atmosphere, The Principles of Flight (Lift, Drag, Moment and Aerostatic Loads), The Old and New Aircraft Types, The Basic Aircraft Components: Fuselage, Wings, Tail Kit, The Main Flight Control Surfaces and Their Properties, Landing Gear, Aircraft and Missile Power Systems: Piston Engines, Propellers, Turboprop, Turbojet, Turboshaft, Turbofan.

Aviation Regulations

No. 2920 Turkish Civil Aviation Law and its Annexes: SHY0-6A (commercial Aviation), SHY-6B (general aviation), The Turkish Civil Aviation System; International Civil Aviation Organization (ICAO), Introduction; Union Joint Aviation Authorities (JAA), Introduction to the Civil Aviation Presentation of the General Directorate, Joint Aviation Requirements (JAR) Introduction; JAR-OPS, JAR-145, JAR-66 and JAR-147 Relationship Between Requirements, JAR-66 requirement narration Approver Personnel; JAR-145 Approved Maintenance Organizations need for detailed narration; JAR Explanation-OPS Commercial Air Transport Necessity; Air Vehicle Certification of the European Aviation Safety Agency (EASA) EASA Introduction and Rules: A National and International Needs. ICAO Annex-9, Appendix-17, Annex-18 Introduction.

Computer I

General computer structure; computer terminology and relationships; Introduction to computer technology; Information Age and the Information Society; Information Systems; Algorithm Concept: What is the Algorithm, Basics of Algorithm; Computer Organization; Operating Systems: What is an Operating System; What are the Functions and Types of Operating System; Computer Technologies Used in Aviation; Computer Terms; Working Styles of the Basic Memory Elements; Advantages and Disadvantages Faced by Softwares the While Using These General Structures

Computer II

Computer Software; Application Software: Word-processing Software, Reporting and Spreadsheet Software, Drawing Program, Presentation Software; Data Base: What is Data Base, What are the Types; Data Communication and Computer Networks; E-mail usage, FTP; What is Internet, Internet Usage, Data Screening and Access to Information. The Software Control Techniques; the General Rules and Obligations That Must Be Considered In Softwares Used In Aviation and General Softwares.

Introduction to Business

Business Concepts; Historical Development of Enterprises; Meeting Human Needs; Environment and Objectives of Businesses; Types of Business Enterprises; Establishment of Business Enterprises: Feasibility Researches, Investment Decision and Realization; Efficiency and Risk Concepts In Businesses; Management Concept; Management and Leadership Features; Leadership Approaches; Motivational Approaches; Management Function: Marketing, Production, Human Resources, Finance, Accounting, Public Relations, Research and Development; Organizations as a Source of Competition; Planning Theory, Organization Theory; Business Alliances and Mergers; Global and Electronic Business.

Introduction to Behavioral Sciences

Introduction to Sociology and Methodology; The Emergence of Science of Sociology and Theoretical Approaches; Community and Social Structure; Socialization; Social Groups; The Family; Theoretical Approaches to Crime and Crime Types; Technology and The Environment; Introduction to Science of Psychology and Methods; Method of Psychology;

Psychology of Lifelong Development; Sensation and Perception; Learning; Personality Psychology; Theories of Personality; Psyche Health and Harmony; Social Effects on Behavior, Attitudes; Some Measurement Tools Used In Application Fields of Psychology and Application Field of Psychology.

Principles of Marketing and Marketing Management

Concept of Marketing: Evaluation of Marketing, Functions of Marketing, Environmental Conditions of Marketing, Marketing Information Systems and Marketing Research, Market Concept: Market Segmentation and Target Market Selection; Buying Behavior In Consumer and Industrial Markets; Product, Price, Distribution Channels and Physical Distribution; Efforts to Increase Sales, International Marketing; Quality of Life and Marketing, Service Marketing; Organization Implementation In Marketing Management and Audit.

Management Knowledge and Organizational Skills

Organization and Method, The Importance of Organization and Method, Job Analysis Studies, Workflow Techniques, Economy of Movement Techniques Plan and Settlement Studies, Form Analysis, organizing (functional, hierarchical, horizontal), Motivation. General purpose is to inform the students about management information system and integrate topics into applications. In addition, our purpose is to examine the management theories as well as current management approaches and analyze these management approaches in terms of the aviation sector.

Human Resources Management

Introduction to Staff Management: Basic functions, Organizing; Workforce Planning: Methods, Planning Tools; Business Analysis: Job Description, Job Requirements; Recruiting: Finding, Selecting; Adaptation: Staff Training: Methods, Principles, Assessment; Personnel Evaluation: Methods, Valuation Errors; Compensation Management: Business Valuation, Compensation techniques, Wage surveys; Other Personnel Services

Customer Relations

The aim of this course is to teach the basic principles of the customer relationship management that has a increasing reputation in the business world, increasing the importance of the customer, ways of thinking from the perspective of the customer and customer relationship solutions in an environment that product-focused marketing is losing importance.

Advanced English-I

General Review: Tenses, Verbs, Phrases, Plural Names, Compound Nouns, Reflexive Pronouns, Irregular Verbs, Comparison Structures, Modal Structures: Possibility, Necessity, Permission, Capability, Idioms, General Review: Passive Voice, Tenses, Adverbs

Advanced English-II

General Review: Verbs, Get+Adverb/Preposition, The Use Of Official And Non-Official Language, Conditional Sentences: Type I, Type II; Punctuation, Adjective Phrases: Defining, Non-Defining; Possessive Forms, The Use Of Language, Stress, Hypothetical Sentences, Subjunctive Mood: Present Tense, Past Tense, Advanced Listening

Aviation English I

The aim of this course is to develop students' reading skills in order to help them understand books in the field of aviation. Various articles and books written in English on the air transport sector are examined and discussed. Samples: Structure Of Air Transportation, The Economic Benefits and Social Effects Air Transportation, Air Transporting Elements: AirFreight Companies, Airports, Aviation Services, Customers, Regulatory And Supervisory Institutions; Air Transport Developments In Turkey And The World.

Aviation English II

The aim of this course is to develop students' reading skills in order to help them understand books in the field of aviation. Various articles and books written in English on the air transport sector are examined and discussed.

Hazardous Substances

Concept and Classification of Hazardous Substances, Hazardous Substances that cannot be carried by Air, Departments and Documents, Responsibility Groups for the Carriage of Hazardous Goods by Air,

Shippers, cargo agents, air operations, cargo planners and flight crew, loading and storage personnel, Use of Hazardous Substances Tables, Use of Packing Instructions and Statements,

Packaging Specifications and Performance Tests, Marking and Labeling of packages,

Responsibilities of the sender and the carrier for Hazardous Substances,

Acceptance, Storage, Loading and Control of Dangerous Goods