



Since 1964

ATO/AA/001

NIGERIAN COLLEGE OF AVIATION TECHNOLOGY, ZARIA

Training for Excellence

2018
COURSE CALENDAR



NCAT's Recognition



AABInternational
Leading the World in the Advancement
of Aviation Education Accreditation



ADMISSIONS POLICY OF THE COLLEGE

The College advertises its courses in both electronic and print media (Newspaper, Radio and Television). In addition, the College publishes its yearly academic calendar for prospective candidates.

2018 COURSE CALENDAR

The college admit candidates into various courses in five (5) schools namely:

- i. Flying School (FS)
- ii. Aircraft Maintenance Engineering (AME) School
- iii. Aeronautical Telecommunications Engineering (ATE) School
- iv. Air Traffic Services/Communications (ATS/Com) School
- v. Aviation Management (AM) School

GENERAL ENTRY QUALIFICATIONS/REQUIREMENTS

Qualifications/Requirements for Entry into the College vary from holders of University Degrees and Higher National Diploma to Secondary School Certificate holders. Applicants who hold the WASCE/GCE/NECO/NABTEB must have a minimum of five(5) Credits including Physics, Chemistry, Mathematics and English Language in not more than two (2) sittings. Detailed requirements could be found in the course calendar.

Application forms are obtainable at the rate of N10,000(ten thousand Naira)only, payable to:

NIGERIAN COLLEGE OF AVIATION TECHNOLOGY, ZARIA
(CBN Gateway (Remita Net))

Credentials are screened after submission of admission forms. Qualified candidates will then participate in oral and written assessments to be conducted by the college during the selection exercise. The assessment will cover the following areas: General Knowledge, English Language, Mathematics and Physics.

After written/Oral Selection interview, successful candidates are required to undergo an aeromedical examination from any NCAA Authorized Aeromedical Examiner. Our admission is based on satisfactory performance in the aptitude test and medical examinations.

FOR INQUIRIES PLEASE CONTACT :

ZARIA:

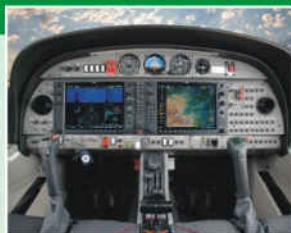
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Nigerian College of Aviation Technology, Zaria.
registrar@ncat.gov.ng +234 (0) 701 509 9800
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ABUJA:

NCAT Liaison Office,
Federal Ministry of Aviation,
Federal Secretariat Complex, Abuja
+234 (0) 701 509 9763.

LAGOS:

NCAT Liaison Office,
Commercial Department,
Federal Airports Authority of Nigeria(FAAN)
+234 (0) 701 509 9766.



Vision:

To maintain the prestigious position of the foremost Aviation Training Institution in Africa, and be amongst the best in the world.

Mission:

To consistently provide the Aviation industry with professionals and other personnel through training and related services for safe air transportation in accordance with international standards.

The Nigerian College of Aviation Technology (NCAT) comprises of five co-located schools and one Instructional Systems Design Unit (ISDU):

- The Flying School
- The Aeronautical Telecommunications Engineering (ATE) School
- The Aircraft Maintenance Engineering (AME) School
- The Air Traffic Services/Communication (ATS/COM) School
- The Aviation Management (AM) School and
- The Instructional Systems Design Unit (ISDU)

2018
COURSE CALENDAR



**NIGERIAN COLLEGE OF
AVIATION TECHNOLOGY, ZARIA**

Training for Excellence

**FLYING SCHOOL
COURSE OUTLINE
AND FEES**

THE FLYING SCHOOL

The Flying School was established with the primary objective of producing personnel such as Pilots, Airline Cabin Crew and Flight Operations Officers/Dispatchers for the Civil Aviation Industry. It is structured into four Training Departments.

- Flight Training Department
- Flight Operations Department
- Flight Simulator Department
- Ground Studies Department



Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
SP-33	STANDARD PILOT COURSE <u>Course Outline</u> <ul style="list-style-type: none"> • Private Pilot Licence • Commercial Pilot Licence • Instrument Rating • Multi Engine Rating 	05/03/2018 TO 05/03/2020	2 years	N 8,960,000.00 Feeding and Accommodation Included	Eight (8)	O'level Credit Pass Including English Language, Maths & Physics Minimum Entry age - 17 years	Airlines, Private Aircraft Operators & Regulatory Authorities
SFO-21 (MODULE I)	STANDARD FLIGHT OPERATIONS COURSE (MODULE I) <u>Course Outline</u> <ul style="list-style-type: none"> • Navigation • Meteorology • Flight Planning • Aerodynamics • Weight & Balance • Aircraft Performance • Air Law • Communication • Operational Procedures 	15/01/2018 TO 23/03/2018	10 weeks	N350,000.00 Feeding and accommodation included	Eight (8)	O'level Credit Pass Including English Language, Maths & Physics Minimum Entry age - 21 years	Airlines, Private Aircraft Operators & Regulatory Authorities

FLYING SCHOOL

2018

COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
SFO-21 (MODULE II)	STANDARD FLIGHT OPERATION <u>Course Outline</u> <ul style="list-style-type: none"> • Navigation General • Navigation Systems • Meteorology • Meteorology Practical • Flight Planning • Technical • Weight & Balance • Aircraft Performance • Air Law • Practical Dispatch • Regulations • HPL 	26/03/2018 TO 06/07/2018	15 Weeks	N398,000.00	Eight (8)	SFO Module I Certificate or its equivalent	Airlines, Private Aircraft Operators & Regulatory Authorities
SFO-22 (MODULE I)	STANDARD FLIGHT OPERATIONS COURSE (MODULE I) <u>Course Outline</u>	30/04/ 2018 TO 06/07/2018	10 Weeks	N350,000.00 Feeding and accommodation included	Eight (8)	O'level credit Pass including English Language, Maths & Physic	Airlines, Private Aircraft Operators & Regulatory Authorities

FLYING SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Navigation Meteorology Flight Planning Aerodynamics Weight & Balance Aircraft Performance Air Law Communication Operational Procedures 					Minimum Entry age - 21 years	
SFO-22 (MODULE II)	STANDARD FLIGHT OPERATIONS COURSE (MODULE II) <u>Course Outline</u> <ul style="list-style-type: none"> Navigation General Navigation Systems Meteorology Meteorology Practical Flight Planning 	03/09/2018 TO 14/12/2018	15 Weeks	N398,000.00 Feeding and accommodation included	Eight (8)	SFO Module I Certificate or its equivalent	Airlines, Private Aircraft Operators & Regulatory Authorities

FLYING SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Technical • Weight & Balance • Aircraft Performance • Air Law • Practical Dispatch • Regulations • HPL 						
SFO-23 (MODULE I)	STANDARD FLIGHT OPERATIONS COURSE (MODULE I) <u>Course Outline</u> <ul style="list-style-type: none"> • Navigation • Meteorology • Flight Planning • Aerodynamics • Weight & Balance • Aircraft Performance • Air Law • Communication • Operational Procedures 	08/10/2018 TO 14/12/2018	10 Weeks	N350,000.00 Feeding and accommodation included	Eight (8)	O'level credit Pass including English Language, Maths & Physics Minimum Entry age - 21 years	

FLYING SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
SFO-23 (MODULE II)	STANDARD FLIGHT OPERATIONS COURSE (MODULE II) Course Outline <ul style="list-style-type: none"> • Navigation General • Navigation Systems • Meteorology • Meteorology Practical • Flight Planning • Technical • Weight & Balance • Aircraft Performance • Air Law • Practical Dispatch • Regulations • HPL 	07/01/2019 TO 29/03/2018	15 Weeks	N398,000.00 Feeding and accommodation included	Eight (8)	SFO Module I Certificate or its equivalent	

FLYING SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
SFO REFRESHER	STANDARD FLIGHT OPERATIONS COURSE REFRESHER <u>Course Outline</u> <ul style="list-style-type: none"> • Navigation General • Navigation Systems • Meteorology • Meteorology Practical • Flight Planning • Technical • Weight & Balance • Aircraft Performance • Air Law • Practical Dispatch • Regulations • HPL 	05/02/ 2018 TO 16/02/2018	2 Weeks	N150,000.00 Feeding and accommodation included	Eight (8)	Flight Dispatch Certificate	Airlines, Private Aircraft Operators & Regulatory Authorities

FLYING SCHOOL

2018

COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
DRC	DISPATCHER RECURRENCY COURSE <u>Course Outline</u> <ul style="list-style-type: none"> • Navigation General • Navigation Systems • Meteorology • Meteorology Practical • Flight Planning • Technical • Weight & Balance • Aircraft Performance • Air Law • Practical Dispatch • Regulations • HPL 	On Request	1 Weeks	N 96,000.00	Eight (8)	Flight Dispatch Licence	Airlines, Private Aircraft Operators & Regulatory Authorities

