

EGE UNIVERSITY AVIATION HIGHER VOCATIONALSCHOOL

Civil Aviation Management Associate Degree Course Syllabus 1 New YEAR

<u>Lesson Code</u>	<u>Lesson Name</u>	<u>T</u>	<u>U</u>	<u>L</u>	<u>Credit</u>	<u>ECTS</u>
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ATA101	Ataturk's Principles and History of Turkish Revolution	2	0	0	2	2
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LESSON CONTENT: Basic Concepts, The Reasons of the collapse of the Ottoman Empire, Turkish Modernization Movements, I. World War, Turkish National Struggle.

BİL103	Computer	3	0	0	3	3
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LESSON CONTENT: System unit, input / output devices, storage, computer software: system software and application software, computer communication and networks, database systems, development of information systems, Microsoft the application is based on computers, including internet and internet services, computer hardware helps to learn concepts.

SHU101	Maths	3	0	0	3	3
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LESSON CONTENT: to understand the importance of the technical program, especially for the student's own program subjects underline, to make practices related to these issues.

SHU107	Introduction to Civil Aviation	3	0	0	3	4
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LESSON CONTENT: Development of civil aviation in the world, Chapter of civil aviation, International civil aviation system, organizations, Conventions, Rules, Turkish civil aviation law, Turkish civil aviation system, Definition of airports and elements, Expansion of abbreviations and codes used in aviation, Includes air transport issues.

SHU111	General Accounting	3	0	0	3	3
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LESSON CONTENT: Applying accounting procedures and principles, Create master and child accounts Edit opening record, Opening and closing balance sheet, Large notebook record

SHU119	Basic Aviation Information and Terminology	1	1	0	1,5	3
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LESSON CONTENT: Historical development of aviation, Basic Aviation information, basic principles of flying, aircraft definition and classification, aircraft types, subsystems aviation terminology.

SHUSDGO1 Optional Lesson Group 1 (Lesson 1) - - - - 8

SHU113 Advanced English 1 4 0 0 4 4

LESSON CONTENT: To improve listening, speaking and writing skills in English

SHU115 Introduction To Business Administration 3 0 0 3 4

LESSON CONTENT: Introduction to business administration, Business organization and types, Manager and leadership, Entrepreneurship, Chaos management in enterprises, Branding in businesses and Human resources

SHU121 General Business 3 0 0 3 4

LESSON CONTENT: Introduction to business administration, Business organization and types, Manager and leadership, Entrepreneurship, Chaos management in enterprises, Branding in businesses and Human resources

SHU121 Advanced English 1 4 0 0 4 4

LESSON CONTENT: Vocabulary, Grammar, Reading, Listening, Writing

TUR101 Turkish Language 1 2 0 0 2 2

LESSON CONTENT: What is language, Language thinking, relationship between literature and culture, types of languages, language types, language and culture, languages in the world and the place of Turkish among the world languages, historical periods of Turkish language, Turks the alphabets they use, their sounds in Turkish and its classification, morphology of Turkish, features of Turkish syntax properties, Turkish semantics.

ÜYG103 Transition to University Life 1 1 0 1,5 2

LESSON CONTENT: As a responsible individual in the university, the students are allowed to participate in the social, cultural and scientific activities of the university. To understand the university concept of the university students various scientific, cultural, artistic and sporting activities regularly ensure.

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ATA102 Ataturk's Principles and 2 0 0 2 2

History of Turkish Revolution 2

LESSON CONTENT: Atatürk's reforms, Atatürk Period Turkish Foreign Policy, Ataturk's principles, developments in Turkey and in the world after 1938.

SHU102 Quality Management Systems 2 0 0 2 3

LESSON CONTENT: The concept of quality, standard and standardization, the importance of standard in production and service sector, Management quality and standards, Environmental standards, Quality management system models, Strategic management, Participation in management, Process management system, Resource management system

SHU104 Passenger Service 3 0 0 3 3

LESSON CONTENT: Organizational chart of civil aviation enterprises, job descriptions of passenger service employees, passenger arrivals and arrivals operations, passenger services and traffic rights, responsibilities

SHU106 Flight Operation 3 0 0 3 3

LESSON CONTENT: Flight operating principles flight safety passenger comfort tariffs activity economy General service principles Weather information for international air navigation WAFC,AMO,METAR,TAF-TAFOR,SIGMET NOTAM, SNOWTAM, , icing turbulence ,condensation traces, ILS CAT 1, PAR approaching.

