



ETHIOPIAN AVIATION ACADEMY COURSE CATALOGUE

Ethiopian やんかやおタ // Aviation Academy









MESSAGE FROM THE MANAGING DIRECTOR OF ETHIOPIAN AIRLINES AVIATION ACADEMY

Dear prospective student,

Welcome to the exciting world of aviation!

Human Resource Development is one of the four pillars of Ethiopian Airlines' Vision 2025 strategic plan. It is a key factor in ensuring our sustainable growth. The Aviation Academy is equipped to train and develop the best in the industry. The investments that we have made over the years have grown Ethiopian into the most modern airline in Africa, with state of the art equipment and technology. These investments are a testimony to our commitment to continue our contribution to the growth aviation in the region and beyond.

The history of the Academy goes far back to Ethiopian Airlines' formative years. Our technical training department started its first program in 1956. Just two years later, in 1958, a commercial training section was established for ticketing, reservations, airport ground operations and a cabin crew school. In 1981, these units were expanded to establish the current Commercial and Ground Services School with

additional programs in Airline Finance. Concurrently, a Management Development Unit, now the Leadership & Career Development School was established completing the establishment of all the Academy's programs.

An important milestone in the history of the Aviation Academy were the commissioning of our Pilot Training and Aviation Maintenance Technical School in 1964 and 1967 respectively.

Between 2010 and 2011, the many schools and training programs were streamlined to establish the Ethiopian Aviation Academy (EAA). Over the last 60 years, we have trained over 15000 aviation professionals from over 50 African countries, as well as students from the Middle East and Asia.

EAA is an official Approved Training Organization (ATO) of the Ethiopian Civil Aviation Authority, an ICAO-designated Regional Training Center of Excellence, a European Aviation Safety Agency (EASA) approved Maintenance Training Organization, and an IATA Authorized Training Center (ATC), Accredited

Training School (ATS) and Regional Training Partner (RTP).

EAA creates the opportunity for all of its students to learn in state-of-the-art facilities. The conducive aviation environment, on-the-job learning opportunities, and access to advanced simulators for all job families give the Academy a competitive edge over other training facilities. Competitive pricing and high standards of learning also make it a top choice for students. Please look through this catalogue to gain a deeper understanding of what we have to offer you. At the end you will find additional information on our admission requirements.

We look forward to seeing you on campus!

Solomon Debebe Managing Director, Ethiopian Airlines Aviation Academy

Awards & Accreditation

Ethiopian Aviation Academy is an official Approved raining Organization (ATO) of the Ethiopian Civil Aviation Authority, an ICAO-designated Regional Training Center of Excellence, a European Aviation Safety Agency (EASA) approved Maintenance Training Organization, and an IATA Authorized Training Center (ATC), Accredited Training School (ATS) and Regional Training Partner (RTP). Additionally, EAA has received the fourth-highest ranking in the Aviation Voice global review of aviation training institutions.













Accredited Training School



Regional Training Partner



Our Global Foot Print

A Truly Pan-African Aviation Academy, Ethiopian Airlines Aviation Academy has trained over 15,000 aviation professionals in its basic training programs. We have trained aviation professionals from almost all over Africa.





1957

TRAINING CENTER FSTABI ISHED

In 1957 the now Ethiopian Airlines
Aviation Academy was established as
Multi-National Aviation Training Center
for the English Speaking African
Countries by the International Civil
Aviation Organization-ICAO.

1967

AIRCRAFT MAINTENANCE TECHNICIANS SCHOOL (AMTS)

1958

CABIN CREW
TRAINING

TECHNICAL RECURRENT TRAINING In 1958, Technical Recurrent Training and Cabin Crew Training centers were established.

1981

SCHOOL OF MARKETING & FINANCE

1964

TRAINING SCHOOL

In 1964, the Pilot Training School started, followed by the Aircraft Maintenance Technicians School in 1967 and School of Marketing & Finance in 1981.

2010-11

AVIATION ACADEMY

All schools consolidated under the Ethiopian Aviation Academy in 2010-11.

1962	The airline took an important step in cooperation with Stanford University (USA) to train 40 of its employees at Supervisory	JANUARY 2016	Installation of the Airbus Competency Trainer – ACT A350
	level and above in the areas of Introduction to Management, Economic Analysis, Marketing and Administrative Control and Finance.	FEBRUARY 2016	Inauguration of the new facility expansion.
1977	The first female trainees specializing in Avionics joined the school.	NOVEMBER 2016	Became International Air Transport Association, IATA's Accredited Training School.
AUGUST 2011	The first in Africa to launch the Multi- Crew Pilot Licensing (MPL) program in in	магсн 2017	Standard Composite shop installed and started operation.
	conjunction with FlightPath International. MPL is an ICAO approved modern training and EAA is the first in the region to introduce	десемве 2017	World class Cabin shop installed and started operation.
	and amongst a few Authorized Training Organizations(ATOs) who successfully run it.	FEBRUARY 2018	Installation of the Boeing B777-200 VMT (Virtual Maintenance tool)
2010	Received the first DA-40 Flight Training Device(FTD)/Simulator and the first Diamond 40 glass cockpit aircraft for pilots training.	MARCH 2018	Became International Air Transport Association, IATA's Regional Training Partner.
2011	Received the first Diamond 42 glass cockpit aircraft for pilots training.	APRIL 2018	Installation of B737-MAX Virtual Maintenance Trainer-VMT is completed and started training.
2015	Received the first Cessna-172 glass cockpit aircraft for pilots training.	FOUNDING MEMBER OF THE ICAO TRAINAIR PLUS NETWORK	The Ethiopian Aviation Academy, the then Multi-National Aviation Training Center for
AUGUST 2014	Became International Air Transport Association, IATA's Authorized Training Center.		the English Speaking African Countries, was the founding member of the ICAO TRAINAIR network back in 1990. The Aviation Academy also became an ICAO TRAINAIR PLUS
2016	Received the first Cessna 172 Flight Training Device (FTD)/simulator.		member in 2013. The TRAINAIR PLUS is an upgraded version of the TRAINAIR network of civil aviation training centers.

