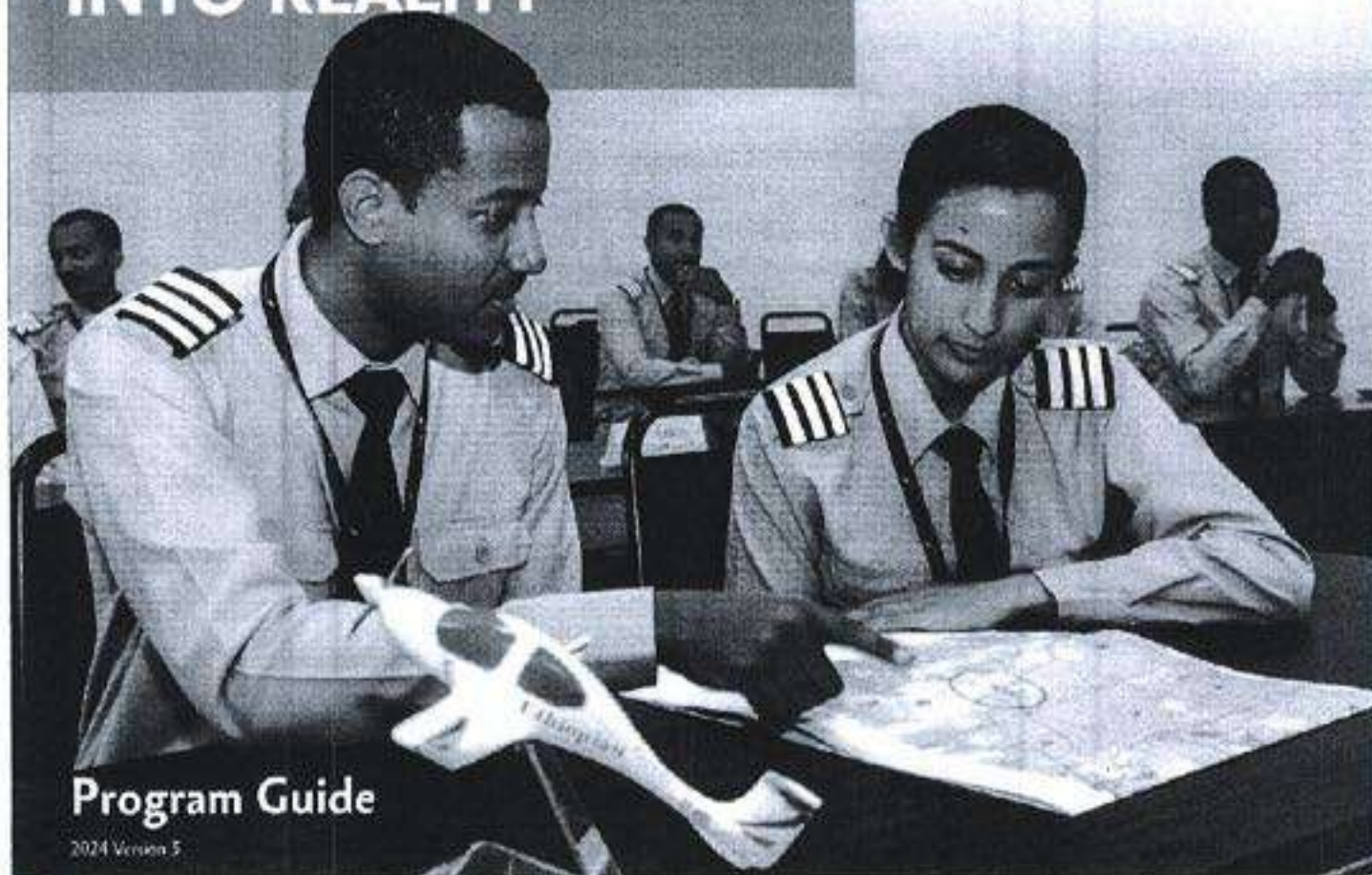


**TURN YOUR DREAMS
INTO REALITY**



Program Guide

2024 Version 5

ETHIOPIAN AVIATION UNIVERSITY
THE BEST CHOICE TO BECOME AN AVIATOR



Ethiopian Aviation University maintains the highest academic standards with the latest aviation industry developments and knowledge through its postgraduate, undergraduate, diploma and certificate programs.

Postgraduate and Undergraduate Programs

- ✓ MBA in Aviation Management
- ✓ MSc in Data Science
- ✓ BSc in Aeronautical Engineering
- ✓ BSc in Aircraft Maintenance Engineering
- ✓ BSc in Aviation Management & Operations
- ✓ BA in Travel, Tourism & Hospitality Management

Diploma and Certificate Programs

- ✓ Aircraft Maintenance Technician
- ✓ Pilot Training
- ✓ Cabin Crew and Commercial Training
- ✓ Leadership & Career Development Courses
- ✓ Catering Training
- ✓ ICAO Courses
- ✓ Online Courses



Visit us at : <https://eaw.edu.et>

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casualstream@ethiopianairlines.com

Telephone : 251115174600/8598



Accredited
Training School



Regional
Training Partner



Authorized
Training Center

WELCOME

Would you like to become competent aviation professional? You may have the dream of touring the skies, or you may probably want to stay on the ground to design and repair modern aircraft. Whether you want to become aviation leader or the owner of one of the diverse aviation sector, please come with your choice! We warmly welcome you laying out our welcome mat.

Ethiopian Aviation University has just evolved from Ethiopian Aviation Academy, the largest aviation academy in Africa with full membership of the ICAO TRAINAIR PLUS. Ethiopian Aviation University has finalized its preparation to train candidates in post graduate, undergraduate, diploma and certificate programs in myriad of field of studies. For instance, Master of Business Administration in Aviation Business Management, BSc in Aeronautical Engineering, BSc in Aircraft Maintenance Engineering, B.Sc. Aviation Management and Operations (Airline and Airport teams), BSc in Airport Management and Operations and BA Hospitality, Travel & Tourism are the areas from which you can choose.

Ethiopian Aviation University has the objective to satisfy the ever increasing demand of aviation professionals. Aviation industry is extremely diverse sector that offers job opportunities in various areas. These job opportunities range from core aviation fields like flight and engineering, customer service to positions in very complicated technical tasks.

We thank you for considering
Ethiopian Aviation University
for your training/education needs and look
forward to serving you.

Best Wishes,
Acting President
Ethiopian Aviation University (EAU)



Why Ethiopian Aviation University(EAU)?

With over seven decades of training experience and highly qualified trainers, we offer a full range of aviation training programs including selected ICAO and IATA courses, on-the-job training and a learning experience within an aviation operational environment.

Being a world class training center, Ethiopian Aviation University (EAU) is equipped with state of the art and best in class training equipment, devices and technology.

As a one-stop aviation training service provider, we offer diverse and comprehensive training programs at competitive prices.

In addition to the in-campus training, we deliver industry standard and customized trainings based on clients requirements at their location.

As you come to EAU, you may conveniently fly to Addis Ababa on Ethiopian Airlines direct flight from almost any corner of the world. We will assist you with your visa process, in-campus accommodation or hotel bookings at corporate rates. We will also facilitate airport transfer and other services that you may require.

Thank you for allowing EAU to be your aviation trainer of choice!