SHU122 Internship 1 (Edü) - - - - 5

LESSON CONTENT: During the two-year education of the students, all the theoretical and practical information about the profession application in production and / or analysis institutions and organizations,

SHU124 Community Service Practices 1 1 0 1,5 2

LESSON CONTENT: Creating social awareness projects, writing projects, recognizing non-governmental organizations and working together.

SHUSDGO2 Optional Lesson Group 2 - - - - 10

SHU110 General Economics 3 0 0 3 4

LESSON CONTENT: Introduction to microeconomics Demand, Supply, Market equilibrium, Changes in market equilibrium, Benefit and diminishing marginal benefit principle, Consumer balance, Production function and technology, Reduced yield law, Producer balance, Factor markets.

SHU112 General Economics 3 0 0 3 4

LESSON CONTENT: the first module, "Identifying the Fundamentals of the Economy" section to get information about the characteristics of the economy, Production classification identifying needs and classifying benefits subjects are discussed. the second module, "Determining Consumer Preferences" information about other economic concepts Third module " Manufacturer Preferences Determining " producer equilibrium and supply formation and making cost analysis operations are carried out. The end module distinguishes market types from bazaar types. and differentiation of equilibrium in different markets.

SHU114 Human Factors In Aviation 2 0 0 2 2

LESSON CONTENT : This course aims to help the technicians to know themselves and reduce the human errors in maintenance organizations with the view of “human” for who plays role in aircraft maintenance.

SHU116 Human Factors In Aviation 2 0 0 2 2

LESSON CONTENT: Human factor, human performance, physical environment, tasks, social, psychology, communication and danger in the workplace.

SHU118 Entrepreneurship 2 0 0 2 2

LESSON CONTENT: This course aims to give information about entrepreneurship concepts and process, to realize the opportunities of entrepreneurship, preparing the feasibility of a new business and preparing entrepreneurship plans such as marketing and production aims to improve the ability.

SHU120 Advanced English 2 4 0 0 4 4

LESSON CONTENT : To develop English listening, speaking and writing skills.

SHU126 Advanced English 2 4 0 0 4 4

LESSON CONTENT : Vocabulary, Grammar, Reading, Listening, Writing.

TUR102 Turkish Language2 2 0 0 2 2

LESSON CONTENT : Expression concept, Ways of improving thought, Expression forms. Reading, listening, speaking and general features of writing, Oral expression and oral expression types. Written expression and written expression types.

Civil Aviation Management Undergraduate Program Curriculum 1.N.Year

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SHU203 Air Traffic Rules And Services 2 0 0 2 3

Lesson Contents; Transportation Systems and Air Transportation System Air Traffic System Air Traffic Management Air Traffic Services Air Traffic Control Service General Air Traffic Rules Flight Rules and Flight Levels Altimeter Setting Methods Flight Plans and Airplanes Airports Track Surface Conditions Signs Important Events in Air Traffic Organizations

SHU205 Occupational Health and Workplace Safety 2 0 0 2 2

Lesson Contents; Establishment of the service contract, termination results of the contract, work, rest periods, holidays, indemnities and the legal rights of employees in general, social risks and the benefits and services provided to the insured against these risks.

SHU211 Meteorology 2 0 0 2 3

Lesson Contents; Course, definition of meteorology; the importance of knowing the meteorological developments in terms of flight safety; the effects of meteorological developments on the aircraft and measures to be taken in the cabin; atmosphere composition, structure and layers; ICAO standard atmosphere; pressure and altimeter; cloud formation; the concept of water in the atmosphere; basic cloud types and classification; precipitation; meteorological view and wind concept; facades and facade formations and meteorological codes.

SHU213 Logistics Management 2 0 0 2 3

SHU227 Ground Operations 3 0 0 3 3.

Lesson Contents; Introduction, presentation of ground services. International agreements, laws and regulations Representation, Management and Supervision activities, General definition of ground service departments Representation, Management and Surveillance Processes Processes of passenger services, Ramp processes Homework Submission Apron Vehicles, features and places of use Cargo control, communication and flight operation processes, Cargo Security processes and postal services, Aircraft Maintenance, Support services in Turkey Location Location services Management service Management in the world in the world Location services Management

SHU229 Aviation Safety 2 0 0 2 3.

Lesson content;

History of aviation security and investigation of illegal events related to civil aviation International regulations on aviation security National regulations on aviation security Plans and programs related to airport security Plans and programs related to airport security Security areas Airport general security Airport physical security measures Airplane security Aircraft security Human factor in aviation security New developments affecting aviation security New trends in the future status of aviation security.