ICAO REGIONAL TRAINING CENTER OF EXCELLENCE (RTCE)



The Ethiopian Aviation Academy was selected to become an ICAO Regional Training Center of Excellence in Air Transport and Flight Safety and Safety Management areas in May 2016. It is a stamp of quality for our diversified training capabilities.

WEB BASED TRAINING DELIVERY



The Ethiopian Aviation Academy started its online delivery of courses back in 2012.

HI-TECH AUDIOVISUAL STUDIO



The Academy established a modern audiovisual studio equipped with hi-tech imaging and editing equipment and software which enabled it develop a very interactive eLearning courseware to demonstrate complex operations and aircraft systems in 2018.

MAY **201**1



Signed Memorandum of Understanding (MoU) with the University of Mississippi to to introduce different aviation related training programs into the existing courses of Ethiopian Aviation Academy (EAA).

Full Flight Simulator Training Devices Footprint

BOEING B707-720B



The first Boeing B707-720B simulator in 1976.

BOEING B757/767



The very first Full Flight Simulator, released for training in March, 1994.

BOEING B737NG



This simulator is installed in 2007.

BOMBARDIER DHC-800 Q400



This full flight simulator started work in 2013.

BOEING B787



This Simulator is installed in 2014.

BOEING B777-300



Released for training on November 27, 2015.

AIRBUS 350 SIMULATOR



Released for training in March 2018.











T rainees enjoy their leisure time playing basketball, engaging in some in-door games, physical activities at the GYM, jogging and more at the academy's serene learning environment.

Every end of month, the entire academy community engages in what is called, Fatigue Duty. We walk around cleaning our compound, workshops, classrooms, garden, etc and enjoy the company of fellow trainees. It is a

fun way of building the culture of safety, cleanliness, belongingness and teamwork right from training.

Advocating teamwork, trainees gather weekly, at the academy's auditorium for presentations and role plays deliberating on selected virtues. Learning is made fun!



Pilot Training School

The Pilot Training School was commissioned in 1964, and is selected as the primary training center for African and Middle Eastern Countries. Over the last 48 years, the Pilot Training School has trained pilots from over 52 countries across Africa, the Middle East, Asia and Europe.

 $The \ {\tt Pilot} \ Training \ School \ currently \ offers \ accredited \ training \ programs \ for a \ Commercial \ {\tt Pilot} \ License \ with \ Instrument \ and \ Multi-Engine \ Rating \ (CPL/IR/ME) \ and \ a \ Multi-Crew \ Pilot \ License \ (MPL). \ It \ also \ provides \ training$

programs for Flight Instructors, Flight Dispatchers, and Simulator Training for a variety of aircrafts and other related programs.

The faculty is comprised of highly experienced instructors for both flight and ground trainings. In addition, the Pilot Training School is equipped with all of the necessary facilities: state-of-the-art simulators, aircrafts (glass cockpit DA 40NG and Cesena 172), and well-equipped ground classrooms and computer-based training (CBT) rooms.

PILOT TRAINING COURSES

COURSE DESCRIPTION METHOD DURATION



The school follows a well-organized and logically-sequenced integrated syllabus for the ground and flight training. The school offers a comprehensive and internationally-acclaimed Commercial Pilot License with Instrument and Multi-Engine Rating for over 50 years. The syllabus is developed based on Ethiopian Civil Aviation Authority Regulations, ICAO requirements for Airline Transport Pilot License (ATPL), CPL and IR/ME Requirements. Moreover, due consideration is given to fulfill EASA ATPL Theoretical Knowledge requirements. Hence, The EASA and JAA-FCL detailed theoretical knowledge training syllabus is benchmarked for completeness and determination of scope and level of details. The practical training is comprised of different flight exercises at different stages both on an FTD and on actual airplane.

Academics / A / C / SIM (DA40/DA 42 or Cessna 172)

Academics = 870 hrs Aircraft = 149hrs (DA 40, DA 42 or Cessna-172) SIM = 82 hrs









MULTICREW PILOT LICENSE (MPL) MPL training at Ethiopian Aviation Academy aims to replace the traditional hours - based prescriptive syllabi with competency-based training. The training program guides students throughout various aircraft training using simulation designed for multicrew scenarios. We also address the increased rates of loss of control in airline operations through Upset Prevention and Recovery Training (UPRT). We train our trainees to combat the continuing dominance of multi-crew human factors in accidents through Threat and Error Management (TEM) and Crew Resource Management (CRM). We also provide MPL training for an airline based on its own operating procedures. The practical training is comprised of different flight exercises at different stages both on an FTD and on actual airplane.

Academics / A / C
DA 40 and DA 42/ SIM DA 40 and
DA 42/Type Training (B737 or Q400)

Academics = 870 hrs A/C = 96.5hrs (DA 40 and DA 42) SIM = 100hrs (DA 40 and DA 42) Type Training = 200 hrs (B737 or Q400)

PILOT TRAINING COURSES

COURSE DESCRIPTION

METHOD

DURATION



FLIGHT INSTRUCTOR DEVELOPMENT **TRAINING**

The course is designed to train flight instructors with no previous flying experience by using a well-organized and logically sequenced integrated syllabus for the ground and flight training. The syllabus is developed based on Ethiopian Civil Aviation Authority Regulations and ICAO requirements for Airline Transport Pilot License (ATPL), CPL and IR/ME Requirements. Moreover, due consideration is given to fulfill EASA ATPL Theoretical Knowledge requirements. The flight training comprises of flight exercises at different stages both on an FTD and on actual airplanes. Additional 30hrs SIM and 45Hrs of aircraft flying time are included in the flight instructor training in addition to the basic commercial license flight training hours.

Academics Aircraft (DA40/42, Cessna 172) SIM (DA40/42, Cessna 172)

Academics = 870hrs Aircraft = 149hrs (DA 40 or Cessna 172, and DA 42) SIM = 82hrs (DA 40 or Cessna 172 and DA 42)

52hrs Academics 30Hrs SIM, and 45Hrs A/C



The training includes control and supervision of flight preparation, furnishing flight information, preparing operational and Air Traffic Service (ATS) flight plans, and facilitating normal and emergency in-flight communication between ATC and Pilot-In-Command.