FLYING SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
CCT-B33	CABIN CREW INITIAL TRAINING <u>Course Outline</u> <ul style="list-style-type: none"> • Aviation Indoctrination Regulations • Aviation Terminologies and Acronyms • Theory of Flight • Aerodynamics, Phases of Flight • Major Aircraft Components • Critical Surface • Pressurization • Weight & Balance • Meteorology/Turbulence • Physiology of Flight • ABC Words Guide/World Time Zones • Duties • Safety 	15/01/2018 TO 23/03/2018t	10 Weeks	N366,400.00 Feeding and accommodation included	Eight (8)	O'level credit Pass including English Language & Maths Minimum Entry age - 18 years	Airlines, Private Aircraft Operators & Regulatory Authorities

FLYING SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
CCT-B34	CABIN CREW INITIAL TRAINING <u>Course Outline</u> <ul style="list-style-type: none"> • Aviation Indoctrination Regulations • Aviation Terminologies and Acronyms • Theory of Flight • Aerodynamics, Phases of Flight • Major Aircraft Components • Critical Surface • Pressurization • Weight & Balance • Meteorology/Turbulence • Physiology of Flight • ABC Words Guide/World Time Zones • Duties • Safety 	16/04/2018 TO 22/06/2018	10 Weeks	N366,400.00 Feeding and accommodation included	Eight (8)	O'level credit Pass including English Language & Maths Minimum Entry age - 18 years	Airlines, Private Aircraft Operators & Regulatory Authorities

FLYING SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
CCT-B35	CABIN CREW INITIAL TRAINING <u>Course Outline</u> <ul style="list-style-type: none"> • Aviation Indoctrination Regulations • Aviation Terminologies and Acronyms • Theory of Flight • Aerodynamics, Phases of Flight • Major Aircraft Components • Critical Surface • Pressurization • Weight & Balance • Meteorology/Turbulence • Physiology of Flight • ABC Words Guide/World Time Zones • Duties • Safety 	10/09/2018 TO 16/11/2018	10 Weeks	N366,400.00 Feeding and accommodation included	Eight (8)	O'level credit Pass including English Language & Maths Minimum Entry age - 18 years	Airlines, Private Aircraft Operators & Regulatory Authorities

FLYING SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
CCC-4	CABIN CREW CONVERSION COURSE <u>Course Outline</u> <ul style="list-style-type: none"> • Aviation Indoctrination Regulations • Aviation Terminologies and Acronyms • Theory of Flight • Aerodynamics, Phases of Flight • Major Aircraft Components • Critical Surface • Pressurization • Weight & Balance • Meteorology/Turbulence • Physiology of Flight • ABC Words Guide/World Time Zones • Duties 	26/02/2018 TO 16/03/2018	3 Weeks	N66,500.00 Feeding and accommodation included	Eight (8)	Cabin Crew Licence	Airlines, Private Aircraft Operators & Regulatory Authorities

FLYING SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
CCC-5	CABIN CREW CONVERSION COURSE Course Outline <ul style="list-style-type: none"> • Aviation Indoctrination Regulations • Aviation Terminologies and Acronyms • Theory of Flight • Aerodynamics, Phases of Flight • Major Aircraft Components • Critical Surface • Pressurization • Weight & Balance • Meteorology/Turbulence • Physiology of Flight • ABC Words Guide/World Time • Zones • Duties • Safety 	18/06/2018 TO 06/07/2018	3 Weeks	N80,000.00 Feeding and accommodation included	Eight (8)	Cabin Crew Licence	Airlines, Private Aircraft Operators & Regulatory Authorities



**NIGERIAN COLLEGE OF
AVIATION TECHNOLOGY, ZARIA**

Training for Excellence

**AIRCRAFT MAINTENANCE
ENGINEERING SCHOOL
COURSE OUTLINE
AND FEES**

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
MOR	MAINTENANCE ORGANISATION AND REGULATION COURSE <u>Course outline</u> <ul style="list-style-type: none"> • International air law • Airworthiness requirement • Civil aviation and Maintenance Regulations • Airline organization and management 	On Request	2 Weeks	N152, 000	Eight (8)	Aircraft Maintenance Personnel.	Aircraft Maintenance Engineering Personnel

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
AP	AIRCRAFT MAINTENANCE ENGINEERING (STANDARD AIRFRAME & POWERPLANT) <u>Course Outline</u> <ul style="list-style-type: none"> • Air Craft General • Basic Aerodynamics & Aircraft Weight and Balance. • Engineering Maintenance Practice • Aviation Legislation and Organization Of Civil Aviation. • Human Factors in Aircraft Maintenance and Inspections & Occupational Health And Safety. • Airframe and Airframe System. • Piston Engine and Piston Engines Systems • P.E. Fundamentals • P.E. Construction • P.E. Systems • Turbocharger/Supercharger 	JANUARY, 2018	120 Weeks	N2, 504,000 Feeding and accommodation included	Twelve (12)	Candidates must be at least 16 years old with five (5) O' level credits in SSCE/ GCE or NABTEC subjects including: 1. English Lang 2. Mathematics 3. Physics 4. Chemistry And any other science/technical subjects.	Secondary School Leavers with Science background not less than 16 years old.

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Aircraft Propellers P.E. Maintenance & Over haul Gas Turbine Engine and Gas Turbine Engine Systems Helicopter Systems Loggings On-the-Job Training 						
AAP	ABRIDGED AIRCRAFT MAINTENANCE ENGINEERING (AIRFRAME & POWERPLANT) <u>Course Outline</u> <ul style="list-style-type: none"> Air Craft General Basic Aerodynamics & Aircraft Weight and Balance. Engineering Maintenance Practice Aviation Legislation and Organization Of Civil Aviation. Human Factors in Aircraft Maintenance and 	APRIL, 2018	90 WEEKS	N1, 906,000	Twelve(12)	Degree/HND in Mechanical Engineering or its equivalent and NYSC Discharge Certificate or Exemption Certificate	University or polytechnic graduates with mechanical engineering or equivalent

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	Inspections & Occupational Health And Safety. <ul style="list-style-type: none"> • Airframe and Airframe System. • Piston Engine and Piston Engines Systems • Gas Turbine Engine and Gas Turbine Engine Systems • Helicopter Systems • Loggings • On-the-Job Training 						
AAVO	ABRIDGED AIRCRAFT MAINTENANCE ENGINEERING (AVIONICS) Course Outline <ul style="list-style-type: none"> • Aircraft General • Basic Aerodynamics & Weight and Balance Aviation • Engineering Maintenance Practice • Legislation and Organization of Civil Aviation. 	APRIL, 2018	90 WEEKS	N1, 906,000	Twelve(12)	Degree/HND in Electrical/ Electronics Engineering or its equivalent . NYSC Discharge Certificate or Exemption Certificate	University or polytechnic graduates with mechanical engineering or equivalent

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none">• Human Factor in Aircraft Maintenance and Inspections & Occupational Health and Safety.• Airframe And Airframe System• Aircraft Propulsion• Aircraft Electrics and Aircraft Electrical Systems• Aircraft Instruments and Instrument Systems• Direct and Remote Reading Compasses• Airborne Radio• Automatics Flight Control System• Loggings on Residence Aircraft• On-the-job Training					Degree/HND in Mechanical Engineering or its equivalent NYSC Discharge Certificate or Exemption Certificate	

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
WBM	WHEELS AND BRAKE MODULAR COURSE <u>Course Outline</u> <ul style="list-style-type: none"> • Workshop practices • Aircraft structures • Structural gear • Aircraft wheels and brakes • On – the- job – training 	On Request	2 Weeks	N210, 000	Eight (8)	Aircraft Maintenance Personnel with a minimum of Basic Technician or its equivalent. Minimum of two (2) years work experience in Aircraft Maintenance	Aircraft Maintenance Engineers/ Technicians
NDTI	NON DESTRUCTIVE TESTING & INSPECTION COURSE <u>Course outline</u> <ul style="list-style-type: none"> • Eddy Current Method • Magnetic Particle Method • Dye Penetrant Method 	On Request	2 Weeks For Each Module	N600, 000 for three (3) modules N250, 000 for one method	Eight (8)	Candidates must have five (5) O' level credits in SSCE/ GCE or NABTEC subjects including 1. English Lang 2. Mathematics 3. Physics 4. Chemistry And any other science/technical subjects with Basic Aircraft	Aircraft Maintenance Engineering Personnel

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
						Maintenance Engineering Licence or its equivalent. Aircraft Maintenance Technicians with intermediate Technician Certificate	
PMA	PRESSURISSED METAL AIRFRAME <u>Course outline</u> <ul style="list-style-type: none"> • Aircraft structures • Cabin equipment and finishing • Aircraft hardware & materials 	On Request	6 Weeks	N394, 500	Eight (8)	Basic Aircraft Maintenance Engineering Licence in Airframe or its equivalent. Minimum of two (2) years experience in Aircraft Maintenance	Aircraft Maintenance Engineer with Basic Airframe Licencel

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Fire warning protection & control system • Environmental & air-conditioning system • Aircraft oxygen system • Hydraulic and pneumatic system • Non destructive testing • Ground handling & equipment • On – the-job training 						
ARC	AIRBORNE RADIO COURSE <u>Course outline</u> <ul style="list-style-type: none"> • DC theory • AC theory • Cable technology and fibre optics vacuum Tubes and Semi Conductors • Digital Techniques and Computers 	On Request	12 Weeks	N741, 800	Eight (8)	Basic Aircraft Maintenance Engineering Licence in Electrics, instruments or its equivalent.	Aircraft Maintenance Engineer with AME Licence in Electrics and Instruments