SHU 217 Funding in Aviation Business 3 0 0 3 3

Lesson Contents; Basic information about the air transport sector Financial Problems in Air Transportation: Structural, international, airline and aircraft, borrowing and bankruptcy, tax and currency problems Active and passive structure in aviation enterprises Financing Requirements in Aviation Businesses and Financial Planning Funding Sources in Aviation Businesses: Internal sources, external Resources Internal Resources Net profits, delayed taxes, depreciation, issuance of shares External Resources: Financial leasing, financing through borrowing, securitization, venture capital, government subsidies Financial leasing: leasing, operating leases, leveraged leases, sale and leasing, Tax advantageous lease Financing Through Borrowing: Commercial banks, export credit institutions, life insurance companies, producer supports and other organizations Securitization: Structure, applications and credit ratings The importance of venture capital organizations and State Support of Air Transport in Turkey Used in Financing Resources Issues and Recommendations encountered in Turkey

SHU219 Aviation English 1 4 0 0 4 4

Course content;

SHU221 Aviation English 1 4 0 0 4 4

Lesson content; English technical aviation terms, basic sentence patterns and structures, physical characteristics of aircraft, aircraft basic movements, technical defects, faults and faults, technical terms and units used in connection, installation and maintenance processes.

SHU 223 Human Resources Management 3 0 0 3 3

Lesson Content; Definition, functions, development and principles of human resources management; staff recruitment and selection of staff mobility organizational socialization and career job analysis, work study and job design personnel planning; differences in public and private sectors; internal and external factors affecting human resources management; performance evaluation training planning, implementation and evaluation; participation in trade unions; trade union rights; wage management

SHU231 General Aviation 3 0 0 3 3

Lesson Contents; General aviation concept and scope of general aviation development General aeronautics regulations of general aviation applications, general aviation in Turkey in the world, discussion of the article selected educational institutions air taxi operations, Leasing Companies aviation Personal or special-purpose general aviation sport, show or advertisement aviation General aviation The types of aircraft used Discussion of selected articles The Future of General Aviation General aviation problems

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 Management Undergraduate Program Curriculum (Content) 4.N.Year

SHU202 Airport Activities And Equipment 3 0 0 3 4

Lesson Contents; Airport concept Air side facilities and equipment Declared distances and calculations Instrumental runways and features Mania Limiting Surfaces Visual aids for identifying obstacles PAT area marking and illumination Track strength and calculation methods Airport master planning, air side and land side plant layout Airport terminal types and airport process of service provision Protection activities of surface coating conditions- Rescue and fire-fighting activities-Fighting wildlife Mania-Airport operation activities

SHU206 Air Cargo Management 2 0 0 2 2

Lesson content; Air cargo concept section features aircraft types classification used in the cargo Turkey and the world in air cargo transport special cargo concept admission requirements for special cargo types of hazardous materials cargo terminolojo live animals compartment features other cargo loading calculations binding rules of the current machine related air cargo and examination of publications

SHU230 Organizational Communication in Aviation Business 2 0 0 2 2

SHU23 Model Aircraft Construction 3 0 0 3 3

Lesson content; Aircraft structures and aerodynamics model aircraft types techniques aircraft wing tail profile construction wing construction body parts preparation body construction aircraft coating body wing

SHUSDGO4 Elective Course Group 4 - - - - 14
(Lesson 1)

SHU210 Dangerous Goods 3 0 0 3 3

SHU212 Dangerous Goods 3 0 0 3 3 Course

Lesson content; Course, history of hazardous materials; the purpose of the rules to be applied in the transport of dangerous goods; transport of dangerous substances; responsibilities; hazardous substance limits; classes of hazardous substances; labeling rules; reporting of special loads; Hazardous substances include in-flight procedures and materials in DGR.

SHU214 Management Andorganization 3 0 0 3 4

Lesson Contents; Course, history of hazardous materials; the purpose of the rules to be applied in the transport of dangerous goods; transport of dangerous substances; responsibilities; hazardous substance limits; classes of hazardous substances; labeling rules; reporting of special loads; Hazardous substances include in-flight procedures and materials in DGR.

SHU214 Management Andorganization 3 0 0 3 4

SHU216 Management and organization 3 0 0 3 4

SHU218 Aviation English 2 4 0 0 4 4

SHU220 Aviation English 2 4 0 0 4 4

Lesson Content; ATA (Air Transport Association) Chapter in the basic mechanical and electronic units of the structure, working principle and maintenance in English terms

SHU224 Customer Relations 3 0 0 3 3

SHU226 Sign Language

3 0 0

3 3

Lesson Content; Learning sign language and strengthening communication

SHU234 Current Topics in Aviation

3 0 0

3 3