Classroom/practice

Academics = 280 hrs On-the-Job Yraining (OJT) = 581 hrs

ELEARNING COURSE





Instrument Rating

This program enables to exercise PPL/CPL under IFR on multi-engine aircraft having night rating qualification.

Flight on actual aircraft

Ground Class, Flight on FTD; 2 months - including 80 hours ground class, 30 hours Flight on FTD, 13 hours actual flight

Multi-Engine Rating

The program enables trainee:

- To fly an aircraft more than one engine (number is unlimited)
- Undergo a jet type-rating training
- Serve as a multi-engine Instructor (when combined with CFI license)
- Utilize a multi-engine aircraft in any ICAO country

Ground Class, Flight on FTD; 2 weeks - including 20 hrs briefing/ Flight on actual aircraft

debriefing, 10 hrs flight on FTD, 10 hours flight on actual aircraft.

Flight Instructor Rating

The program enables trainee to conduct flight instruction on PPL and type ratings for single-engine airplanes.

Flight on actual aircraft

Ground Class, Flight on FTD; 3 months - including 30 hrs of flight on FTD and 45 hrs of flight on actual aircraft.

Q-400 Type Rating Training

The program is offered to commercial pilots who wish to achieve specific DH-8 type rating for Captain & First Officer.

CBT 80 Hrs. (10 Days) It is not available online, 5 FBS, 8 FFS & 5 Check Ride

B 737 Type Rating Training

It is an advanced flight training courses for commercial pilots who wish to achieve a specific Boeing aircraft type rating for Captain & First Officer.

CBT 120 Hrs. (15 Days & available online), CBT, FBS & FFS 10 FBS, 9 FFS, 1 Check Ride & 1 ZFT

B 767 Type Rating Training

It is an advanced flight training course for commercial pilots who wish to achieve a specific Boeing aircraft type rating for Captain & First Officer.

CBT. FBS & FFS

CBT, FBS & FFS

CBT 120 Hrs. (15 Days & available online), 10 FBS, 8 FFS, 1 Check Ride & 1 ZFT

CERTIFICATION









B 777 Type Rating Training	It is an advanced flight training courses for commercial pilots who wish to achieve aircraft type rating for Captain & First Officer.	CBT, FBS & FFS	CBT 84 Hrs. (11 Days & available online), 5 FBS, 5 FFS, 1 Check Ride, 1 ZFT & 1LVS
B 787 Type Rating Training	It is an advanced flight training courses for commercial pilots who wish to achieve aircraft type rating for Captain & First Officer.	CBT, FBS & FFS	CBT 84 Hrs. (11 Days & available online), 6 FBS, 5 FFS, 1 Check Ride, 1 ZFT & 1LVS
A 350 Type Rating Training	It is an advanced flight training courses for commercial pilots who wish to achieve aircraft type rating for Captain & First Officer.	CBT, FBS & FFS	CBT 137 Hrs. (18 Days & available online), 6 FBS, 14 FFS(including 1 Check Ride, 1 ZFT & 1LVS)
Q400/B-737/B767/B777/B787 Conversion / Requalification Training	It is designed for pilots who seek requalification on this specific aircraft featuring ground school and simulator training to achieve recurrent proficiency.	CBT, FBS & FFS	CBT 40 Hrs. (5 Days) It is available online, 5 FBS, 5 FFS & 1 Check Ride

The program is prepared for commercial pilots who wish to validate

their commercial type rating license every six months.

METHOD

CBT, FBS & FFS



DESCRIPTION

TITLE

Recurrent Training

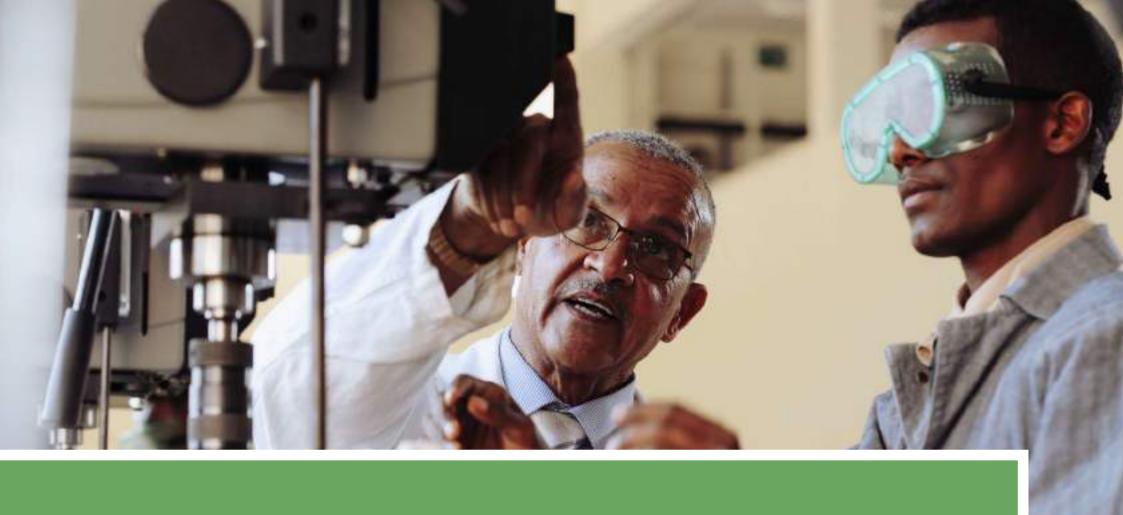
Q400,B737,B767,B777,B787 & A350



DURATION

CBT 16 Hrs. (2 Days) It is optional, 1 FFS &

1 Check Ride



Aircraft Maintenace School

The Aircraft Maintenance School offers six different diploma programs, covering the full range of modern aircraft maintenance training. We offer a balance of theoretical and practical training, and incorporate the latest industry technologies and standards in order to give our graduates the knowledge and skills necessary for success in a range of aviation-related technical careers.

Our course offerings cover a wide variety of aircraft maintenance subjects, including line and hangar maintenance on aircraft with gas turbine engines, testing, troubleshooting and repair of major avionic components, aircraft structural maintenance, and more. We also offer specialized certificate courses providing training on twelve different types of aircraft engines.

