

EAST AFRICAN SCHOOL OF AVIATION(EASA)

ICAO Platinum Training Centre of Excellence

EASA Ab-Initio Courses

THE SKY IS ONLY BUT THE LOWER LIMIT



A. Department: Aviation Safety and Security Management
By Eng. Marete- Head of Training, ASSM

Diploma in Aeronautical Engineering
(Air Frames and Engines option)

Course Objectives:

By the end of the course, the trainee should be able to:

- a) understand the working principles of Aircraft engineering systems
- b) apply acquired knowledge and skills in the operation, care and maintenance of workshop tools and equipment for aircraft and ground operations.
- c) Manage an Aeronautical engineering workshop
- d) demonstrate competence in safe-guarding international protocols and conventions relevant to Aircraft operations;
- e) aircraft safety precautions and procedures during Ground and Flight Operations
- f) observe the International Civil Aviation Organization (ICAO) requirements, and subsequent amendments in airline operations
- g) demonstrate knowledge of Aircraft construction, communication and Aircraft surveillance systems

Among the various areas of employment are:

- Aircraft maintenance organizations e.g. Kenya Airways, Fly 540, Emirates
- Civil Aviation Aircraft Inspectors e.g KCAA
- Airport Ground Handling Service
- Defense forces
- Flight Engineers
- Government parastatals eg KWS, Kenya Pipeline etc

Intakes: JANUARY, SEPTEMBER

Minimum entry qualification is mean grade C- in KCSE.

On successful completion, the graduate attains "Diploma Aeronautical Engineering"
(Airframe & Engines Option)

Diploma Aeronautical Engineering (Avionics)

Course Objectives:

By the end of the course, the trainee should be able to:

- a) Understand the working principles of Aircraft communication systems
- b) Apply acquired knowledge and skills in the operation and maintenance of Aircraft Communication Systems and Measuring Instruments
- c) Manage an Aeronautical engineering workshop
- d) Demonstrate competence in safe-guarding international protocols and conventions relevant to Aircraft operations;
- e) Observe aircraft safety precautions and procedures during Ground and Flight Operations
- f) Observe the International Civil Aviation Organization (ICAO) requirements and subsequent amendments in airline operations
- g) Demonstrate knowledge of Aircraft construction, communication and Surveillance Equipment

The course Duration is three (3) years divided into three modules with the following contents and examined by Kenya National Examinations Council (KNEC)

Among the various areas of employment are:

- Aircraft maintenance organizations e.g. Kenya Airways, Fly 540, Emirates
- Civil Aviation Aircraft Inspectors e.g KCAA
- Airport Ground Handling Service
- Defense forces

Intakes: JANUARY, SEPTEMBER

Minimum entry qualification is mean grade C- in KCSE.

On successful completion, the graduate attains "Diploma Aeronautical Engineering"
(Avionics Option)

B. Diploma in Flight Dispatch ***By Scholastica Opiyo, Chief ASSM***

Course Objectives:

After completion of the training, a student should be able to sit and pass the Flight Operations Officers' Licence examination offered by KCAA and apply the acquired knowledge and skills as specified in Civil Aviation (Personnel Licensing) Regulations, 2018. Upon being licensed, the trainee will be able perform, among other duties, the duties and responsibilities of a FOO as specified in Civil Aviation (Operations of Aircraft for Commercial Air Transport) Regulations as follows:

- a) Assist the Pilot-in-Command in flight preparation and provide the relevant information required;
- b) Assist the Pilot-in-Command in preparing the operational and ATS flight plans, sign when applicable and file the ATS flight plan with the appropriate ATS unit;
- c) Furnish the Pilot-in-Command while in flight, by appropriate means, with information which may be necessary for the safe conduct of the flight;
- d) Notify the appropriate ATS unit when the position of the aeroplane cannot be determined by an aircraft tracking capability, and attempts to establish communication are unsuccessful; and
- e) In the event of an emergency:
 - i) Initiate such procedures as outlined in the operations manual while avoiding taking any action that would conflict with ATC procedures; and
 - ii) Convey safety-related information to the Pilot-in-Command that may be necessary for the safe conduct of the flight, including information related to any amendments to the flight plan that become necessary in the course of the flight.