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Amplifiers and Multi-vibrators • Electric Measuring Instruments • Radio Communication I • Radio Communication II • Airborne Radio Navigation I • Airborne Radio Navigation II • Radar Principles • Radio Shop • On-the-Job-Training 						
AFCS	AUTOMATIC FLIGHT CONTROL SYSTEM COURSE <u>Course outline</u> <ul style="list-style-type: none"> • DC theory • AC theory • Fixed and Rotary Wings Aerodynamics • Signal Processing Devices • Circuit Protection and 	On Request	8 Weeks	N370, 900	Eight (8)	Basic Aircraft Maintenance Engineering Licence in Electrics, instruments or its equivalent.	Aircraft Maintenance Engineer with AME Licence in Electrics and Instruments

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	Control <ul style="list-style-type: none"> • Cable technology and fibre optics • Automatic Flight Control System I • Automatic Flight Control System II • Auto Pilot Shop • On-the-Job Training 						
HF	HUMAN FACTORS IN AIRCRAFT MAINTENANCE COURSE <u>Course outline</u> <ul style="list-style-type: none"> • General Overview • Human Performance and Limitations • Social Psychology 	On Request	2 Weeks	N152, 000	Eight (8)	Aircraft Maintenance Engineers and Technicians.	Aircraft Maintenance Engineering Personnel

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
MOR	MAINTENANCE ORGANISATION AND REGULATION COURSE <u>Course outline</u> <ul style="list-style-type: none"> • International air law • Airworthiness requirement • Civil aviation and Maintenance Regulations • Airline organization and management 	On Request	2 Weeks	N152, 000	Eight (8)	Aircraft Maintenance Personnel.	Aircraft Maintenance Engineering Personnel

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
GTE	GAS TURBINE ENGINE COURSE <u>Course outline</u> <ul style="list-style-type: none"> • Gas turbine engine fundamental • Gas turbine engine construction • Gas turbine engine system • Gas turbine engine maintenance • On-the-job training 	On Request	3 Weeks	N394, 500	Eight (8)	Basic Aircraft Maintenance Engineering Licence in powerplant or its equivalent. Minimum of two (2) years working experience in Aircraft Maintenance.	Aircraft Maintenance Engineer with Basic A&P Licence

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ABMC	AIRCRAFT BATTERIES MAINTENANCE COURSE <u>Course outline</u> <ul style="list-style-type: none"> • DC theory • Battery shop practices • Principles of batteries • Operation of batteries • Storage of batteries • Identification of batteries • Maintenance of batteries 	On Request	2 Weeks	N315, 600	Eight (8)	Candidates must be at least 18 years old. Holder of SSCE with minimum of two (2) years experience in aircraft maintenance..	Aircraft Maintenance Technician/ Secondary School Certificate Holder
DRRC	DIRECT AND REMOTE READING COMPASSES	On Request	4 Weeks	N208, 100	Eight (8)	Basic Aircraft Maintenance Engineering Licence in Electrics, instruments or its equivalent.	Aircraft Maintenance Engineer with AME Licence in Electrics and Instruments

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ASMR	AIRCRAFT SHEET METAL REPAIRS COURSE <u>Course outline</u> <ul style="list-style-type: none"> • Introduction • Blue print reading • Structural tools • Design consideration • Aircraft hardware and materials joint • Structural repair 	On Request	12 Weeks	N650, 000	Eight (8)	Candidates with Basic Aircraft Maintenance Engineering (Airframe & Powerplant) Licence or its equivalent Aircraft Maintenance Technicians with Intermediate Technician Certificate	Aircraft Maintenance Engineers/ Technicians

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
AES	AIRCRAFT ENGINEERING SPECIAL Course outline <u>Airframe And Power Plant</u> <ul style="list-style-type: none"> • Aircraft Generals • Basic Aerodynamics & Aircraft Weight and Balance • Aviation Legislation And Organization Of Civil Aviation • Human Factors In Aircraft Maintenance And Inspections & Occupational Health And Safety Airframe and Airframe System • Piston Engine & Piston Engine System. • Gas Turbine Engine And Gas Turbine Engine System • Helicopter System • Loggings and On-the-job-training 	On Request	45 Weeks	N673, 000	Twelve (12)	SSCE/GCE or NABTEC subjects including: 1. English Lang 2. Mathematics 3. Physics 4. Chemistry And any other Science/Technical subjects. Degree/HND in Mechanical Engineering, Electrical Electronic Engineering, Aircraft Technology, Aerospace Engineering or its equivalent.	University or Polytechnic Graduates

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<u>Avionics</u> <ul style="list-style-type: none"> • Aircraft Generals • Basic Aerodynamics & Aircraft Weight and Balance • Aviation Legislation and Organization of Civil Aviation • Human Factors in Aircraft Maintenance and Inspections & Occupational Health and Safety Airframe • Airframe & Airframe • Aircraft Propulsion • Aircraft Electrics and Aircraft Electrical System • Aircraft Instrument and Instrument System Direct and Remote Reading Compasses 						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Aircraft Generals Basic Aerodynamics & Aircraft Weight and Balance Aviation Legislation and Organization of Civil 						
BTCC	BASIC TECHNICIAN CERTIFICATE COURSE <u>Course outline</u> <ul style="list-style-type: none"> Aircraft general and related science Air legislation Introductory to aircraft structures Introductory to aircraft system Introductory to piston engine Propellers Introductory to aircraft inspection, ground Handling, safety and support equipment 	On Request	45 WEEKS	N673, 000	Twelve (12)	Candidates must be at least 16 years old. Candidate must be secondary School Graduate with minimum of two (2) years experience in aircraft maintenance.	Secondary School Certificate Holders

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ITCC	INTERMEDIATE TECHNICIAN CERTIFICATE COURSE <u>Course outline</u> <ul style="list-style-type: none"> Aircraft general and related science Air legislation Aircraft systems Piston engine Propellers Gas turbine engine Aircraft inspection, ground handling safety and support equipment 	On Request	45 WEEKS	N673, 000	Twelve (12)	Candidate must be have Basic Technician Certificate with minimum of two (2) years experience in aircraft maintenance.	Aircraft Maintenance Technicians with Basic Technician Certificate
LPC	LICENCE PREPARATORY COURSE <u>Course outline</u> <ul style="list-style-type: none"> Aircraft Hardware, Materials and Processes 	On Request	30 WEEKS	N834, 800	Twelve (12)	SSCE/GCE or NABTEC subjects including: 1. English Lang 2. Mathematics 3. Physics	University or Polytechnic Graduates

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Basic Aerodynamics and Weight And Balance • Aviation Legislation and Organization Civil Aviation. • Human Factors in Aircraft Maintenance and Inspections • Aircraft Structure • Aircraft Hydraulic and Pneumatics Systems • Aircraft Fuel System • Fire Warning Protection and Control System • Ice and Rain Protection • Environmental and Air-Conditioning System • Oxygen System • Landing Gear • Air Craft Piston Engines • Propellers 					<p>4. Chemistry And any other science/technical subjects.</p> <p>Degree/HND in Aircraft Technology, Aircraft Maintenance Engineering, Aerospace Engineering or its equivalent.</p> <p>NYSC Discharge Certificate or exemption Certificate.</p>	

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Electrical Fundamentals Electronic Fundamentals Aircraft Electrical Systems Aircraft Instrument Systems OJT <p>Avionics</p> <ul style="list-style-type: none"> Aircraft Hardware, Materials And Process. Basic Aerodynamic And Weight And Balance Aviation Legislation And Organization Of Civil Aviation Human Factors In Aircraft Maintenance and Inspection Aircraft Structure Aircraft Hydraulic and Pneumatics System 						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Aircraft Fuel System Fire Warning Protection And Control System Ice And Rain Protection Environmental & Air-conditioning System Oxygen System Landing Gear Aircraft Propulsion Electrical Fundamentals Electronic Foundational 						
TB-9 LIC (STP)	TB-9 LINE INSPECTION COURSE (STP) <u>Course outline</u> <ul style="list-style-type: none"> Manage aircraft document Perform daily inspection Perform a test run-up Perform engine inspection 	On Request	2 Weeks	N192, 000	Eight (8)	Candidates with Basic Aircraft Maintenance Engineers Licence (Airframe & Powerplant and Avionics)	Aircraft Maintenance Engineers

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none">• Perform landing gear inspection• Perform engine compartment inspection• Perform lubricant operations						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ALM	AVIONICS LICENCE MODULAR COURSE Course outline <ul style="list-style-type: none"> 'X' 9.2 – AC Electrics 'X' 15.2 – Remote Compass Airborne Radio Autopilot 	April, 2018	20 Weeks	N1, 600, 000	Eight (8)	Basic Aircraft Maintenance Engineering Licence (Airframe & Powerplant and Avionics) or its equivalent	Aircraft Maintenance Engineering Personnel
HND-AME	HIGHER NATIONAL DIPLOMA IN AIRCRAFT MAINTENANCE ENGINEERING (AIRFRAME AND POWERPLANT)	09/10/2018	2 Years	N816, 775 Feeding, Accommodation and Ratings Excluded		Candidates for admission into the program should fulfill minimum entry requirements for ND and have a minimum of: (a) ND with a minimum of lower credit pass (CGPA of 2.50 and above) in Aircraft Maintenance Engineering/ Aircraft	All interested members of the public with stated pre-requisites

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
						Engineering Technology/ Electrical Engineering or related Field (b) a minimum of one year post-ND cognate work experience (c) In exceptional cases, a national diploma holder at pass level (CGPA of 2.00-2.49) who has 2 or more years of post ND-Cognate work experience may be considered for admission into the HND program	

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
HND-AME	HIGHER NATIONAL DIPLOMA IN AIRCRAFT MAINTENANCE ENGINEERING (AVIONICS OPTIONS)	09/10/2018	2 Years	N816, 775 Feeding , Accommodation and Ratings Excluded		Candidates for admission into the program should fulfill minimum entry requirements for ND and have a minimum of: (a) ND with a minimum of lower credit pass (CGPA of 2.50 and above) in Aircraft Maintenance Engineering/ Aircraft Engineering Technology/ Mechanical Engineering or related Field (b) a minimum of one year post- ND cognate work experience (c) In exceptional	All interested members of the public with stated pre-requisites

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
						cases, a national diploma holder at pass level (CGPA of 2.00-2.49) who has 2 or more years of post ND-Cognate work experience may be considered for admission into the HND program.	