AIRCRAFT MAINTENANCE DIPLOMA COURSES

COURSE DESCRIPTION

METHOD

DURATION



Aviation Maintenance **Technician** (AMT)

This training is intended to enable trainees to perform line and hangar maintenance on aircrafts with gas turbine engines. The training contains a balance of theoretical and practical training which incorporates new technologies as per the industry standard and international regulatory body requirements.

Classroom/ practical

371 days



Aircraft Structure Maintenance **Technician** Courses Diploma

This training is designed to enable trainees to specialize in aircraft structural maintenance. The training will be more competency based in that trainees will be able to accomplish a real set of structural repair tasks.

Classroom/ practical

255 days

ELEARNING COURSE







Avionics Component Maintenance Technician Courses Diploma This course is developed to enable trainees to perform testing, troubleshooting, and repair of major avionic components. The training includes avionics courses which are essential to acquire real set of competencies required to work in avionics component maintenance workshops.

Classroom/ practical

AIRCRAFT MAINTENANCE DIPLOMA COURSES

COURSE DESCRIPTION

METHOD

DURATION



Aircraft Cabin Maintenance **Technician** Diploma

This training is developed to enable trainees perform line, hangar and shop cabin maintenance activities. The training is designed to include all mechanical and avionics courses that are essential to acquire competencies required for line, hangar and shop cabin maintenance activities.

Classroom/practice

163 days

Aircraft Powerplant Maintenance **Technician** Training (Gas Turbine **Engine**)

This curriculum contains a balance of theoretical and practical training for Aircraft Powerplant Technicians to work in Gas Turbine Engine Overhaul workshops. Each course is designed for trainees to be exposed to a sufficient amount of practical projects, which will relate the training courses to the actual job environment.

Classroom/ practical





CERTIFICATION

Airframe Mechanical Component Maintenance

Courses included here integrate theoretical and practical training on various airframe components, such as hydraulic and landing gear, pneumatic and air-conditioning, fuel and oil. As a result, this will lay the foundation for a comprehensive understanding of system-related components.

Classroom/ practical

AIRCRAFT ENGINE SYSTEM AND COMPONENT SHOP CERTIFICATE COURSES

Aircraft Engine Shop courses included here are specialization courses, which will ensure that the trainees will be competent in the following skills upon completion of the course: inspection, disassembly, assembly, repair, overhaul and testing of Engine, APU, as well as other related components at engine overhaul workshop.

A350 XWB Engine	5 days
B777 GE90-115B Engine	5 days
B787 GEnx-1B Engine	5 days
B787 Trent 1000 Engine	5 days
B737NG CFM56-7B Engine	5 days
B737NG GTCP-131-9B APU	3 days
B757 PW4000 Engine	5 days
B757 PW2000 Engine	5 days
B757 Rolls Royce (RB211) Engine	5 days
B767 PW4000 Engine	5 days
B757/B767 GTCP-331 APU	3 days
B767NG CFC6-80C2 Engine	5 days
Q400 PW150 Engine	5 days

AIRCRAFT ELECTRIC SYSTEM AND COMPONENT SHOP CERTIFICATE COURSES

Aircraft Electric Shop courses included here are specialization courses, which will ensure that the trainees will be competent in the following skills upon completion of the course: inspection, disassembly, assembly, repair, overhaul and testing of various aircraft components routed to aircraft electric shops.

A350 Steam Oven and Coffee Maker	5 days
B777 Espresso Maker and Steam Oven	5 days
B777 Battery and Battery Charger	5 days
B737NG Window Heat Controller	5 days
B757/767 Cabin zone controller	5 days
B757/767 Galley system electrical component train	ning 15 days
B757/767 Antiskid system training	10 days
B757/B767 Battery Charger/Static Inverter	10 days
B757/767 Window Heat Controller	5 days

AIRCRAFT INSTRUMENT SYSTEM AND COMPONENT SHOP CERTIFICATE COURSES

Aircraft Instrument Shop courses included here are specialization courses, which will ensure that the trainees will be competent in the following skills upon completion of the course: inspection, disassembly, assembly, repair, overhaul and testing of various components related to aircraft cockpit instruments and backend line replaceable units (LRUs) at instrument shops.

B757/767 Electronic Display Unit	15 days
B737NG/B757/767 Radio Distance Magnetic Indicator	10 days
B737NG/B757/767/SSFDR and SSCVR	4 days
B757/767 Standby Altimeter and Airspeed Indicator	13 days
B757/767 Standby Attitude Indicator Training	5 days
B737NG/B757/B767 Fuel Quantity and Load Select	5 days
Indicator	5 days
B777 FDR and CVR	5 days
B737NG Standby Altimeter and Airspeed Indicator	

AIRCRAFT RADIO & IFE SYSTEM AND COMPONENT SHOP CERTIFICATE COURSES

Aircraft Radio and IFE Shop courses included here are specialization courses, which will ensure that the trainees will be competent in the following skills upon completion of the course: inspection, disassembly, assembly, repair, overhaul and testing of various components routed to Radio and IFE shops.

B777 XK516 HF system component B777 Thales I5000 Entertainment System B737-800 DPAVES B737-700 TES B787 I8000 Entertainment System B787/ Airbus Avant IFE System B737NG 490S-1 Antenna Coupler B767 HF Transceiver B767 DME -700 B767 ADF-700 B767 LRA 700 Radio Altimeter	5 days 5 days 5 days 4 days 5 days 5 days 5 days 10 days 10 days 10 days
B767 ADF-700	•







AIRCRAFT HYDRAULIC AND LANDING GEAR SYSTEM AND COMPONENT SHOP CERTIFICATE COURSES

Aircraft Hydraulic and Landing Gear Shop courses included here are specialization courses, which will ensure that the trainees will be competent in the following skills upon completion of the course: inspection, disassembly, assembly, repair, overhaul and testing of hydraulic and landing gear system components and use of state of the art test benches in carrying out these maintenance activities.