Vision

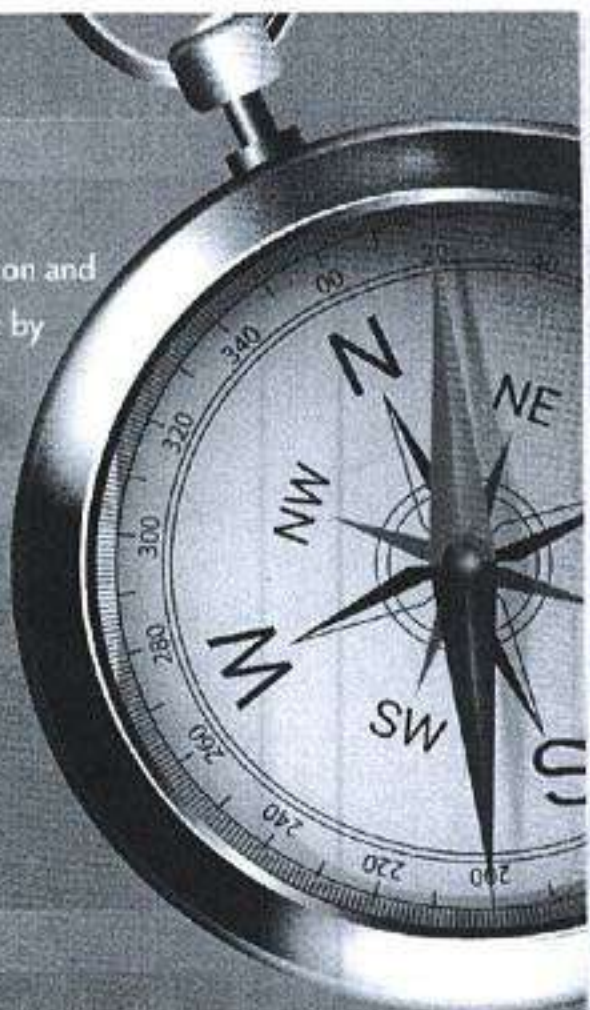
To lead and shape the future of aviation higher education and training in Africa, the Middle East, and the Asia Pacific by 2035

Mission

Ethiopian Aviation University is devoted to bettering the lives of the people of the nation, Africa, and the world at large through forward - thinking education, livening research and scholarship, and altruistic service

Values

- Professional Excellence;
- Integrity, respect, self-discipline, commitment and teamwork;
- Continuous quality improvement, innovation and knowledge sharing
- Dedication to highest customer satisfaction and service;
- Innovation and creativity



Contents

1 Postgraduate Programs

✓ Master of Business Administration in Aviation Management.....	8
✓ Master in Data Science.....	9

2 Undergraduate Programs

✓ B.Sc. in Aeronautical Engineering.....	10
✓ B.Sc. in Aircraft Maintenance Engineering.....	12
✓ B.Sc. in Aviation Management and Operation.....	14
✓ BA in Travel, Tourism and Hospitality Management.....	15

3 Diploma and Certificate Programs

✓ Pilot Training.....	16
✓ Aircraft Maintenance Technician.....	18
✓ Cabin Crew Training.....	20
✓ Commercial and Ground Services Training.....	22
✓ Catering & Hotel Operation Training.....	26
✓ Program Logic Control (PLC)- Short Courses.....	28
✓ Ground Support equipment (GSE)- Short Courses.....	28
✓ Aircraft Marshalling Training.....	29
✓ Competency Development Trainings.....	30
✓ Leadership & Career Development Courses.....	31
✓ Online Courses.....	32
✓ General Online Course.....	33
✓ ICAO Courses / Programs.....	34
✓ Other Services.....	35



Postgraduate Programs

MASTER OF BUSINESS ADMINISTRATION IN AVIATION MANAGEMENT

Aviation Business Management applies modern business practices to the special challenges of Aviation businesses. The program allows students to research into specific knowledge integrating Aviation and Aerospace applications.



36 Credit hours

(31= courses and 5= Project)

Postgraduate Programs

MASTER IN DATA SCIENCE

The M.Sc. in Data Science program is designed for individuals who want to develop a career as a data engineer and scientist. The program is structured to support the study of both theoretical and practical aspects of artificial intelligence and data science with a focus on aviation and aeronautics application and knowledge. The program is designed to support two in-depth focus tracks: Predictive Airplane Health Management (PAHM), and Operations Research and Strategic Planning for Aviation (ORSP)