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience

ATE SCHOOL

2018
COURSE CALENDAR



**NIGERIAN COLLEGE OF
AVIATION TECHNOLOGY, ZARIA**

Training for Excellence

**AERONAUTICAL TELECOMMUNICATIONS
ENGINEERING SCHOOL
COURSE OUTLINE
AND FEES**

AERONAUTICAL TELECOMMUNICATIONS ENGINEERING SCHOOL

The School Offers training of Personnel in the Installation and Maintenance of Communications, Nav-Aids Surveillance and Airport Power Systems for the Aviation Industry. It is Structured into five training Departments

- General Electronics & Computer Studies Department
- Nav-Aids Equipment Maintenance Department
- ATC Radar Equipment Maintenance Department
- Communications Equipment Maintenance Department
- Power System Equipment Maintenance Department



Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ATSEP-L	AIR TRAFFIC SAFETY ELECTRONICS PERSONNEL LICENSE <u>Course outline</u> <ul style="list-style-type: none"> • Air Law • Air traffic Management • Air Space User • Flight Plan Processing • Display and HMI • Human Factor • Separation Standard & Collision Avoidance (SSCA) • Altimetry and Level Allocation • Controller-Pilot Data Link Control • Aerodynamics • Airframe and Power Plant • Avionics • Air Navigation • Meteorology • Voice Communication Systems • Microwave power devices • Satellite Communication 	On Request	12 Weeks	N624,000.00	Twelve (12)	The participant must possess any of the following Qualifications: B.Sc, B.Eng, or HND in Electronic/ Telecommunication Engineering, ATE Diploma (AEROTELS Engineering) obtained from NCAT or its equivalent	Air Traffic Safety Officers, Airport Maintenance Personnel, NAF

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Principles • Surveillance Systems • Navigational Landing aids • Flight Calibration & Inspection • Data Communication Systems • Computer Network • Power Systems (Airfield Lighting/ Visual Landing Systems) • Safety Management System (SMS) • Satellite based systems • Very high Frequency Data Link (VDL) • Power systems (facilities) • Automatic Dependence Surveillance (ADS) • Project Management • Performance Based Navigation • Community Health, Safety and Liabilities • Field Familiarization • ICAO Annexes 						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ATED	AERONAUTICAL TELECOMMUNICATION ENGINEERING DIPLOMA Course outline <ul style="list-style-type: none"> • Engineering Mathematics • Engineering Drawing • Electric Circuit Theory • Network Theory • Electronics Engineering • Digital Electronics • Telecommunications Engineering • Computer Applications • Microprocessors And Computer Principle • Electronic Instrumentation and Control Systems • Embedded Systems & Operating Systems • Airport Communication Systems • Radio Navigation Aids Principles • Radar equipment principles • Airport Power Systems 	On Request	93 Weeks	N1,900,000.00	Twelve (12)	WASC/GCE with minimum of five (5) credits including physics, mathematics and English language.	Anyone with the entry requirement.

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Engineering Mathematics • Engineering Drawing • Electric Circuit Theory • Network Theory • Electronics Engineering • Digital Electronics • Telecommunications Engineering • ATSEP License Preparatory Course 						
PGD-ATSE	POST GRADUATE DIPLOMA IN AIR TRAFFIC SAFETY ELECTRONICS <u>Course Outline</u> <ul style="list-style-type: none"> • Research Methods • Aviation Professional Practice • Safety Electronics Mathematics • Airport Electrical Power Systems • Instrumentation and Control Systems • Microprocessors and Embedded Systems 	29/10/18 on Request	52 Weeks	N386,135.00		WASC/GCE with minimum of five (5) credits including physics, mathematics and English language	Anyone with the entry requirement.

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Research Methods • Aviation Professional Practice • Safety Electronics Mathematics • Airport Electrical Power Systems • Instrumentation and Control Systems • Microprocessors and 						
ATSEC	AIR TRAFFIC SAFETY ELECTRONICS CONCEPT <u>Course Outline</u> <ul style="list-style-type: none"> • Airport Communications Systems • Navigation Aids Principles and Concepts • Navigation Aids Laboratory • Surveillance Principles and Concepts • Radar Systems Data Processing 	on Request	8 Weeks	N460,000.00		SSCE/WASC/ GCE/Technical school certificate	Air Traffic Safety Officers, Airport Maintenance Personnel, NAF.

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Radar System Laboratory • Airport Electrical Power Systems • Power System Laboratory • Computer and Digital Techniques • Microcomputer Principles 						
ILS-P	ILS PRINCIPLES <u>Course Outline</u> <ul style="list-style-type: none"> • ILS Principles: • Introduction • System Layout • Navigational Signal Parameters/Generation • Localizer • Glide Slope • Marker Beacon • Airborne Receivers • Radiation Patterns & Equipment Versions 	05/03/18-23/03/18 On Request	3 Weeks	N200,000.00		The participant must possess any of the following Qualifications: B.Sc, B.Eng, or HND in Electronic/ Telecommunication Engineering, ATE Diploma (AEROTELS Engineering) obtained from NCAT or its equivalent	Engineers/ Technicians

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
CVOR/DVOR-P	CVOR/DVOR PRINCIPLES <u>Course Outline</u> <ul style="list-style-type: none"> General Introduction & Navigation Signal Parameters VOR Principles Generation of VOR Signal DVOR Principles Doppler Effect and Direction Dependent- FM Electronics Simulation of Antenna Movement Monitoring 	02/04/18-06/04/18 On Request	1 Week	N95,000.00	Six (6)	The participant must possess any of the following Qualifications: B.Sc, B.Eng, or HND in Electronic/ Telecommunication Engineering, ATE Diploma (AEROTELS Engineering) obtained from NCAT or its equivalent	Engineers/ Technicians
DME – P	DME PRINCIPLES <u>Course Outline</u> <ul style="list-style-type: none"> Introduction System Layout Navigational Signal Parameter generation 	07/05/18-11/05/18	1 Weeks	N95,000.00	Six (6)	The participant must possess any of the following Qualifications: B.Sc, B.Eng, or HND in Electronic/ Telecommunication	Engineers/ Technicians

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Introduction • System Layout • Navigational Signal Parameter generation • Pulse Pairs • Transponder • Interrogator • Introduction • System Layout • Navigational Signal 					Engineering, ATE Diploma (AEROTELS Engineering) obtained from NCAT or its equivalent	
NAVAIDS- P	NAVIGATION AIDS (ILS/VOR/DME) PRINCIPLES	05/02/18-09/03/18 On Request	5 Weeks	N360,000.00	Six (6)	The participant must possess any of the following Qualifications: B.Sc, B.Eng, or HND in Electronic/ Telecommunication Engineering, ATE Diploma (AEROTELS Engineering) obtained from NCAT or its equivalent	Engineers/ Technicians

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ACTLDVOR-E	ALCATEL DVOR EQUIPMENT MAINTENANCE (TRAINAIRSTP) Course Outline: <ul style="list-style-type: none"> DVOR Principles Review Power Supply Unit DVOR Transmitter Controls & Indication Panel DVOR Subsystems and General Block Diagram Laboratory Exercises Annex 10 Vol1; Doc 8071 	30/07/18-17/08/18 On Request	3 Weeks	N250,000.00	Six (6)	The participant must possess any of the following Qualifications: B.Sc, B.Eng, or HND in Electronic/ Telecommunication Engineering, ATE Diploma (AEROTELS Engineering) obtained from NCAT or its equivalent	Engineers/ Technicians
THALES CVOR-E	THALES CVOR EQUIPMENT MAINTENANCE Course Outline: <ul style="list-style-type: none"> CVOR Principles Review Power Supply Unit CVOR Transmitter Controls & Indication Panel DVOR Subsystems and General Block Diagram Laboratory Exercises Annex 10 Vol1; Doc 8071 	08/10/18-26/10/18 On Request	3 Weeks	N250,000.00	Six (6)	The participant must possess any of the following Qualifications: B.Sc, B.Eng, or HND in Electronic/ Telecommunication Engineering, ATE Diploma (AEROTELS Engineering) obtained from NCAT or its equivalent	Engineers/ Technicians