B777 Hydraulic & Landing Gear System & Component	5 days
B787 Hydraulic & Landing Gear System & Component	5 days
B737NG Hydraulic & Landing Gear System & Component	5 days
A350 Hydraulic & Landing Gear System & Component	5 days
B767 Hydraulic & Landing Gear System & Component	5 days
B757 Hydraulic & Landing Gear System & Component	5 days
Q400 Hydraulic & Landing Gear System & Component	5 days

AIRCRAFT PNEUMATIC AND AIRCONDITIONING SYSTEM AND COMPONENT SHOP CERTIFICATE COURSES

Aircraft Instrument Shop courses included here are specialization courses, which will ensure that the trainees will be competent in the following skills upon completion of the course: inspection, disassembly, assembly, repair, overhaul and testing of various components related to aircraft cockpit instruments and backend line replaceable units (LRUs) at instrument shops.

B757/767 Electronic Display Unit	15 days
B737NG/B757/767 Radio Distance Magnetic Indicator	10 days
B737NG/B757/767/SSFDR and SSCVR	4 days
B757/767 Standby Altimeter and Airspeed Indicator	13 days
Training	
B757/767 Standby Attitude Indicator Training	5 days
B737NG/B757/B767 Fuel Quantity and Load Select	5 days
Indicator	
B777 FDR and CVR	5 days
B737NG Standby Altimeter and Airspeed Indicator	

AIRCRAFT FUEL AND OIL SYSTEM AND COMPONENT SHOP CERTIFICATE COURSES

Aircraft Fuel and Oil Component Shop courses included here are specialization courses, which will ensure that the trainees will be competent in the following skills upon completion of the course: inspection, disassembly, assembly, repair, overhaul and testing of fuel and oil system components and use of state of the art test benches in carrying out theses maintenance activities.

B777 Fuel and Oil System & Component	5 days
B787 Fuel and Oil System & Component	5 days
B737NG Fuel and Oil System & Component	5 days
A350 Fuel and Oil System & Component	5 days
B767 Fuel and Oil System & Component	5 days
B757 Fuel and Oil System & Component	5 days
Q400 Fuel and Oil System & Component	5 days

AIRCRAFT WHEEL, BRAKE AND TIRE SYSTEM AND COMPONENT SHOP CERTIFICATE COURSES

Aircraft Wheel, Brake, and Tire System and Component Shop courses included here are specialization courses, which will ensure that the trainees will be competent in the following skills upon completion of the course: inspection, disassembly, assembly, repair, overhaul and testing of wheel, brake and tire system components and use of state of the art test benches in carrying out theses maintenance activities.

B777 Wheel, Brake and Tire System Component	5 days
B787 Wheel, Brake and Tire System & Component	5 days
B737NG Wheel, Brake and Tire System & Component	5 days
A350 Wheel, Brake and Tire System & Component	5 days
B767 Wheel, Brake and Tire System & Component	5 days
B757 Wheel, Brake and Tire System & Component	5 days
Q400 Wheel, Brake and Tire System & Component	5 days



AIRCRAFT CABIN MAINTENANCE SHOP CERTIFICATE COURSES

Aircraft Cabin Maintenance Shop courses included here are specialization courses, which will ensure that the trainees will be competent in the following skills upon completion of the course: inspection, disassembly, assembly, repair, overhaul and testing of cabin maintenance shop components and use of state of the art test benches in carrying out theses maintenance activities

B777 Seats, interior furnishing, escape slide, & emergency equipment	5 days
B787 Seats, interior furnishing, escape slide, & emergency equipment	5 days
B737NG Seats, interior furnishing, escape slide, & emergency equipment	5 days
A350 Seats, interior furnishing, escape slide, & emergency equipment	5 days
B767 Seats, interior furnishing, escape slide, & emergency equipment	5 days
B757 Seats, interior furnishing, escape slide, & emergency equipment	5 days
Q400 Seats, interior furnishing, escape slide, & emergency equipment	5 days





AIRCRAFT STRUCTURE SHOP CERTIFICATE COURSES

Aircraft structure shop courses included here are specialization courses, which will ensure that the trainees will be competent in the following skills upon completion of the course: damage identification, evaluation and repair of aircraft structures

Advanced aircraft metallic structure repair technique training	5 days
Advanced aircraft composite structure repair technique training	5 days

NON-EASA APPROVED AIRCRAFT SYSTEM CERTIFICATE COURSES

Aircraft system training courses delivered with state of the art desktop simulators and virtual maintenance (VMTs) trainers ensure competency of maintenance personnel in theoretical and practical skill required to carry out both scheduled and unscheduled aircraft maintenance activity at base and line maintenance area

Airbus A350(Trent XWB Engine) Airframe, Powerplant and Avionics	40 days
system B777-200/300 (GE90-115B Engine) airplane airframe, powerplant	45 days
and avionics system B777-200/300 (GE90-115B Engine) Freighter Difference Course	5 days
B787-800/900 (Genx-1B Engine)airframe, powerplant and avionics system	40 days
B737-600/700/800/900 (CFM56-7B Engine) airframe, powerplant and avionics level III system	45 days
B737-300/400/500 (CFM56-3C Engine) airframe, powerplant and avionics level III system	45 days
B767-200/300 (PW4000/CF6-80C2 Engine) airframe, powerplant and avionics system	45 days
B757-200/300 (PW2000/RR115B Engine) airframe, powerplant and avionics system	45 days
Q-400 (PW150A Engine) airframe, powerplant and avionics system	40 days

EASA PART 147 APPROVED B1/B2 AIRCRAFT SYSTEM TRAINING

EASA part 147 approved B1/B2 aircraft system training courses delivered with state of the art computer based trainers (CBTs) ensure competency of maintenance personnel in theoretical and practical skill required to carry out both scheduled and unscheduled aircraft maintenance activity at base and line maintenance area

B737-600/700/800/900 (CFM56-7BEngine) EASA Approved	50 days
B1/B2 system training	
B767-200/300 (PW4000 Engine) EASA Approved B1/B2	50 days
system training	
B757-200/300 (PW2000 Engine) EASA Approved B1/B2	50 days
system training	

TECHNICAL RECURRENT GENERIC COURSES

The technical recurrent generic course is a blended online and classroom training prepared as per current regulatory body requirement to acquaint aircraft maintenance personnel with a basic knowledge on international aviation regulation, human factor, and safety related topic that are standard requirements to work as aircraft maintenance technician.