37 Credit hours



Undergraduate Programs

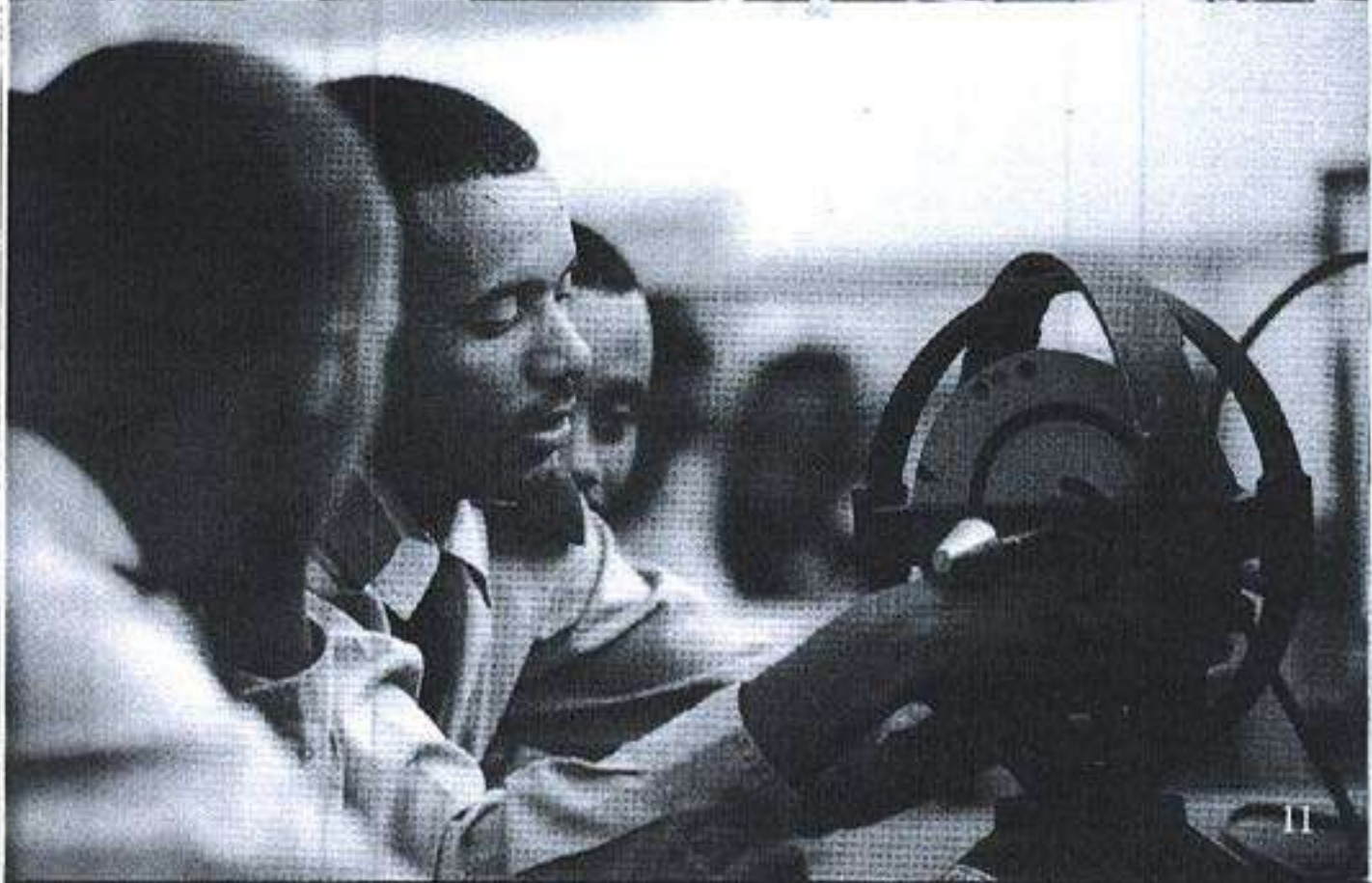
BACHELOR OF SCIENCE IN AERONAUTICAL ENGINEERING

Aeronautical engineering is the science of designing, manufacturing, testing and maintaining of flight-capable machines including satellites, jets, space shuttles, helicopters, military aircraft and missiles.

Aeronautical engineers are responsible for researching and developing new technologies that make flight machines and vehicles more efficient and function better.

Category	Course Credit
General Courses	31
Major Courses	67
Supportive Courses	74
BSc Project	8
Total	180



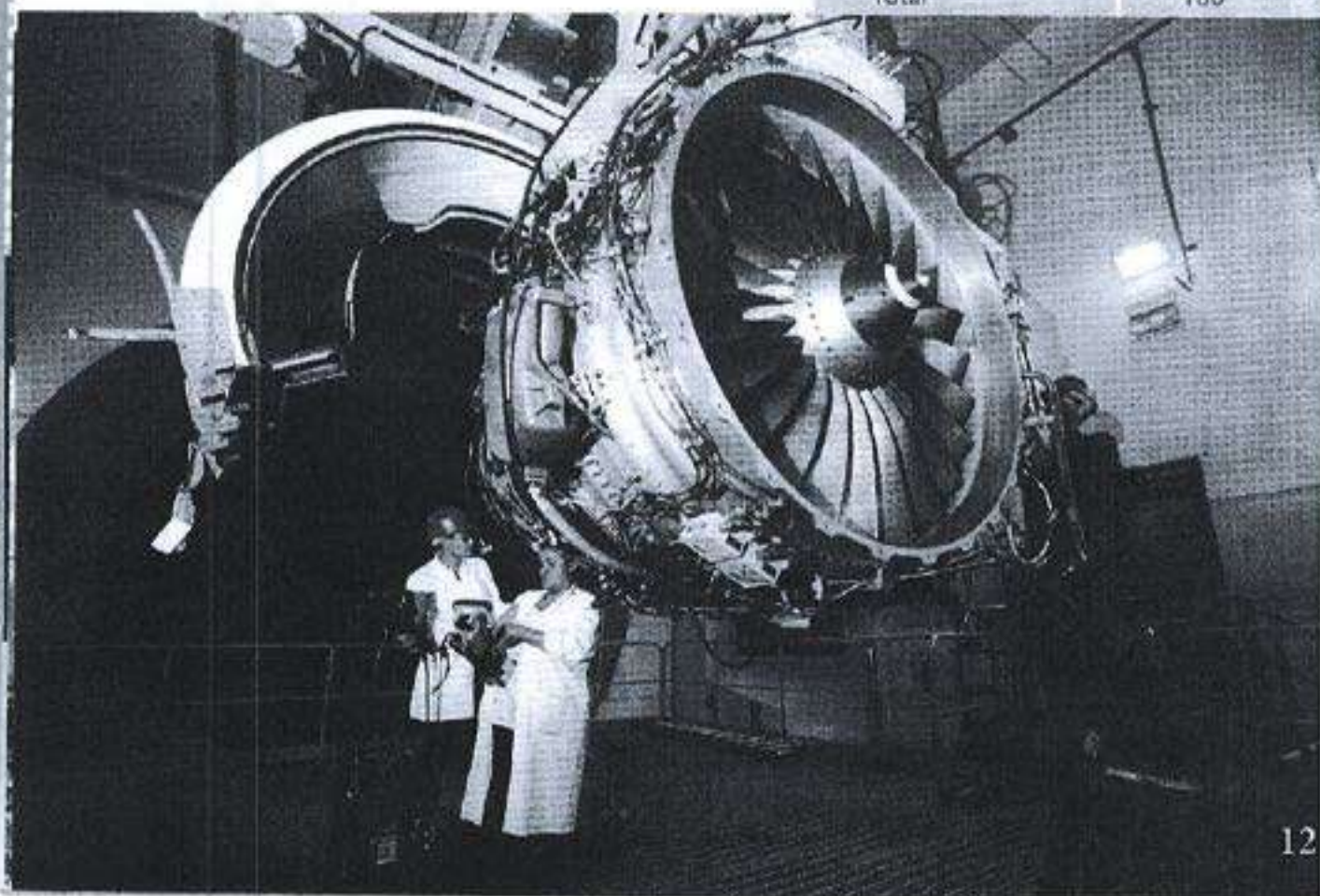


Undergraduate Programs

BACHELOR OF SCIENCE IN AIRCRAFT MAINTENANCE ENGINEERING

The field of Aircraft Maintenance Engineering enables students become competent aircraft maintenance engineers that meet the current demand in aviation maintenance engineering. They learn how to test the Aircraft for the correct functioning and play a major role keeping the aircraft airworthy at all times.

Category	Course Credit
General Courses	31
Major Courses	67
Supportive Courses	74
BSc Project	8
Total	180





Undergraduate Programs

BACHELOR OF SCIENCE IN AVIATION MANAGEMENT AND OPERATION

Bachelor's degree program in Aviation Management and Operations splits its focus between management concepts and practical Aviation Industry knowledge. Programs at the bachelor's degree level offer fundamental management courses along with those specific to the Aviation Industry. Learning about Aviation laws and regulations is a vital part of this degree program.

Category	Course Credit
General Courses	26
Major Courses	92
Supportive Courses	30
BSc Project	4
Total	152



Undergraduate Programs

BACHELOR OF ARTS IN TRAVEL, TOURISM AND HOSPITALITY MANAGEMENT

Category	Course Credit
General Courses	18
Major Courses	106
Supportive Courses	25
BSc Project	4
Total	153