Employment opportunities:

- Commercial Airlines as flight dispatch officers
- Commercial Airlines as flight dispatch planners
- Ground Handling Agencies

Examining body is EAST AFRICAN SCHOOL OF AVIATION

On successful completion, the graduate attains "Diploma in Flight Dispatch"

Successful trainees acquire the title of a Flight Dispatch Officer

Minimum Entry Requirement:

- A Minimum of Mean Grade of C- in the Kenya Certificate of Secondary Education Level Or its equivalent Or

At least one year as an assistant in the dispatching of aircraft used in Commercial Air Transport in the last six months preceding the date of application.

Or

A Diploma or Degree from a recognized institution

- Ability to read, write and communicate in English
- Must be nineteen (19) years and above

INTAKES: Jan, September

DURATION: 1 Year

B. Department: Air Navigation Services ***By: Eng. Marete, Head of Training***

Diploma in Electrical and Electronics Engineering **(Telecommunications Option)**



Course Objectives:

By the end of the course, the trainee should be able to:

- a) Maintain telecommunication systems
- b) Interpret technical information /data for electrical installations and telecommunication systems

- c) Apply information communication technology (ICT) in telecommunication systems design and research
- d) Observe environment, health and safety when performing tasks in the telecommunication and electrical installation field
- e) Create a firm foundation for further training
- f) Fabricate electronic circuits
- g) Test and analyze telecommunication networks.

The course Duration is three (3) years divided into three modules with the following contents and examined by Kenya National Examinations Council (KNEC)

Among the various areas of employment are:

- Telecommunication corporations
- Communication Navigation and Surveillance organizations
- Transmission stations
- Broadcasting corporation
- Defense forces

C. Department: Aviation Business Management (ABM) *By: John Ndiritu, HoT*

EASA Diploma in Travel and Tourism Management

Course Objectives:

The training prepares students for a career in airline passenger reservations, airport Check In duties, tour operations, Events Management and a wide range of business and leisure travel professions.

Course Content:

- Air fares and ticketing
- Itinerary planning
- Travel formalities/ Airport DEP & ARR procedures
- Tour production / Cruise holidays
- Hotel services/ Events Management
- Car Hire/ Rail / Coach transport

Among the various fields of employment are

- Air reservations / Travel agencies
- Airport Check In / Passenger Ground Handling
- Tour Operators/ Destination selling
- Events Management companies
- Car Hire, Rail Transport, Coach Transport firms
- Hotel/ Accommodation Reservation
- Guest Relations Officers/ Customer Service Officers
- In-House Corporate Travel Consultants

The student has option of sitting for IATA (the Association of Airlines Worldwide that decide & set guidelines on the Commercial activities of Airlines)

exam Examining body is EAST AFRICAN SCHOOL OF AVIATION

On successful completion, the graduate attains

- Diploma in Travel and Tourism Management

Minimum Entry Requirement: KCSE C- Intakes: JAN, SEPTEMBER

Duration is 2 years

EASA Diploma in Air Cargo Management

Course Objectives:

The training prepares students for a career in airline/ sea/ road cargo reservations, in adherence to proper packaging, documentation, warehousing and shipping.

Employment opportunities

- Airline Cargo Acceptance
- Air Cargo processing
- Ware house management Staff
- Customs clearance for both air and sea ports
- Procurement and store keeping facilities
- Non-Governmental Organizations

Examining body is: EAST AFRICAN SCHOOL OF AVIATION

On successful completion, the graduate attains a

- Diploma in Air Cargo Management

Minimum Entry Requirement: KCSE C- Intakes: JAN, SEPTEMBER

Duration is 2 years

The student has option of sitting for IATA (the Association of Airlines World - wide that decide & sets guidelines on the Commercial activities of Airlines)

EASA Diploma in Airport Ground Operations

Course objectives

This program prepares a student for the Operational Management of an Airport – a World recognized qualification commanding much esteem & status. On completion of the Diploma program, the student will have a deep all round knowledge covering all aspects of Airport Operations Management.