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
THLS -ILS - E	THALES ILS EQUIPMENT MAINTENANCE Course Outline: <ul style="list-style-type: none"> • Introduction • System Layout • Navigational Signal Parameters/Generation • Localizer • Glide Slope • Marker Beacon • Block Diagram • Radiation Patterns & Equipment (1F and 2F Versions) • Laboratory Exercises • Annex 10 Vol1; Doc 8071 	03/12/18-21/12/18 On Request	3 Weeks	N280,000.00	Six (6)	The participant must possess any of the following Qualifications: B.Sc, B.Eng, or HND in Electronic/ Telecommunication Engineering, ATE Diploma (AEROTELS Engineering) obtained from NCAT or its equivalent	Engineers/ Technicians

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
THALES DME- E	THALES DME EQUIPMENT MTCE <u>Course Outline:</u> <ul style="list-style-type: none"> • DME Principles revision • DME subsystems • Equipment Operations and Maintenance • Equipment troubleshooting • Alignment 	08/10/18-26/10/18 On Request	2 Weeks	N180,000.00	Six (6)	The participant must possess any of the following Qualifications: B.Sc, B.Eng, or HND in Electronic/ Telecommunication Engineering, ATE Diploma (AEROTELS Engineering) obtained from NCAT or its equivalent	Engineers/ Technicians
ILS-R	ILS/DME EQUIPMENT MAINTENANCE - REFRESHER <u>Course Outline:</u> <ul style="list-style-type: none"> • Power Supply Module • Transmitter (Course & Clearance) 	02/07/18-06/07/18 On Request	1 Week	N95,000.00	Six (6)	Engineering/ Technical qualifications. In addition, candidates must have done the DVOR Principles course and Digital Techniques Course.	Engineers/ Technicians

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Monitor • Antenna System • Power Distribution Unit • Laboratory Exercises 						
VOR-R	VOR EQUIPMENT MAINTENANCE - REFRESHER <u>Course Outline:</u> <ul style="list-style-type: none"> • Power Supply Unit • DVOR Transmitter • Controls & Indication Panel • DVOR Subsystems and General Block Diagram • Laboratory Exercise 	02/04/18-06/04/18 On Request	1 Week	N950,000.00	Six (6)	Engineering/ Technical qualifications. In addition, participants must have attended both the principles and equipment training on ILS.	Engineers/ Technicians
CNS DTI	USE OF CNS DIAGNOSTICS/ TEST INSTRUMENTS <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction to Test Instruments and Test Gears • Instrumentation & Transducers 	29/10/18-02/11/18 On Request	1 Week	N150,000.00	Six (6)	The Candidate must have BSc, B.ENG, HND in Electronics/ Telecommunications Engineering, ATE Diploma in Aerotels	Engineers/ Technicians

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Introduction to Test Instruments and Test Gears • Instrumentation & Transducers • Electrical Measurement • Specific application of the following Test Instruments/ Gears: Multimeters; RF Power Meters; Signal Generators; ILS Field Test Set, VOR/ILS Signal 					Engineering obtained from NCAT or its Equivalent.	
ANSM	AIR NAVIGATION SYSTEMS MANAGEMENT Course Outline: <ul style="list-style-type: none"> • Systems support logistics Management • Systems Reliability • CNS / ATM Systems Overview 	05/02/18–16/02/18 02/04/18-13/04/18 02/07/18-13/07/18 17/09/18-28/09/18	2 Weeks	N187,000.00	Six (6)	Engineering/ Technical qualifications. And Possession of ATSEP License, in addition, a minimum of Five (5) years maintenance	Middle and Senior Management, Air Traffic Safety Electronic Personnel from NAMA, NCAA, the Nigeria Air force and

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Financing Maintenance Management Focusing for growth Airtraffic Management Information Management Air Navigation regulation Organisational Goal Personnel Motivation Trainee Project 					experience on an operational Nav aids equipment.	participants from other international agencies.
SRADP	SURVEILLANCE RADAR PRINCIPLE Course Outline: <ul style="list-style-type: none"> Radar fundamentals Radar Parameters Moving Target Indicator and Pulse Doppler Secondary surveillance Radar Future Trend Radar Laboratory Exercises Regulation Field Familiarization 	19/02/18-16/03/18 07/05/18-01/06/18 06/08/18-31/08/18 05/11/18-30/11/18 On Request	4 Weeks	N273,500.00	Six (6)	The candidate must be a practicing aviator with proven experience. AB. Sc., HND in Electronics/ Telecommunications /Computer Engineering or its equivalent is an added advantage. Candidates must be 35 years of age and above.	Air Traffic Safety Electronic Personnel from NAMA, NCAA, the Nigerian Air force, Maritime Industry, NIMET and participants from other international agencies/ individuals.

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
SSRP	SECONDARY SURVEILLANCE RADAR PRINCIPLE (MONOPULSE) <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction To SSR • Modes and Codes • SSR Antenna • Interrogator Transmitter • Airborne Transponders • Interrogator receivers • Plot Extractor • Future Trends • Traffic Collision Avoidance System • Multilateration • Gray Code • Regulation • Field Familiarization 	30/07/18-17/08/18 08/10/18-26/10/18 03/12/18-21/12/18	3 Weeks	N204,500.00	Six (6)	The candidate must have a B.Sc. or HND in Electronics/ Telecommunications Engineering, ATE Diploma in AERO Telecoms Engineering or it's Equivalent. Candidates must be 25 years of age and above	Air Traffic Safety Electronic Personnel from NAMA, NCAA, the Nigerian Air force and participants from other international agencies/ individuals
PCBD	PRINTED CIRCUIT BOARD DESIGN AND FABRICATION <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction to the PCB • Electronic Components • PCB Materials 	16/07/18-27/07/18 22/01/18-02/02/18 On Request	2 Weeks	N175,000.00	Six (6)	The candidate must have a B.Sc. or HND in Electronics/ Telecommunications Engineering,	Engineers and Technologist

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Introduction to the PCB • Electronic Components • PCB Materials • Introduction to Electronic circuits design software • Safety precautions • PCB Layout and Artwork Transfer • Chemical Process: Developing, Etching, Surface Finishing, Conformal Coatings 					ATE Diploma in AERO Telecoms Engineering or it's Equivalent. Candidates must be 25 years of age and above	
AS	ANTENNA SYSTEM Course Outline: <ul style="list-style-type: none"> • Basic concepts and definitions • Transmission lines • Antenna couplers • Directive characteristic of antennas • High frequency antennas • VHF/UHF Antenna systems • Construction of Antennas 	07/05/-25/05/2018 05/09/-23/09/2018	3 Weeks	N204,000.00	Six (6)	Engineering/ Technical qualifications	Maintenance Personnel involved in the installation and maintenance of antenna

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Antenna parameters and measurements Navigation aids antenna system Radar antenna systems Familiarization visit 						
FOT	OPTICAL FIBER <u>Course Outline</u> <ul style="list-style-type: none"> Introduction History of Fiber Optical Communication Advantages of Fiber Optics The Fiber Optic Link Fiber Optic Networks Optical Modulation Multiplexing Electromagnetic wave theory Optical Fiber Characteristics Fiber Optic Cables Optical Fiber Components Fiber manufacturing 	05/02/18–16/02/18 02/04/18-13/04/18 02/07/18-13/07/18 17/09/18-28/09/18 On Request	2 Weeks	N204,000.00	Six (6)	Engineering/ Technical qualifications	Engineers, Technologist and Technicians engaged in the maintenance of fiber optic

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Process • Fiber Types • Cable Types • Cable Selection • Terminations and Connectors • Connectors Types and Performance • Tools for connector Termination, Installation & Polishing • Practical Exercises for Connector Termination, Installation & Polishing • Fiber Optic Light Sources • Safety Issues • Splicing • Fusion splicing with the SUMITOMO • Type-25e Tomcats Splicer • Fiber Optic Testing and Troubleshooting using OLTS&OTDR-OV 1000 						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Process • Fiber Types • Cable Types • Cable Selection • Terminations and Connectors 						
DATAKOM	DATA COMMUNICATION <u>Course Outline:</u> <ul style="list-style-type: none"> • Background to communication • Definitions and basic principles • Impacts of personal computer • Basic data communications standards • Selection and installation of data cables • Open system 	07/05/-25/05/2018 05/09/-23/09/2018	2 Weeks	N194,000.00	Six (6)	Engineering/ Technical qualifications	Engineers and Technologist involved in the operation and maintenance of data communication equipment.