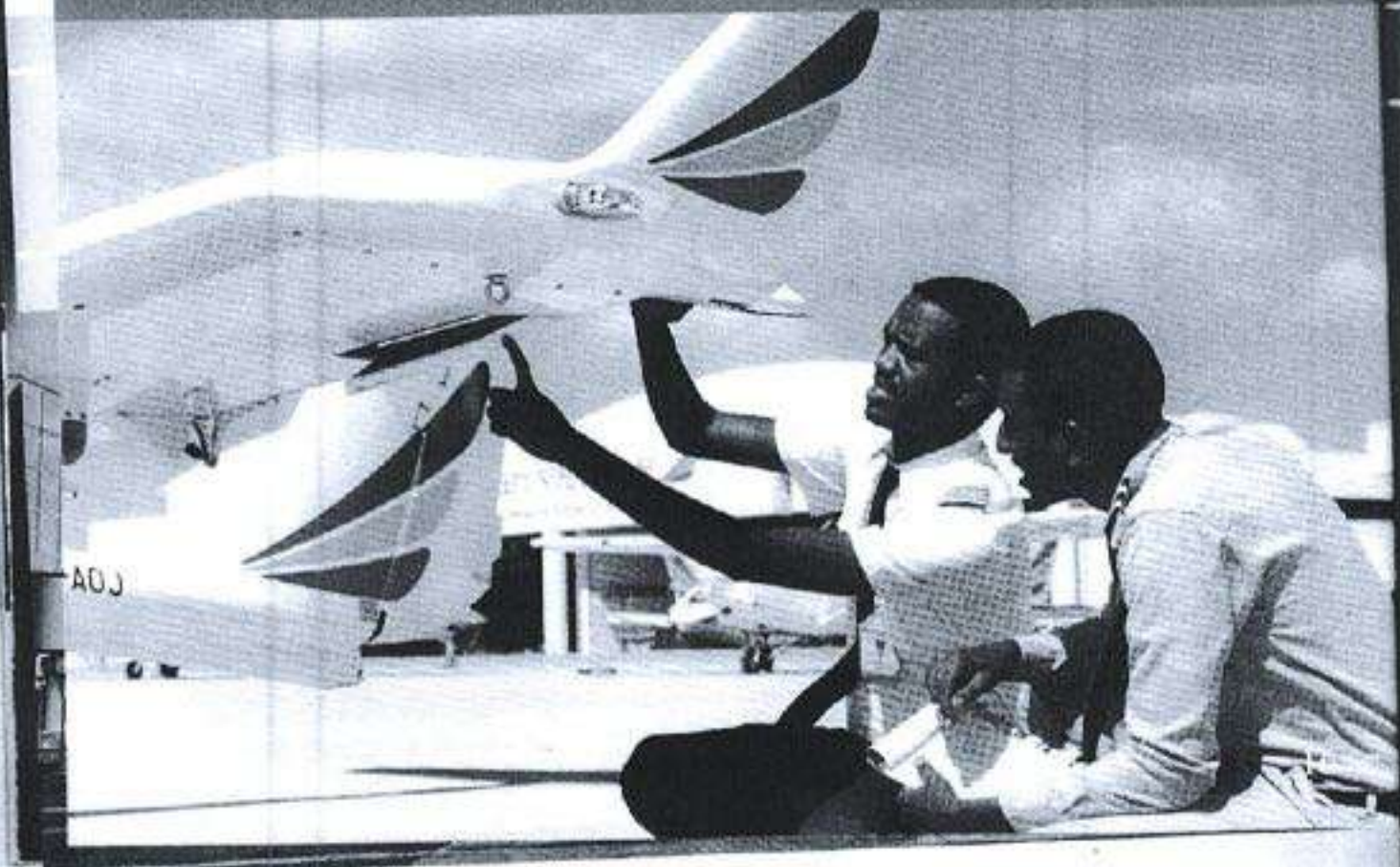
The Travel, Tourism and Hospitality Program is designed to prepare students for the various positions in Travel, Tourism and Hospitality industries. In this field, students learn combined business courses and specialized courses in travel and tourism. Students will have an internship experience enabling them to utilize the knowledge they learn in the classroom training.



Diploma and Certificate Programs

PILOT TRAINING

- ✓ Commercial Pilot License (CPL) with Instrument and Multi-Engine Rating
- ✓ Private pilot licence (PPL) & Conversion from PPL to CPL
- ✓ Multi-Crew Pilot License (MPL)
- ✓ Flight Dispatchers Training
- ✓ Instrument Rating and Multi-Engine Rating
- ✓ Aviation Psychology and CRM (Initial & Refresher)





FLIGHT TRAINING

Ethiopian Aviation University has Full Flight Simulator facility for Airbus 350, B787, B777, B 767/757, B737 NG and B737MAX, and DHC-Q400.

Additional flight operations crew trainings include;

- Initial type rating, Transition/Conversion, Requalification/activation, Recurrent and Command ship (command upgrade) and Line training trainings
- Qualification, Online specialty and CBT/ground courses
- Safety, Security, CRM and other regulatory body requirement courses
- Training and assessment tutorials
- TRI/TRE courses for simulator instructors
- Full flight simulator and FTD devices dry lease/rent
- Fops solutions and consultancy services

Diploma and Certificate Programs

AIRCRAFT MAINTENANCE TRAININGS

DIPLOMA PROGRAMS

- Aircraft Maintenance Training (AMT)
- Airframe Maintenance Training
- Avionics Maintenance Training
- Powerplant Maintenance Training
- Aircraft Structure Maintenance Training
- Airframe Mechanical Component Maintenance Training
- Aircraft Cabin Maintenance Training
- Aircraft Line & Hangar Maintenance (LHM) Program

AIRCRAFT COMPONENTS TRAINING

- Aircraft Engine
- Aircraft Instrument
- Aircraft Electric
- Aircraft Radio & IFE
- Aircraft Hydraulic and Landing Gear
- Aircraft Pneumatic and Air Conditioning
- Aircraft Fuel & Oil
- Aircraft Wheel, Brake & Tyre
- Aircraft Interior
- Aircraft Composite



Diploma and Certificate Programs

AIRCRAFT SYSTEM TRAINING (FULL TYPE AND CONVERSION)

- Q400
- B737-300/400/500 and B737NG*
- B737 Max
- B777*
- B787
- A350
- F50
- * EASA Approved Courses/Programs

GENERIC COURSES (also available Online)

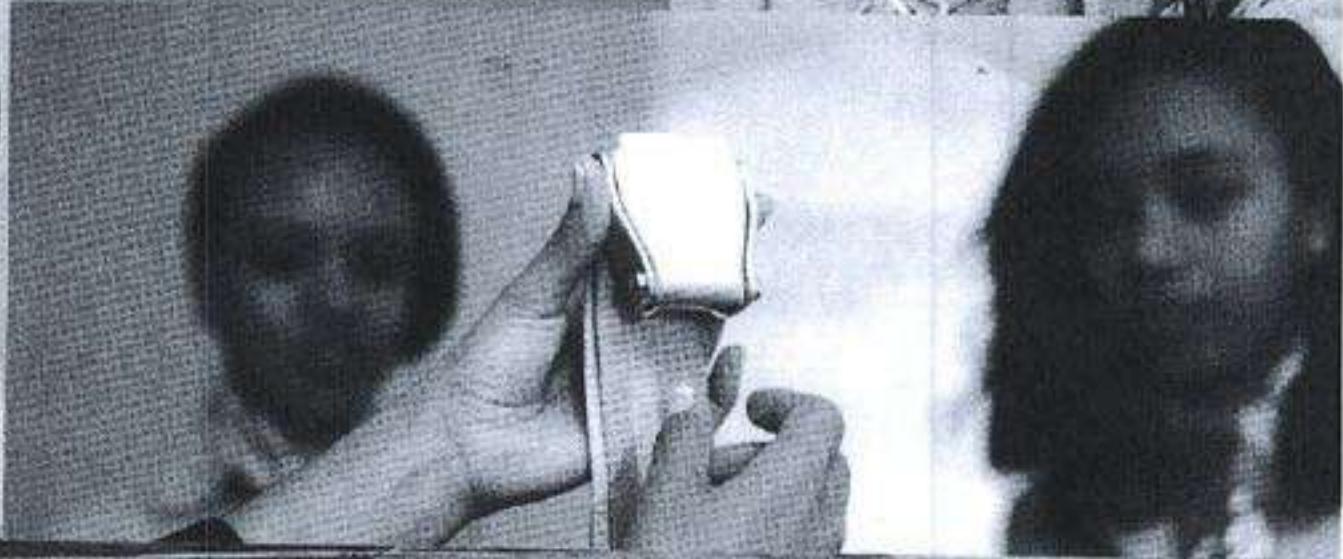
- Fuel Tank Safety-FTS
- Electrical Wiring Interconnection System-EWIS
- Human Factor -HF
- Legislation/Regulation
- Fuel Handling and Servicing
- Aircraft Inspection
- Minimum Equipment List-MEL
- Extended Twin Engines Operation-ETOPs