ICAO Regulation training	2 days
FAA Regulation training	2 days
EASA Part 66 M training	2 days
Aviation Legislation training	4 days
Human Factors training	3 days
Fuel Tank Safety training	2 days
Electrical Wiring Interconnection Systems (EWIS) training	3 days









Cabin Crew & Catering Training

The Ethiopian Cabin Crew Training Center is a leading provider of quality cabin crew training, upholding the tradition of training a professional work class cabin crew. The training center has a outstanding reputation in the industry for consistently achieving the highest industry standard level of training for over 58 years.

The Ethiopian Aviation Academy Cabin Crew School offers IATA & ECAA approved basic and recurrent programs with a combination of classroom

and practical training with Wide Body and Motion Narrow body Mockups. The training is conducted by dedicated and competent instructors. Trainings are conducted with the highest Safety Standards in order for the trainees to achieve the highest standard of customer service skills.

Our main goal is to provide aspiring trainees from all over the world with an opportunity to start their career in aviation, or allow more seasoned members of aviation to further advance in their careers.





Basic Cabin Crew Training

This training is intended to qualify new professionals planning to join the industry as cabin crew members aboard a modern airline. The course includes Safety & Service on training Bombardier Dash 8 Q400, Boeing 737NG, 757, 767, 777, 787 & Airbus 350 aircraft.

Classroom & Practical with Motion Mockup





CABIN CREW COURSES

COURSE DESCRIPTION METHOD DURATION



This course enables new cabin crew trainees to develop the required competencies in the area of aviation safety including familiarization with safety policy and procedures, functions of emergency equipment along with practical drills.

Classroom & Practical





Cabin Crew Safety Recurrent	This course is designed to update and refresh the competencies of Cabin Crew members who are already on the job.	Online, Classroom & Practical	3 days
Fire Drill Theory and Practical with Motion Mockup	This module aims to provide Cabin Crew members with sufficient knowledge, skill and attitude to identify fire hazards and apply firefighting procedures.	Classroom & Practical	3 days
Actual Fire Fighting and Smoke Removal With full Motion Mock Up	This practical training provides skills for Cabin Crew members to operate different types of fire extinguishers and protective breathing equipment.	Practical	2 days
Fire Fighting Equipment-Hands-On-Drill	This course enables Cabin Crew members to perform exercises on retrieving and operating fire- fighting and protective equipment.	Hands -on-Drill	1 day
Turbulence Drill With Motion Mock Up	This practical training enables Cabin Crew members to minimize accidents that may affect passengers and crew members due to different levels of turbulence during phases of a flight.	Practical	1 day
Decompression with Wide/Narrow Body Motion Mockup	The module aims to provide Cabin Crew members with the sufficient skills and attitude to properly apply cabin pressurization or perform a decompression procedure.	Practical	1 day
Emergency Landing/Ditching	This module aims to provide Cabin Crew members with sufficient knowledge, skill and attitude to properly perform their duties during anticipated and unanticipated emergency landings at land or sea.	Classroom & Practical	2 days
Ditching Drill with full swimming pool attached Mockup	This practical Training enables Cabin Crew members to safely and properly evacuate passengers during Ditching.	Practical	1 day
Evacuation Drill with Motion Mockup	This practical Training enables Cabin Crew members to safely and properly evacuate passengers during Ditching.	Practical	1 day
Bombardier Dash 8 Q400 Training	This course is designed to qualify the Cabin Crew members to perform duties on Bombardier Dash 8 Q400 as a type-rated professional.	Classroom & Practical	5 days
Bombardier Dash 8 Q400 practical training	The course provides practice opportunities on door operation, emergency procedures and cabin systems.	Practical	1 day





ELEARNING COURSE

Boeing-737 Training	The course is designed to qualify Cabin Crew to perform duties on B-737 Aircraft.	Classroom	3 days
Boeing-737 Practical training	The course provides practical training and practice opportunities on door operation, emergency procedures and cabin systems.	Practical	1 day
Boeing-757 Type Training	The course is designed to qualify Cabin Crew to perform duties on B-757 Aircraft.	Classroom & Practical	3 days
Boeing-757 Practical training	The course provides practice opportunities on door operation, emergency procedures and cabin systems.	Practical	1 day
Boeing-767 Type Training	The course is designed to qualify Cabin Crew to perform duties on B-767 Aircraft.	Classroom & Practical	3 days
Boeing-767 Practical training	The course provides practice opportunities on door operation, emergency 'procedures and cabin systems.	Practical	1 day
Boeing-787 Type Training	The course is designed to qualify Cabin Crew to perform duties on B-777 Aircraft.	Classroom & Practical	3 days



Boeing-787 Practical training	The course provides practice opportunities on door operation, emergency procedures and cabin systems.	Practical	1 day
Boeing-777 Type Training	The course is designed to qualify Cabin Crew to perform duties on B-787 Aircraft.	Classroom & Practical	3 days
Boeing-787 Practical training	The course provides practice opportunities on door operation, emergency procedures and cabin systems.	Practical	1 day
Air Bus-350 Type Training	The course is designed to qualify Cabin Crew to perform duties on A-350 Aircraft.	Classroom & Practical	3 days
Air Bus-350 Door Training	The course provides practical training and practice opportunities on door operation of the Airbus A350 Aircraft.	Practical	1 day
Crew Resource Management	This course enables participants to apply human performance capabilities and limitations in their daily activities to real-life scenarios, and improve their communication, skills, decision-making skills, and teamwork.	Classroom	3 days
Dangerous Goods Regulations - initial (Category 11)	This course enables participants to identify and handle hazardous materials that could be carried onboard an aircraft based on the IATA Dangerous Goods Regulation.	Classroom	2 days
Dangerous Goods Regulations - Refresher (Category 11)	This course is designed to update and refresh the competencies of the Cabin Crew, who have already attended initial dangerous goods regulations training.	Online	1/2 day
Cabin Health and First Aid	This course is designed to enable Cabin Crew to manage medical emergencies and risks onboard the aircraft.	Classroom & practical	3 days
Cabin Health and First Aid Refresher	The course is designed to update and refresh the competencies of Cabin Crew members who have already attended initial Cabin health and First Aid training.	Classroom & Practical	1 day
Basic Cabin Crew Grooming	The module aims to provide trainees with the skills, knowledge and attitude required to positively act as a cohesive Cabin Crew by grooming and maintaining an appropriate lifestyle similar to that of a professional Cabin Crew.	Classroom & Practical	6 days







ELEARNING COURSE



In-Flight Service

This unit involves the skills and knowledge required to provide comprehensive in-flight services, such as food and beverage, to passengers on a commercial aircraft.