Employment opportunities

Examining body is EAST AFRICAN SCHOOL OF AVIATION

On successful completion, the graduate attains “Diploma in Airport Operations”

Minimum Entry Requirement: KCSE C-

Intakes: JAN, SEPTEMBER

Duration is 2 years

IATA Diploma in Travel and Tourism

Course Objectives:

The training prepares students for a career in airline passenger reservations, airport Check In duties, tour operations, Events Management and a wide range of business and leisure travel professions.

Course Content:

- Air Fares and Ticketing
- Itinerary planning

- Travel formalities/ Airport DEP & ARR procedures
- Tour production / Cruise holidays
- Hotel services/ Events Management
- Car Hire/ Rail / Coach transport

Among the various fields of employment are

- Airline Reservations / Travel Agencies
- Airport Check In / Passenger Ground Handling
- Tour Operators/ Destination selling
- Hotel/ Accommodation Reservation
- Guest Relations Officers/ Customer Service Officers
- In-House Corporate Travel Consultants

Examining body is the International Air Transport Association – IATA

3 Diploma levels

- IATA Foundation in Travel and Tourism
- IATA Travel and Tourism Consultant
- IATA Managing the Travel Business

Successful trainees acquire the title of a Travel Consultant

Minimum Entry Requirement: KCSE D+

Duration is 6 months

Intakes: JANUARY, SEPTEMBER

IATA Certificate in Airline Cabin Crew

Course Objectives:

The training equips students with Skills and expertise to meet the industry's requirements in Aviation Safety, Aviation Security and excellent customer service as well as relevant competencies for the career.

At the end of this Course, participants will be able to demonstrate excellent

safety, security and customer service knowledge.

Course Content:

- Air Transport and Flight Operations
- Crew responsibilities and cooperation
- Managing abnormal and emergency situations
- Medical emergencies onboard the aircraft
- Dangerous goods
- Aviation Security
- Airline catering and on-board retail services

Employment opportunities

- Commercial Airlines as cabin crew
- Corporate Airlines as VIP cabin crew
- Hotels as guest relations personnel
- Airports as customer service agents.

Examining body is the International Air Transport Association – IATA

On successful completion, the graduate attains.

- IATA Certificate in Airline Cabin Crew

Successful trainees acquire the title of a Purser/ Cabin Crew/ Steward (ess)/

In- flight Attendant

Minimum Entry Requirement: KCSE D+

Duration is 6 months

Intakes: JANUARY, SEPTEMBER

IATA Diploma in Air Cargo Management

Course Objectives:

The training prepares students for a career in airline/ sea/ road cargo reservations, in adherence to proper packaging, documentation, warehousing and shipping.

Course Content:

- Operations of freight forwarders and airline cargo units.
- Standard cargo acceptance procedures and document completion
- Cargo rating principles and loading procedures.
- Apply the IATA Dangerous Goods Regulations correctly
- Understand the legal requirements and responsibilities of shippers, agents and airlines.
- Properly packed, marked and labeled
- Shipper's Declaration for Dangerous Goods.

Employment opportunities

- Airline Cargo Acceptance
- Air cargo processing
- Warehouse management Staff
- Customs clearance for both air and sea ports
- Procurement and Store keeping facilities
- Non-Governmental Organizations

Examining body is the International Air Transport Association – IATA 3

Diploma levels

- IATA Cargo Introductory course
- IATA Dangerous Goods
- IATA Advanced Air Cargo Rating and Marketing Successful trainees acquire the title of a Cargo Consultant

Minimum entry Requirement: KCSE D+

Duration is 6 months

Intakes: JANUARY, SEPTEMBER