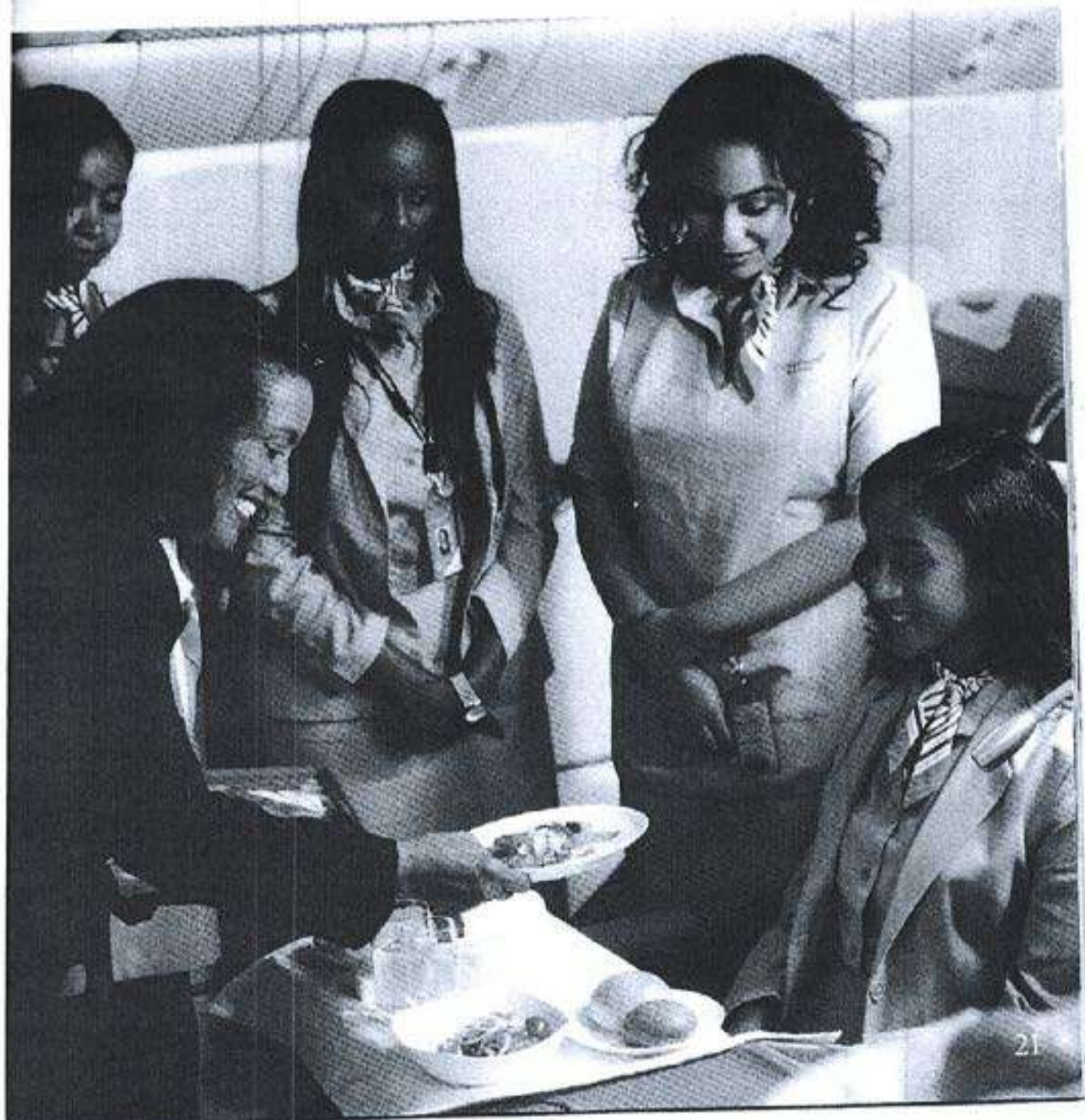


Diploma and Certificate Programs

CABIN CREW TRAINING

- ✓ Basic Cabin Crew Training
- ✓ Recurrent Training
- ✓ Reduced Initial Training
- ✓ Requalification CAT I & CAT II
- ✓ Style and Image Training
- ✓ Aircraft Specific Practical Training on Full motion Mock up
 - o B737, B777, B787
 - o Extended door Mock up
 - o Q400, B767, A350
- ✓ Crew Resource Management





Diploma and Certificate Programs

COMMERCIAL AND GROUND SERVICES TRAINING

COMMERCIAL AND GROUND SERVICES- BASIC PROGRAMS

- ✓ Airline Sales and Operations for Passenger and Cargo
- ✓ Airport Passenger Handling
- ✓ Airport Cargo Handling
- ✓ Call Centre and Ticketing Services
- ✓ Airport Ramp Handling



Diploma and Certificate Programs

COMMERCIAL AND GROUND SERVICES TRAINING

AIRLINE SALES AND SERVICES - SHORT COURSES

- ✓ Introduction to Airline Industry
- ✓ Soft Skills
- ✓ Communication Skills
- ✓ Professional Selling Skills
- ✓ Professional Customer Handling (all levels – beginner, intermediate and advanced)

AIRLINE PASSENGER SERVICES - SHORT COURSES

- ✓ Airline Passenger Reservations
- ✓ Passenger Fares and Ticketing
- ✓ Sabre Reservations & Ticketing
- ✓ Airport Passenger Handling
- ✓ Sabre Sonic Check-in
- ✓ Central Baggage Tracing/World Tracer
- ✓ Ethiopian Loyalty Program
- ✓ Star Alliance Overview & Functional Training