Classroom & Practical 15 days

Basic Aviation Catering

This course enable participants to develop the competencies required to manage aviation catering activities for in-flight catering services, based on the FDRE Ministry of Education and IATA regulations.

Classroom & Practical 3 months

Food & Beverage Control

This course is designed to update and refresh the competencies of hotel operators in the food and beverage department who have already attended basic catering training.

Classroom & Practical 120 hrs

HACCP, Food Safety & Hygiene

This course is designed to enable aviation catering, hotel, and restaurant employees to manage international food safety systems and procedures in the hospitality industry.

Classroom & practical 8 & 40 hrs

Hotel Operation Level 1, 2

The course aims to enable trainees to develop the competencies required to work as a qualified professional in a bar, restaurant, laundry, information center, porter service centers, point of sale, and accommodation centers per the customer service standards of the organization.

Classroom & Practical 2 years







Commercial & Ground Services School

Soft Skills Training

It takes more than technical competence for you to successfully deliver outstanding customer service. This course will guide

you to better understand your unduplicated personality and acquire emotional intelligence so as to bring agility in your overall

along with existing conventions and agreements.

performance.

Advanced Passenger Fares and Ticketing (Basic passenger fares and ticketing is a prerequisite)

The course enables trainees to construct normal fares of single pricing units and consecutive or contiguous pricing units.

Classroom 8 days

Customer Service Training

Customer experience training is crucial for any organization that works with customers or clients. Communication, Customer Experience, Attitude, Interpersonal Skills, Customer Acquisition, Adaptability, Customer Service Skills Training and Tips are included in this training.

Classroom

Classroom







Airport Passenger Handling

This course in passenger services is designed to make you both customer-focused and knowledgeable in the many roles you may

service excellence.

customer-focused and knowledgeable in the many roles you may fill as a front-line employee, including Meet and Greets, Check-in, Boarding, Arrivals and / or Reservations.

The course is dedicated to all the employees who are involved in

check-in activities, special guest handling, travel document and baggage detail handling.

World Tracer - Central Baggage Tracing

This course will allow you to use the World Tracer Management

System, which has the capability to create, amend, retrieve, and read different types of bag files, as well as creating rush/expedite bag labels with their appropriate forwarding message.

Automated Air Cargo System (Cargo Spot)

This course on Cargo Spot is

This course on Cargo Spot is designed to create an understanding of the air freight's most widely used and comprehensive cargo management system, which provides carriers with complete end-to-end control over the sale, operation, and management of cargo.

Dangerous Goods Regulation - Category 6 (including Cat 1, 2 and 3)

SABRE SONIC Check-in (SSCI)

This training will assist trainees to apply the IATA Cargo Dangerous Goods Regulations correctly, as well as understand and discern the legal aspects and the responsibility of shippers, agents, and airlines involved in transporting dangerous goods.

Dangerous Goods Regulation - Category 8 & 10

Pilots and load masters will be able to recognize undeclared Dangerous Goods after this training by effectively applying the IATA's Dangerous Goods Regulations manual, and complete the necessary dangerous goods transport documents.

Dangerous Goods Regulation - Category 9 & 11

This training is designed for passenger handling staff to deal with Dangerous Goods that could be carried aboard an aircraft by passengers. It will enable participants to distinguish declared dangerous goods by using the IATA's Dangerous Goods Regulations manual.

Classroom

om 5 days

Classroom

Classroom 5 days

Classroom

Classroom

m 5 days

Classroom

Classroom

1 day

1 day

5 days

5 days





ELEARNING COURSE

TITLE	DESCRIPTION	METHOD	DURATION
Dangerous Goods Regulation - Category 4 & 7	This training is designed for freight forwarders to deal with Dangerous Goods. It will enable participants to distinguish declared dangerous goods by using the IATA's Dangerous Goods Regulations manual.	Classroom	1 day
Dangerous Goods Regulation - Category 12	This training is designed for security staff to deal with Dangerous Goods that could be carried aboard an aircraft by passengers. It will enable participants to distinguish declared dangerous goods by using the IATA's Dangerous Goods Regulations manual.	Classroom	1 day
Live Animal Regulations	This course will teach you how to transport live animals by air safely, and in the correct container and with the correct documentation. You will learn about container requirements, documentation requirements, and awareness of animals' health, along with how to comply with standards and international welfare regulations.	Classroom/Virtual	10 hours
Perishable Cargo Handling	This training will enable you to understand government requirements pertaining to the transport of perishable cargo, along with requirements on handling, marking, and labeling. You will also master the necessary packaging requirements for documentation when transporting perishable cargo.	Classroom	8 hours



Ramp Handling and ULD Control	Ramp handling services ensure the efficient turnaround of aircraft so that flights stay on schedule. This course offers an introduction to ramp services as well as the ground handling standards and safety requirements you need to know to work safely on the ramp, along with what is required to ensure a safe and efficient ULD handling.	Classroom/Virtual	5 days
Aircraft Weight & Balance - passenger Aircraft (Narrow Body)	This course will enable you to understand the theories and principles of weight and balance, and identify the various weights used in the compilation of a load-sheet. You will also be able to construct indexes and understand their use, as well as become familiar with the design of trim charts for passenger carrying aircrafts.	Classroom	3 days
Aircraft Weight & Balance - freighter Aircraft	This course will enable you to understand the theories and principles of weight and balance, and identify the various weights used in the compilation of a load-sheet. You will also be able to construct indexes and understand their use, as well as become familiar with the design of trim charts for cargo carrying aircrafts.	Classroom	5 days
SABRE Load Manager	The automated SABRE load manager training will enable you to manually create flights and display active flight data. You will also master fuel, passenger, and cargo payload distribution manipulation on the SABRE load manager screen.	Classroom	7 hours
Occupational Health and Safety	This training will enable trainees to identify, assess, and manage workplace hazards. The role of safety representatives and health service outlets at the work place will also be covered in this training.	Classroom	2 days
DOT's (Non-Discrimination Rules on the basis of disability)	The training will introduce a proactive approach for assisting individuals with disabilities throughout the airport. You will understand the requirements in place for wheelchair passengers and disabilities that are traveling with a service animal to, from, or within the United States.	Classroom	1 day
Selling Skills	This course will enable you to understand the psychology and principles of selling. You will be able to create lasting first impressions, build trust and rapport, and learn questioning and listening skills to uncover customer needs.	Classroom	3 days