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> interconnection (OSI) Error detection and correction Introduction to protocols Modems Practical sessions 						
AGL	AIRFIELD GROUND LIGHTING SYSTEM <u>Course Outline:</u> <ul style="list-style-type: none"> Introduction to civil airfield ground lighting Function of Airfield Lighting Airport Lighting System Airport Lighting Series Circuit Constant Current Regulators Series Circuit Transformers 	15/01/-02/02/ 2018 07/05/-25/05/ 2018 On Request	3Weeks	N250,000.00	Six(6)	B.Sc, HND, ND, ATE Diploma or Airfield Personnel responsible for design, installation, repair and maintenance of Airfield Lighting.	Engineers and Technicians and personnel involved in the maintenance, installation, repairs, design and regulation of Airfield Ground Lighting System of both Civil and Military Airfield

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Emergency Airfield Ground Lighting (EAL) Lighting Sources Airport Runway and Taxiway Fixtures OJT 						
AGL-M	AIRFIELD GROUND LIGHTING SYSTEM (MAINTENANCE) Course Outline: <ul style="list-style-type: none"> Introduction to civil airfield ground lighting Function of airfield lighting Airport lighting system Airport lighting series circuit Constant current regulators Series circuit transformers Lighting sources 	09/04/-27/04/2018 08/10/-26/10/2018 On Request	3 Weeks	N250,000.00	Six (6)	B.Sc, HND, ND, ATE Diploma or Airfield Personnel responsible for design, installation, repair and maintenance of Airfield Lighting.	Engineers, Technicians and personnel involved in the maintenance, installation, repairs, design and regulation of Airfield Ground Lighting System of both Civil and Military airfield

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Airport runway and taxiway fixtures • Signs and markings • Visual aids • Approach lighting and visual approach path indicators • Control systems • Safety • Safety management system (SMS) • Test equipment and measurements • Standby power systems • Maintenance management/ Fault Finding • ICAOSARPS • OJT 						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
OMDEG	MAINTENANCE AND REPAIRS OF GENERATOR <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction to Internal Combustion Engine • Function of components part of Diesel Engine • Basic principle operation of a Diesel Engine • Engine System (four stroke cycle) • Intake and Exhaust System • Fuel System • Cooling System • Lubrication System • Starting Arrangement • Maintenance Schedule • Troubleshooting • Principle of Generator • Safety Management System (SMS) 	05/03/-16/03/ 2018 04/06/-15/06/2018 On Request	2 Weeks	N170,000.00	Six (6)	B.Sc, HND, ND, ATE Diploma or Airfield Personnel responsible for design, installation, repair and maintenance of Power System.	Mechanical Engineers, Power house maintenance personnel and those responsible for the management of power generating systems in their establishment

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
OMR&A	MAINTENANCE AND REPAIRS OF AIR-CONDITIONING SYSTEM Course Outline: <ul style="list-style-type: none"> • Introduction to Refrigeration System • Function of major component of Refrigeration System • Principle of Operation of Refrigeration System • Air Conditioning system • Characteristic of a good Refrigerants • Method of Determine leakages • Procedures for Charging Refrigerant • Maintenance Procedure • Trouble Shooting • Safety Management System (SMS) 	12/02/-23/02/ 2018 09/07/-20/07/ 2018 On Request	2 Weeks	N170,000.00	Six (6)	B.Sc, HND, ND, ATE Diploma or Airfield Personnel responsible for design, installation, repair and maintenance of Refrigeration & Air-Conditioning System.	Mechanical Engineers/ Technicians Utility Personnel involved in the maintenance, installation, repairs and supervision of Refrigeration and Air-conditioning system.

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
OMSPS	OPERATION AND MAINTENANCE OF SOLAR POWER SYSTEM <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction to Solar Power • Photovoltaic cell • Overview of Operation and Maintenance of Solar Power System • PV Components • PV System Application • Operation Conditions • Sizing and Design of Solar Systems • Balance of System Equipment • Battery Sizing • Panel Positioning and Location • Installation Procedure • Maintenance and Troubleshooting • Safety Management System (SMS) 	26/03/-06/04/ 2018 25/06/-06/07/ 2018 On Request	2 Weeks	N170,000.00	Six (6)	B.Sc, HND, ND, ATE Diploma or Airfield Personnel responsible for design, installation, repair and maintenance of Power System.	Engineers and Technicians and personnel involved in the maintenance, installation, repairs and design of Solar Power System.

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
VNLS-M	VISUAL / NIGHT LANDING SYSTEM MAINTENANCE Course Outline: <ul style="list-style-type: none"> • Introduction to civil airfield ground lighting • Function of airfield lighting • Airport lighting system • Airport lighting series circuit • Constant current regulators • Series circuit transformers • Lighting sources • Airport runway and taxiway fixtures • Signs and markings • Visual aids • Approach lighting and visual approach path indicators • Control systems • Safety • Safety management system (SMS) • Test equipment and measurements • Standby power systems 	06/08/-24/08/ 2018 On Request	3 Weeks	N250,000.00	Six (6)	B.Sc, HND, ND, ATE Diploma or Airfield Personnel responsible for design, installation, repair and maintenance of Airfield Lighting..	Engineers, Technicians and personnel involved in the maintenance, installation, repairs, design and regulation of Airfield Ground Lighting System of both Civil and Military airfield.

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Maintenance management/ Fault Finding ICAO SARPS OJT 						
CIMR	COMPUTER INSTALLATIONS, MAINTENANCE AND REPAIRS <u>Course Outline:</u> <ul style="list-style-type: none"> Troubleshooting methodology Operating systems Electricity and power supplies System cases CPUs and motherboards The basic input/output system Memory systems Bus structures Peripheral connection types 	05/02/18–16/02/18 02/04/18-13/04/18 02/07/18-13/07/18 17/09/18-28/09/18 On Request	2 Weeks	N120,000.00	Six (6)	Engineering/ Technical qualifications	Air Traffic Safety Officers IT Personnel, Engineers, Technicians

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Data storage devices • Video output and image input devices • Printers • Networking computers • Network troubleshooting • Portable computers • Windows management • Windows monitoring • Operating system troubleshooting • Security • Windows installation and upgrades • Safety and maintenance 						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
NET	COMPUTER NETWORKING <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction to Network • Network Theory • Network Topologies • Network Configuration • Network Communication Methods • Network Data Delivery • Network Media and Hardware Devices 	02/07/18-13/07/18 17/09/18-28/09/18 On Request	2 Weeks	N120,000.00	Six (6)	Engineering/ Technical/ IT qualifications Computer literacy	Air Traffic Safety Officers, Engineers, IT Technicians
DBMS	DATABASE MANAGEMENT SYSTEM USING MS ACCESS <u>Course Outline:</u> <ul style="list-style-type: none"> • Relational Databases • Related Tables • Complex Queries • Advanced Queries • Querying with SQL • Advanced Form Design • Reports and Printing 	04/06/ - 15/06/18 05/11 - 16/11/18 On Request	2 Weeks	N100,000.00	Six (6)	Computer literacy	HR/Admin Offers, Planning Officers, Statisticians, PR Personnel, Store Officers, Secretaries, IT Personnel, Engineers/

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Charts Pivot Tables and Pivot charts Importing, Exporting and Linking Database Management 						Technicians, Quantity Surveyors, Architects, Finance/Accounts Officers, Computer Operators
LINUX	LINUX OPERATING SYSTEM <u>Course Outline</u> <ul style="list-style-type: none"> Unix Command Line Process Text Streams Using Text Processing Filters Perform Basic File Management Use Unix Streams, Pipes and Redirects Regular Expressions Job Control Modify Process Execution Priorities Advanced Shell Usage File system Concepts Manage File Ownership 	02/07/18-13/07/18 05/11 – 16/11/18 On Request	2 Weeks	N100,000.00	Six (6)	Engineering/ Technical/ IT qualifications Computer literacy	ASTES Personnel and ICT Personnel

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Control File system Mounting and Unmounting Maintain the Integrity of File systems Tune the User Environment and System Environment Variables Configure and Use System Log Files Automate and Schedule System Administration Tasks Maintain an Effective Data Backup Strategy 						
ND-EE	NATIONAL DIPLOMA (ND) ELECTRICAL/ ELECTRONIC ENGINEERING <u>Course Outline:</u> <ul style="list-style-type: none"> Use of English Communication Skills II Algebra and Elementary Trigonometry 	29/10/2018	2 Years	N284,460 (Feeding and Accommodation exclusive)		A minimum of 5 O' Level Credits in Sciences including Mathematics, English and Physics and JAMB UTME	All interested members of the public who satisfy the stated pre-requisites

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Citizenship Education • Technical Drawing • Basic Workshop Technology and Practice • Introduction to Computing • Computer Hardware I • Electrical Graphics • Electrical Engineering Science I • Communication Skills II • Calculus • Machine Tools Technology and Practice • Electrical Power I • Electrical Machines I • Electronics I • Electrical Engineering Science II 						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Electrical and Electronic Instrument I • Telecommunications I • Electrical Installation of Building • Technical Report Writing • Logic and Linear Algebra • Electrical Power II • Electrical Machines II • Electronics II 						



2018
COURSE CALENDAR

NIGERIAN COLLEGE OF AVIATION TECHNOLOGY, ZARIA

Training for Excellence

AIR TRAFFIC SERVICES/ COMMUNICATION SCHOOL COURSE OUTLINE AND FEES

AIR TRAFFIC SERVICES/COMMUNICATION SCHOOL

The School is charged with the responsibility of producing Air Traffic Controllers, Aeronautical Information Service Officers (AIS) and Aeronautical Operators (AO) for the Civil Aviation Industry in Nigeria, as well as other interested users in other countries. It is organized into four training Departments

- General Air Traffic Services Department
- Communications Department
- ATC Radar Department
- Area/Airways Department



Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
AC052/053 67 & AC 68	STANDARD AIR TRAFFIC CONTROL COURSE NO. 67 & 68 Course Outline: <ul style="list-style-type: none"> • Aerodrome and Ground Aids. • Search and Rescue, Air Traffic • Services, Meteorology, • Navigation. Aerodynamics • Aircraft Electrics, Air law, • Communication procedures. • Radio and Radar Principles, • Aeronautical Information Service. • Human Factors in ATC. • CNS'ATM Concept, Introduction to PBN, Emergency. ATS • Practical, (IFR.& VFR) 	18/02/2018	45 Weeks	N3,450,500 Feeding and Accommodation Included	Eight (8)	1. B.Sc.. B.Tech. in Physical Science Mathematics Geography or Engineering 2. SSCE. withal least five credits in English, mathematics. Geography, and Physics and any other science subjects plus three years of relevant field experience. 3. Minimum age requirement shall be 20 years. 4. Possesses a valid class 3 medical certificate.	NAMA ,NAF and other organizations ATCOs

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ACRF-7	AIR TRAFFIC CONTROL REFRESHERS COURSE <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction to Management. • Human Factors, SMS , Air • Traffic Service, Meteorology. • Communication, Air Law. Air • Traffic: Service Practical. 	On Request	3 Weeks	N257,650	Six (6)		ATCOs WITH AEROD. And Approach License
AC0-59	APRON CONTROL COURSE NO.5 <u>Course Outline:</u> <ul style="list-style-type: none"> • Aerodrome and Ground Aids • (AGA), Search and Rescue. Air • Traffic Services. Meteorology. • Navigation, Aerodynamics, • Piston engine. Aircraft Electric • Air Law, Communication 	On Request	20 Weeks	N1,319,300 Feeding and Accom. included	Six (6)		FAAN and other Staff

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
AC052/053 67 & AC 68	STANDARD AIR TRAFFIC CONTROL COURSE NO. 67 & 68 <u>Course Outline:</u> <ul style="list-style-type: none"> • Aerodrome and Ground Aids. • Search and Rescue, Air Traffic • Services, Meteorology, • Navigation. Aerodynamics • Aircraft Electrics, Air law, • Communication procedures. • Radio and Radar Principles, • Aeronautical Information Service. • Human Factors in ATC. • CNS'ATM Concept, Introduction to PBN, Emergency. ATS • Practical, (IFR.& VFR) 	18/02/2018	45 Weeks	N3,450,500 Feeding and Accommodation Included	Eight (8)	1. B.Sc.. B.Tech. in Physical Science Mathematics Geography or Engineering 2. SSCE. withal least five credits in English, mathematics. Geography, and Physics and any other science subjects plus three years of relevant field experience. 3. Minimum age requirement shall be 20 years. 4. Possesses a valid class 3 medical certificate.	NAMA ,NAF and other organizations ATCOs

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ACRM	STANDARD AIR TRAFFIC CONTROL REMEDIAL <u>Course Outline:</u> ?? HATS/COM <ul style="list-style-type: none"> Air Traffic Services . Air Law, Communication Procedures Meteorology, Navigation ATS Practicals 	On Request	4 Weeks	N377,650	Eight (8)	1. B.Sc. in Physical Science subjects, Diploma in Aerodrome and Approach Control, Air Traffic Control License with rating in "A" and "B" possession of a valid class 3 medical certificate	ATCOS who failed the A&B Courses
BAIMO (121)	BASIC AERO. INFORMATION OFFICERS' COURSE (9&10) <u>Course Outline:</u> <ul style="list-style-type: none"> Air Traffic Services/RVSM . Air Law, Aerodrome. Air route and Ground aids. Aircraft operating characteristic. 	08/02/2017	34 Weeks	N1,800,000 Feeding and Accom. included	Ten (10)	First University degree or equivalent on Mathematics. Geography, Physics or any other related field. Computer Literacy is an added advantage	NAMA AIS Staff

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Aeronautical Information Services General. • Aeronautical Information Management. • NOTAM and AIP Management, Flight Planning and PIB, Communication network planning, crew briefing/ICAO • Documentation Facilitation, Meteorology. • Air navigation. • Aircraft operating a agency messages. • Introduction to Computer Appreciation. • Introduction to ATS Computer Messages. 						

ATS/COM SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Aeronautical Chart/Element of Cartography, Radio Navigation Aid Search and Rescue/emergency CNS/ATM. Aeronautical Fixed Telecommunication Network, NOTAM aid Flight Planning Practical, AIP& Chart Practical. Radio Telephony. 						
GAO (151)	GOVERNMENT AVIATION OPERATIONS (GAO-11) Course Outline: <ul style="list-style-type: none"> Air Traffic Services RVSM, Air Law. Aerodrome ,Air-route and Ground aids obstructions, Evaluation/Airport analysis. Aircraft Operating characteristics 	07/03/2017	12 Weeks	N950,000 Feeding and Accom. Included	Ten (10)		NCAA and other Airport Operators

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Airworthiness. Certification Inspection, Aeronautical Information Services. Safety Management System. Accident Investigation prevention, personnel licensing CNS/ATM, Services Provided by State, Communication procedures. Element of Management. Facilitation. Meteorology . Air Navigation. Radio Navigation aids. Searchand Rescue/Emergency , ATS Practical (VFR). 						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
AAIM	ADVANCED AIM <u>Course Outline:</u> <ul style="list-style-type: none"> Aeronautical Information Management, Facility Training. Introduction to PBN Techniques Management 	22/02/2018	8 Weeks	N850,000 Feeding and Accom. Included	Eight (8)	Officer with Basic A1S Certificate or Diploma in Basic Aeronautical Information Management	NAMA AIS Staff
BASE OPS	BASE OPERATIONS <u>Course Outline</u> <ul style="list-style-type: none"> Air Navigation, Aircraft Operating Characteristic, Crew briefing. Aerodrome, Air route and Ground aids(AGA). Aeronautical Information Services. Air Traffic Services. Air Law. Communication Procedures, Meteorology, Search and Rescue, Aeronautical Chart 	04/04/2018	12 Weeks	N950,000 Feeding and Accom. Included	Six (6)	Holders of SSCE. NECO, GCE or its equivalent with five (S)O' level Credit passes in English), Mathematics and 2 other Science subjects in not more than (two (2) sitting:.	NAF Airport Operations and other Aviation Personnel

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
RTO	RADIO TELEPHONY OPERATION <u>Course Outline</u> <ul style="list-style-type: none"> • Aeronautical Mobile Service (AMS) • Communication Network Planning (CNP) • Aircraft Operating Agency (AOA) • Aeronautical Information Management (AIM) • Radio Navigation Aids (RNA) • Air Routes and Ground Aids (AGA) • Airlaw (ALR) • Meteorology (MET) • Emergency Search and Rescue (EM/SAR) • Radiotelephony Practical (RTF) 	7th May 2018	8 Weeks	N850,000 Feeding and Accom. Included	Eight (8)		NAMA, FAAN And Other Organisations

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
AIRPORT OPS	AIRPORT OPERATIONS <u>Course Outline</u> <ul style="list-style-type: none"> • Aerodynamics, Air law. • Aerodrome Air route and Ground Aids, • Aeronautical Information Service. • Air Traffic Service., CNS/ATM. • Communication Procedures, Emergency . • Search and Rescue Facilitation, Meteorology. • Air Navigation. • Radio Navigation Aids. Airport Environment and Land use Control. • Airport Administration Management. 	11/04/2018	12 Weeks	N950,000 Feeding and Accom. Included	Six (6)		Government operators

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ACC 055	AREA CONTROL (NON-RADAR) NO.36 <u>Course Outline</u> <ul style="list-style-type: none"> • Airspace, General ACC • Procedures, Strip Procedures, • Separation Standards, • Coordination, • Radio Navigation • Aids Meteorology/Altimetry, • Fight Information Service/Air • Traffic Advisory Services and Position Reporting. • Separation Calculations. • Traffic Prediction and Planning, Emergency, Air Law. AF1 Reduced Vertical Separation Minima, CNS-ATM, Alerting Service. • ACC Practical 	25/01/2018	10 Weeks	N850,000	Eight (8)	The participant must have at least five years post ATC licence cognate experience in A&B rating	ATCOs with A& B

ATS/COM SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ATCR-4	AREA/TERMINAL APPROACH RADAR <u>Course Outline:</u> <ul style="list-style-type: none"> • Approach Procedures. • Surveillance Radar (Technical) • Surveillance Radar (Operational) • Surveillance Radar Simulator • Training Meteorology. 	08/02/2018	12 Weeks	N550,000 950,000 Feeding and Accom. Included	Eight (8)		ATCOs with A & B

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
AO	AERONAUTICAL OPERATIONS Course Outline: <ul style="list-style-type: none"> • Aeronautical Fixed Telecommunication Network (AFTN) • Communication Network Planning (CNP) • Introduction to ATS Computer Messages (ICM) • Aeronautical Mobile Service (AMS) • Aircraft Operating Agencies (AOA) • Meteorology (MET) • Radio Navigation Aids (RNA) • Aircraft Operating Characteristics (AOC) • Communication Navigation Surveillance/Air Traffic Management (CNS/ATM) • Air Law (ALR) • Emergency Search and Rescue (EM/SAR) 	8th September 2018	44 Weeks	N2,018,180 Feeding and Accommodation	Ten (10)	1. Bachelor Degree or HND in any field preferably English/French, 2. 3-5 years as an Aeronautical	NAMA Com. Staff