Diploma and Certificate Programs

COMMERCIAL AND GROUND SERVICES TRAINING

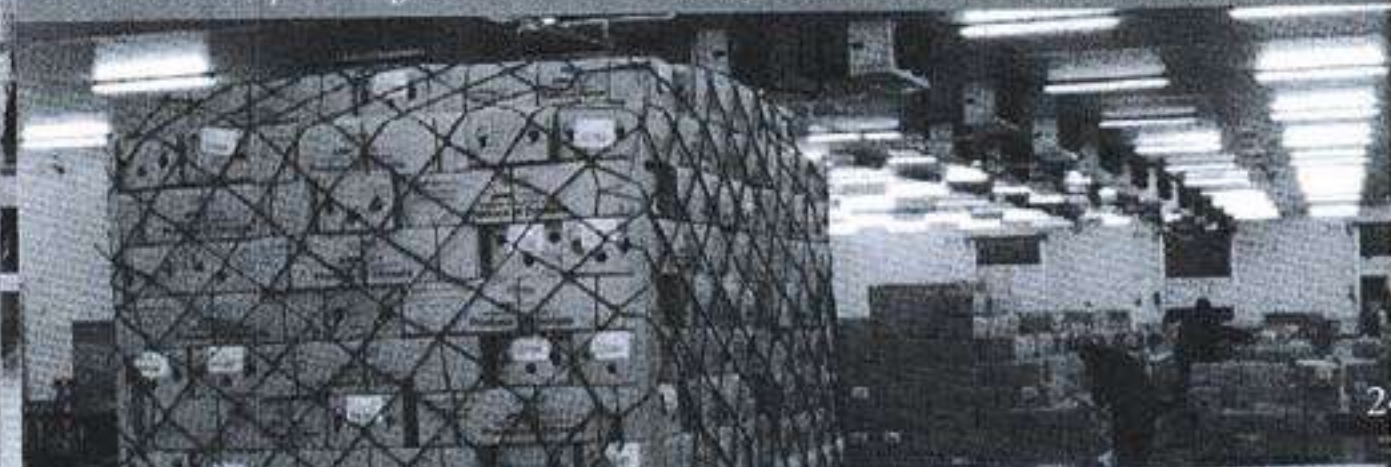
AIRLINE OPERATIONS AND SAFETY - SHORT COURSES

- ✓ Weight & Balance for Passenger Aircraft
- ✓ Weight & Balance for Freighter Aircraft
- ✓ Ramp Handling and ULD Control for Passenger (Initial/Refresher)
- ✓ Occupational Health, Passenger & Ramp Safety and Human Factors
- ✓ Dangerous Goods Regulation - Initial/Refresher for:

- Personnel responsible for accepting General Cargo
- Passenger Handling Personnel
- Cabin Crew members
- Flight Crew members
- Load Master and load planners
- Flight Operations personnel and Flight Dispatchers
- Personnel Responsible for Handling in a warehouse
- Security Screening Personnel

AIRLINE CARGO SERVICES - SHORT COURSES

- ✓ Basic Cargo Skills & Procedures
- ✓ Automated Cargo System - Cargo Spot (Online)
- ✓ Perishable Cargo - Initial/Refresher (Online)
- ✓ Live Animal Regulation - Initial/Refresher (Online)
- ✓ Ramp Handling and ULD Control for Cargo (Initial/Refresher)



Diploma and Certificate Programs

COMMERCIAL AND GROUND SERVICES TRAINING

IATA CERTIFIED TRAINING

- IATA GDS Fares & Ticketing with Galileo
- IATA Foundation in Travel & Tourism with Galileo



IATA GDS Fares & Ticketing with Galileo



Under IATA Regional Training Partnership (RTP),
there are different operational courses. please see details at:
<https://www.iata.org/training/delivery/Pages/rtp/eea.aspx>



IATA Foundation in Travel & Tourism with Galileo
Travel and Tourism Consultant for the Leadership & Management - Diploma

Diploma and Certificate Programs

CATERING & HOTEL OPERATION TRAINING

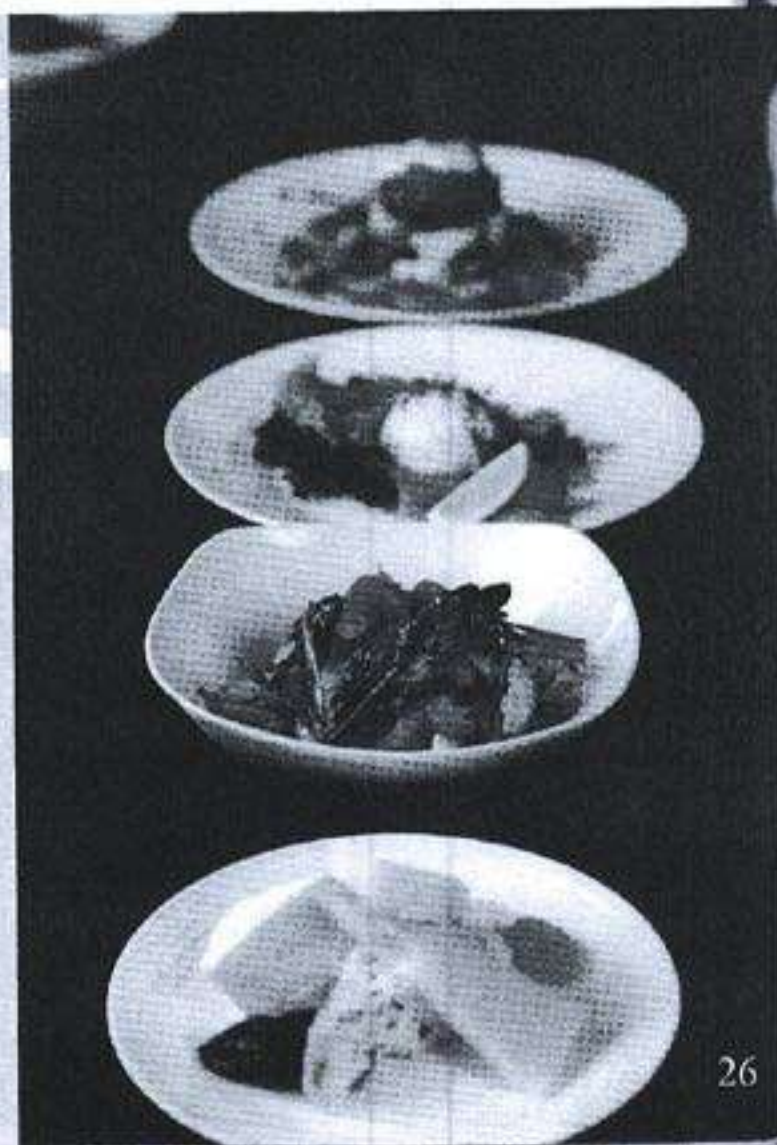
The Basic and short term Catering programs are designed to enable trainees acquire the required competencies to manage Aviation Catering, Hospitality and Tourism services.

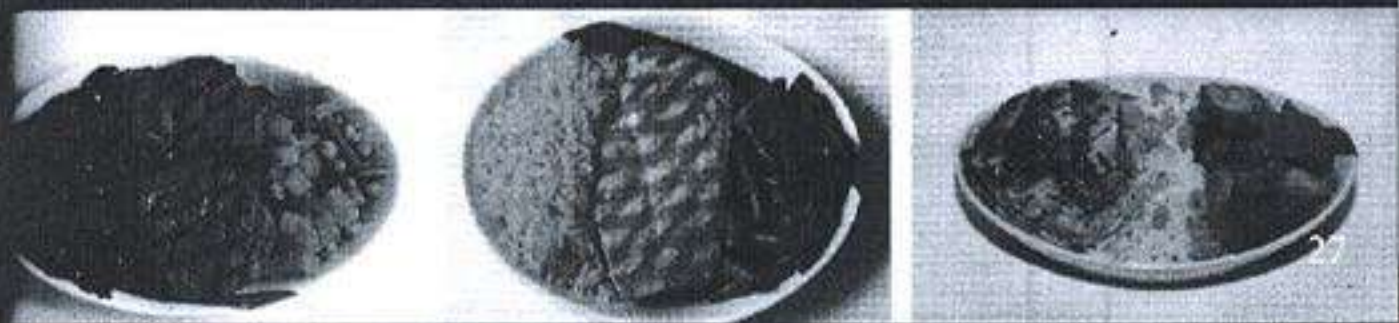
Basic Programs

- Food & Beverage Service Training
- Culinary Art Training
- Basic Flight Catering Operation
- Basic Flight Catering Food Production