TITLE	DESCRIPTION	METHOD	DURATION
Aviation Security	Our cargo security training will enable you gain knowledge in order to make hauling operations run smoothly. Passenger security	Classroom	1 day
Down Cafety and Aircide Cafety	training will also create awareness on ways to handle unruly passengers at the airport.	Classroom	1 day
Ramp Safety and Airside Safety	Ramp safety training ensures compliance to safety standards for safe and efficient turnaround of aircrafts. This course offers an introduction to ramp safety as well as the ground handling standards and safety requirements you need to know to work safely on the ramp.	Classioum	1 day
Defensive Driving & Ramp Safety	This training will enable you to understand which physical conditions may affects driving, which mental condition affects driving, as well as factors which may distracting a driver and safe driving distance practices.	Classroom	1 day
Customer Care	This training will enable you to provide exceptional customer	Classroom	7 day

service, identify the benefits of great customer service, and



Belt Loader (Theoretical & Practical)	This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Belt Loader.	Classroom	1&1/2 days
Air Start Unit (Theoretical & Practical)	This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Air Start Unit.	Classroom	1 day
Pallet Transporter (Theoretical & Practical)	This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Pallet Transporter.	Classroom	1 day
Pushback Tractor/Pay Mover (Theoretical & Practical)	In this training, you will learn how to safely operate pushback conventional tugs and move departing aircrafts away from the gate or ramp area.	Classroom	2 days
Fork Lift (Theoretical & Practical)	This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Fork Lift.	Classroom	1 day
Grove (Theoretical & Practical)	This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Grove.	Classroom	1 day
Tug/Tow Tractor (Theoretical & Practical)	This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Tug/Tow Tractor.	Classroom	1 day
Cherry Picker (Theoretical & Practical)	This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Cherry Picker.	Classroom	1day
Scissor Lift (Theoretical & Practical)	This course is designed to train ramp operators on the proper operation and loading/unloading of heavy cargo, including lifting systems, platform maneuvering, and electro-hydraulic controls.	Classroom	1 & ½ days
Platform (Theoretical & Practical)	This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Platform.	Classroom	1 & ½ days
Passengers Step (Theoretical & Practical)	This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Passengers Step.	Classroom	1 day





ELEARNING COURSE





Wheelchair	Iruck	(Theoretical & Practical)

This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Wheelchair Truck.

Classroom 1 day

Lavatory / Water Truck (Theoretical & Practical)

This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Lavatory / Water Truck.

Classroom 1 day

Ramp Bus/COBUS (Theoretical & Practical)

This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Ramp Bus/COBUS.

Classroom 1 day

Portable Air Compressor (Theoretical & Practical)

This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Ramp Portable Air Compressor. Classroom 1 day

Ground Power Unit (GPU) (Theoretical & Practical)

In this training, ramp agents will learn how to properly and safely connect Classroom and disconnect ground power units, as well as understand the safety precautions required when supplying power to parked aircraft.

1 day







TITLE	DESCRIPTION	METHOD	DURATION
Aircraft Jack Operation (Theoretical &	This training will enable you to identify safety precautions, describe	Classroom	1 & ½ days
Practical)	functions and types of components, and familiarize oneself with operation & emergency procedures of Ramp Aircraft Jack Operation.	OldSSIOOTTI	T & /2 days
Aircraft Jack Operation (Theoretical & Practical)	This training will enable you to identify safety precautions, describe functions and types of components, and familiarize oneself with operation & emergency procedures of Ramp Aircraft Jack Operation.	Classroom	3 days
Hydraulic System	This training will enable you to identify hydraulic systems & safety precaution, understand hydraulic circuit, describe functions and types of component, and perform maintenance task of hydraulic system.	Classroom	
Pneumatic System	This training will enable you identify pneumatic systems & safety precaution, understand pneumatic circuit, describe function & types of component, perform maintenance task of pneumatic system.	Classroom	2 days









Leadership and Career Development

The Management Development Training of Ethiopian Airlines was initially instituted in 1957. The program aims to send higher management personnel abroad in order to bridge the gap for advanced training in accordance with the agreement reached between Ethiopian and USA governments. The training program has escalated its effort to capacitate its supervisors and managers for more responsible positions. In 1968, the training program was reinstated as the Manpower Development Program (MDP).

In 2008, the Section was reestablished as the Leadership and Career Development Training Section under the Ethiopian Aviation Academy. Since the time of its establishment, the Section has been delivering various leadership and career related trainings for both Ethiopian Airlines staff and third party customers such as foreign airlines. In addition to leadership and career development trainings, the Section also provides English language trainings under its Language and Communication Development Center (LCDC).



through improved use of time, better performance, and increased profitability through the development of essential habits of good

time management.





and implementation by identifying the major focus areas and

challenges of leading changes.







recruit, select, and place employees. This training also assists with conducting performance appraisals and the administration of

different rewards and benefit packages.





ELEARNING COURSE









crew and ground services personnel.



English for Cargo Handling Agents

This training is designed in accordance with IATA's standard material for cargo handling agents so that they may demonstrate efficient English language skills to communicate with cargo customers as well as with colleagues in different contexts.

Classroom/CBT 80 hours

English for Call Center and Ticketing Agents

This course is designed to help call center and ticketing agents develop effective communication skills so that they may exceed expectations of the customers they handle in various situations. Classroom/CBT 80 hours

English for Airport Handling Agents

This course is developed for airport passenger handling agents, for aircraft ramp handling agents, and for airline commercial and ground handling agents so that they may learn to develop and demonstrate effective communication skills with customers at different work stations.

Classroom/CBT

80 hours

*CBT: Computer Based Training

Language and Communication Development Center also conducts ICAO Aviation English Proficiency Rating for ab-initio and line pilots.





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