Short Term Programs

- Food & Beverage Service Training
- Culinary Art Training
- Food and Beverage Service
- Food and Beverage Control
- Hotel Kitchen Operation
- Front Office Operation
- House Keeping and Laundry Service
- Tour Guide
- Confectionery Baking and Pastry Making
- Hotel Supervisory Management
- Hygiene, Food Safety, HACCP
- HACCP and GMP for Suppliers
- Catering House Keeping and Sanitation





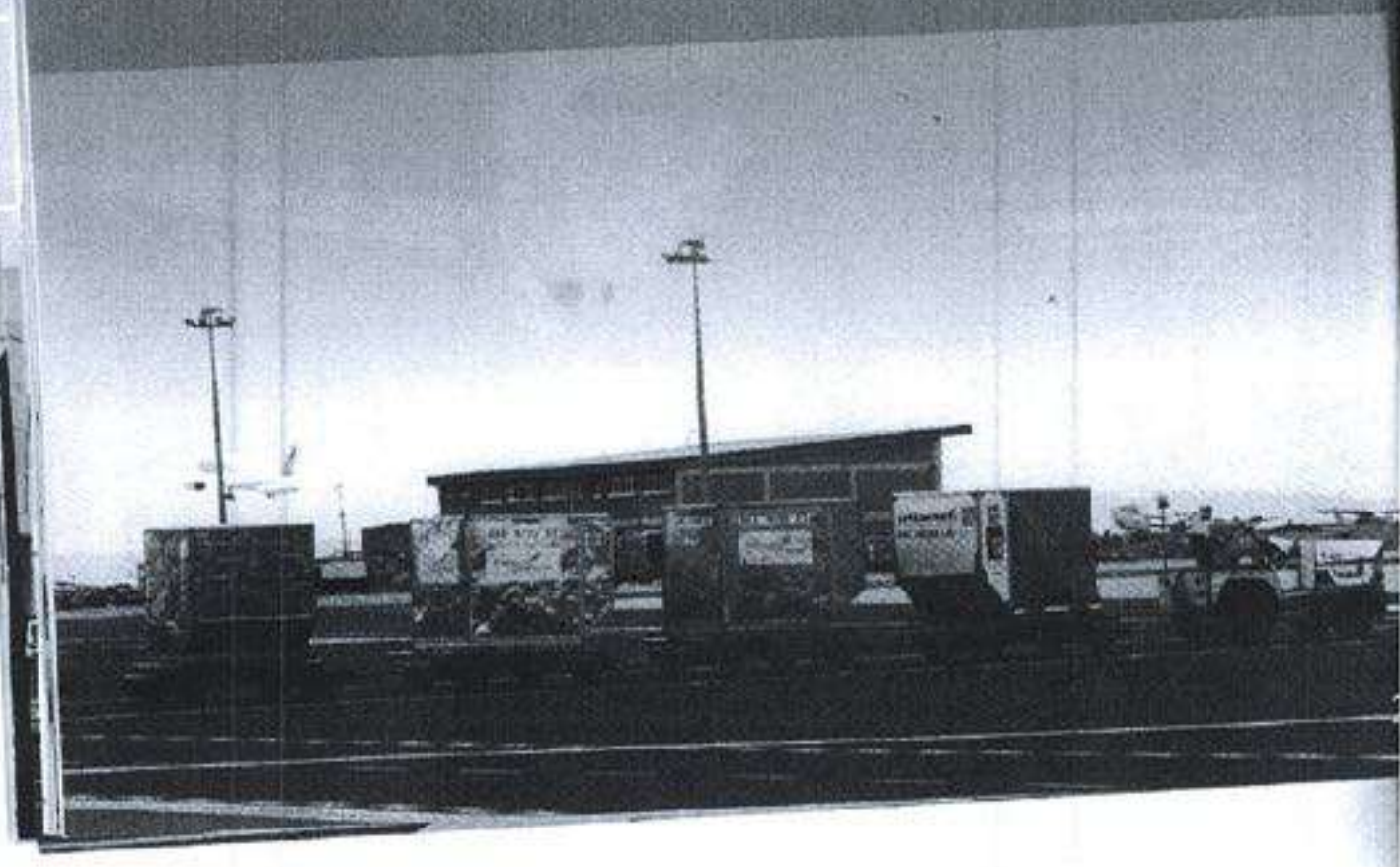
Diploma and Certificate Programs

PROGRAM LOGIC CONTROL (PLC)- SHORT COURSES

- Introduction to PLC (Incl. LOGO)
- S7 Service 1 Course (ST-SERV1)
- S7 Service 2 Course (ST-SERV2)
- S7 Service 3 Course (ST-SERV3)

GROUND SUPPORT EQUIPMENT (GSE)- SHORT COURSES

- Defensive Driving & Ramp/Airside Safety Training
- Scissor Lift Operational Training
- Belt Loader Operational Training
- A/C Pushback Track Operational Training
- Passengers Step Operational Training and Others
- Aircraft Marshaller Training
- Aircraft Headset Operation Training



Diploma and Certificate Programs

AIRCRAFT MARSHALLING TRAINING

- ✓ Airside Safety
- ✓ Basic Firemanship
- ✓ Basic Radiotelephony
- ✓ Aircraft Marshalling
- ✓ Aerobridge Operation
- ✓ Soft Skills
- ✓ Human Factors



Diploma and Certificate Programs

COMPETENCY DEVELOPMENT TRAININGS

- ✓ Competency Development Trainings
- ✓ Instruction System Design
- ✓ Instructional Techniques- Initial/Refresher (also available online)
- ✓ Train-the-Examiner (Examination Techniques)
- ✓ Coaching Skills (also available online)
- ✓ Training Developers Course (TDC)
- ✓ Training Needs Analysis (TNA)
- ✓ Assessor Skills (also available online)



Diploma and Certificate Programs

LEADERSHIP & CAREER DEVELOPMENT COURSES

- ✓ Strategic Leadership / Strategic Management
- ✓ Transformational Leadership
- ✓ Succession Planning
- ✓ Performance Management & Balanced Score Card
- ✓ Financial Management for Non-Finance Managers
- ✓ Risk Management
- ✓ Decision Making & Problem Solving
- ✓ Project Management
- ✓ Project Evaluation & Contract Administration
- ✓ Effective Team Building & Leadership
- ✓ Coaching & Mentoring
- ✓ Communication Skills (Basic & Advanced levels)
- ✓ Customer Services (Basic, Intermediate & Advanced levels)
- ✓ Aviation English for:
 - o Cockpit Crew
 - o Aircraft Technicians
 - o Cabin Crew
 - o Call Center Agents
 - o Airport Customer Service Officers
 - o Air Traffic Controllers



Diploma and Certificate Programs

ONLINE COURSES

AIRCRAFT MAINTENANCE

- ✦ Basic Aerodynamics
- ✦ B737 Engine Run-up
- ✦ B737 General Familiarization
- ✦ ATS-16C (Air Transport Stretcher) Installation/ Removal on B787 B777 200/300 (GE-90) level II system Training
- ✦ Online Course for Aircraft Maintenance Staff
- ✦ Electrostatic Discharge (ESD) Control Program
- ✦ Aviation Legislation (Initial & Refresher)
- ✦ Human Factors for Maintenance Personnel (Initial and Refresher)
- ✦ Fuel Tank Safety (Initial & Level 2)
- ✦ EWIS (Initial & Refresher)
- ✦ ETOPS
- ✦ Ethiopian Civil Aviation Regulations and Standards (ECARAS)- (Initial & Refresher)
- ✦ Aircraft Fuel Handling and Servicing- (Refresher)
- ✦ Aircraft Inspection Procedures - Refresher

AIRLINE SALE, MARKETING & GROUND OPERATIONS

- ✦ SABRE Reservation and Ticketing
- ✦ Advanced Skills in Journey Pricing and Ticketing With SABRE
- ✦ Perishable Cargo Regulation - Initial and Refresher
- ✦ Live Animal Regulations - Initial and Refresher
- ✦ SABRE Load Manager E-merge
- ✦ SABRE Sonic Check-In
- ✦ Occupational Health and Safety (Refresher)
- ✦ World Tracer
- ✦ Ramp Handling - Refresher
- ✦ Cargo Spot
- ✦ GSE Self-propelled Platform
- ✦ Dangerous Goods Regulations - CAT 8, 9, 10, 11 and 12
- ✦ Human Factors for Customer Handling Staff- (Initial)

Diploma and Certificate Programs

GENERAL ONLINE COURSE

- ✓ Safety Management System for Operational personnel, supervisors, managers and high-level executive management members
- ✓ Aviation Internal Auditors course
- ✓ Coach Skills Online Training
- ✓ Assessor Skills
- ✓ Mentoring Training
- ✓ Instructional techniques (Initial and refresher)



Diploma and Certificate Programs

ICAO COURSES / PROGRAMS

- ✓ ICAO Government Safety Inspectors Operations: Air Operator Certification (GSI OPS)
- ✓ ICAO Government Safety Inspectors Airworthiness: Air Operator and Approved Maintenance Organization Certification (GSI AIR)
- ✓ ICAO Government Safety Inspectors: Personnel Licensing (GSI PEL)
- ✓ ICAO Safety Management for Practitioners (SMxP)
- ✓ ICAO English Language Proficiency Interlocutor/Raters Initial/Recurrent Training
- ✓ State Safety Programme (SSP)
- ✓ Training Developers Course (TDC)
- ✓ Aircraft Emergency Landing and Evacuation Procedures Training for Cabin Crew (ICAO Approved STP)
- ✓ Aircraft Systems Troubleshooting Training (ICAO Approved STP)
- ✓ Radiotelephony for Pilots (ICAO Approved STP)
- ✓ Aviation English for Aircraft Maintenance Technicians (ICAO Approved STP)
- ✓ Weight and Balance for Wide Body Aircraft (B767, B777, and A350) (ICAO Approved STP)



ICAO

**TRAINAIR
PLUS**

REGIONAL CENTRE OF
EXCELLENCE



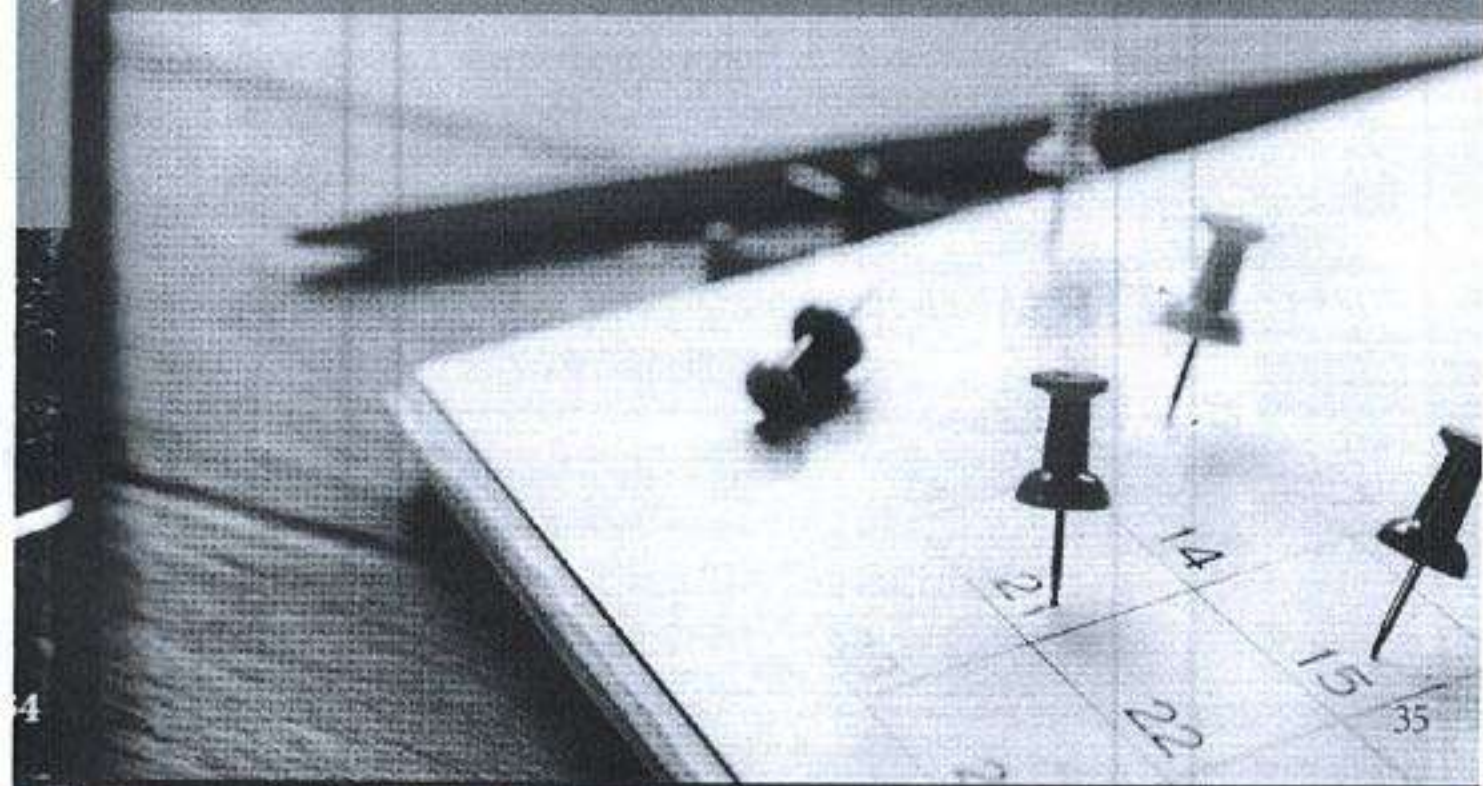
Diploma and Certificate Programs

OTHER SERVICES

- ✓ English Proficiency Rating for Pilots, Aircraft Technicians, Cabin Crew and Air Traffic Controllers
- ✓ Training Needs Assessment and Consultancy Services
- ✓ Management Consultancy Services
- ✓ Courseware Development including e-learning solutions
- ✓ Coaching and On-the-Job Training (OJT) for Aircraft Technicians, Cabin Crew and ground Support Equipment Operators, etc.

TP)

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