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COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Air Traffic Services (ATS) • Aerodrome and Ground Aids (AGA) • Reduced Vertical Separation Minima (RVSM) • Morse Code Practice (MCP) • Radiotelephony Practical (RTF) • LAG PF English Language Proficiency Training (LANG PF) • Human Factors (HF) • Communication Center Operations (CCO) • Aeronautical Information Management (AIM) 					<p>Communication Operation Assistant</p> <p>3. Minimum age requirement shall be 20 years. Possession of a valid class 3 medical certificate.</p>	

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COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
AMS	AERONAUTICAL MOBILE SERVICE (AMS) <u>Course Outline:</u> <ul style="list-style-type: none"> • Aeronautical mobile service. • Communication network planning. • Aircraft operating agency. • Aeronautical information service, CNS'ATM. • Aerodrome and ground aids. • Air law. • Meteorology. • Reduced vertical separation minima. • Air traffic services, communication centre operations. • RTF practical. 	18/04/2018	12 Weeks	N950,000 Feeding and Accom. Included	Eight (8)	Successful completions of Aeronautical Operation (AO) and Advanced Communication Officers courses (ACO). 5 years post experience after Advanced Communication Course.	NAMA STAFF with A.O. DIPLOMA

ATS/COM SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ACO	ADVANCE COMMUNICATION OFFICER'S COURSE <u>Course Outline:</u> <ul style="list-style-type: none"> • Air Law, • Radio Navigation Aids. • Systematic, frequencies. • Aeronautical Meteorology • Aeronautical Information • Service/Management. • Aeronautical fixed • Telecommunication network computer operation, • Introduction to ATS messages. • Aeronautical • Fixed Telecommunication network planning. • Aircraft operating Agency messages. • Fundament of a supervision. 	25/04/2018	12 Weeks	N605,250 N950,000 Feeding and Accom. Included	Eight (8)	A good University / Polytechnic Degree / HND in any Discipline BA English 'French is an added advantage. Applicant must be possess a Diploma in Aeronautical Operation.	NAMA STAFF with A.O. DIPLOMA

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Computer Appreciation and application. Aeronautical mobile service operatives. 						
CCM	COMMUNICATION CENTRE MANAGEMENT (CCM) Course Outline: <ul style="list-style-type: none"> Management leadership. Policy of an ideal training manager. Industrial Safety. Supervision and delegation of responsibilities. Overview of ATTN. Overview of AMS. Leadership and Motivation. Staffing and Human Resources. 	08/03/2018	3 Weeks	N257,650	Six (6)	Advanced Communication Officers Course (ACO), Aeronautical Communication Supervisors Course and five years working experience on the field.	NAMA STAFF with A.O. DIPLOMA

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ACO59	APRON CONTROL COURSE <u>Course Outline:</u> <ul style="list-style-type: none"> • Aerodrome and Ground Aids(AGA). • Search and Rescue. • Air Traffic Services. • Meteorology. • Navigation. • Aerodynamics. • Piston Engine. • Aircraft Electric. • Air Law. • Communication Procedures. • Radio and Radar principle. • Aeronautical Information Services. • Apron Control Management. • Apron Control Practical. 	On Request	20 Weeks	N1,319,300 Feeding and Accommodation	Six (6)	SSCE with at least Five Credits including English and Mathematics plus any other science subjects	FAAN and Airlines Staff

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
AC052/053 69 & 70	STANDARD AIR TRAFFIC CONTROL COURSE NO. 69 & 70 Course Outline: <ul style="list-style-type: none"> • Aerodrome and Ground Aids. • Search and Rescue. • Air Traffic Services. • Meteorology. • Navigation. • Aerodynamics. • Aircraft Electrics. • Air law. • Communication procedures. • Radio and Radar Principles. • Aeronautical Information Service. • Human Factors in ATC. • ATS Practical (IFR & VFR). • Introduction to PBN. 	27/06/2018	45 Weeks	N3,846,407 Feeding and Accommodation	Eight (8)	1. B.sc. B. Tech. in Physical Science, Mathematics or Geography or Engineering 2. SSCE, with at least five credits in English, Mathematics, Geograph and Physics and any other Science subjects plus three years of relevant field experience. 3. minimum age requirement shall be 20 years. 4. Possesses of a valid class 3 medical certificate	NAMA ,NAF and other organizations ATCOs

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ACRF 8	AIR TRAFFIC CONTROL REFRESHERS COURSE <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction to Management. • Human Factors, Emergency. • Air Traffic Service. • Meteorology. • Communication. • Air Law. • Air Traffic Service Practical. 	20/06/2018	3 Weeks	N257,650	Six (6)	ATCOs with Aerodrome and Approach Ratings	NAMA & PRIVATE staff A & B LICENCE
ACRM	AIR TRAFFIC CONTROL REMEDIAL <u>Course Outline:</u> <ul style="list-style-type: none"> • ATS, Air law, • Communication Procedures, • Meteorology • Navigation 	18/07/2018	4 Weeks	N377,650	N/A	1. B.Sc. in Physical Science subjects, Diploma in Aerodrome and Approach Control, Air Traffic Control License with rating in "A" and "B" possession of a valid class 3 medical certificate	ATCOs

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ACO 59	MARSHALLERS COURSE NO.11 Course Outline: <ul style="list-style-type: none"> Air Traffic Services. Air law. Aerodrome and Air route and Ground Aids. Communication Procedures. Aerodynamics. Engine Rotation. Marshalling Signals. Marshalling practical. 	25/07/2018	4 Weeks	N377,650	Six (6)	Must possess five(5)O level credit passes in SSCE, NECO, GCE or its equivalents which must include English and Mathematics obtained in not more than two (2)sitting	FAAN,NCAA, NCAT STAFF
BAIMO (121)	BASIC AERO. INFORMATION MANAGEMENT OFFICER COURSE NO.9 & 10 Course Outline: <ul style="list-style-type: none"> Air Traffic Services .RVSM. Air Law. Aerodrome. 	14/09/2018	34 Weeks	N2,093,000 Feeding and Accommodation	Ten (10)	First University Degree Or Equivalent on Mathematics. Geography, Physics or any	NAMA AIS PERSONNEL

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none">• Air route and Ground aids.• Aircraft operating characteristic.• Aeronautical Information Services.• General Aeronautical Information Management.• NOTAM and AIP Management.• I-light Planning and PIB.• Communication network planning, crew briefing' ICAO• Documentation.• Facilitation.• Meteorology.• Air navigation.• Aircraft operating agency messages.• Introduction to PBN					other related Field. Computer Literacy is an added advantage	

ATS/COM SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Introduction to Computer Appreciation. • Introduction to ATS Compute Messages. • Aeronautical Chan/Clement of Cartography. • Radio Navigation Aid. • Search and Rescue. • Emergency, CNS-ATM. • Aeronautical Fixed. • Telecommunication Network. • NOTAM and Flight Planning. • Practical, AIP& Chart 						
ATCR-5	AREA/TERMINAL APPROACH RADAR NO.5 <u>Course Outline:</u> <ul style="list-style-type: none"> • Approach Procedures. 	08/05/2018	12 Weeks	N850,000	Eight (8)	ATCOs with AA B Ratings and 3 years post rating experience	NAMA & OTHERS

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Surveillance Radar (Technical) • Surveillance Radar (Operational). • Surveillance Radar Simulator. • Training Meteorology. 						
AVSEC Aw1	AVIATION SECURITY AWARENESS NO.1 <u>Course Outline:</u>	On hold until approved by NCAA	1 Week	N180,000	Eight (8)	Personnel working at the Airport & other Aviation sector	NAMA & Others
AVSEC (123)	AVIATION SECURITY (BASIC) NO.10	On hold		N850,000 Feeding and Accommodation	Six (6)	SSCE or equivalents in Five Credits including English and Mathematics.	FAAN.NCAT Staff and Other organization

ATS/COM SCHOOL

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COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
						A good background checks would be required. Written and Oral command of English language	
GAO(151)	GOVT. AVIATION OPERATIONS (GAO-12) <u>Course Outline:</u> <ul style="list-style-type: none"> • Air Traffic Services/RVSM • Air Law. • Aerodrome Air-route and Ground aids obstructions. • Evaluation/airport analysis. • Aircraft Operating characteristics. • Airworthiness. • Certification/Inspection. • Aeronautical Information • Services, Safely Management System. 	14/09/2018	12 Weeks	N950,000 Feeding and Accommodation	Ten (10)	Government Aviation Operation Personnel with a university Degree/HND in physical/social sciences.	NCAA staff and other organizations

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Accident Investigation/prevention personnel licensing CNS/ATM /Services Provided by State Communication procedures. Element of Management. Facilitation . Meteorology. Air Navigation, Radio Navigation aids. Search and Rescue /Emergency ATS. Practical (VFR). 						
AAIM	ADVANCE AIM-14 <u>Course Outline:</u> <ul style="list-style-type: none"> Aeronautical Information. Management Facility Training. Techniques Management Practice. 	05/10/2018	8 Weeks	N850,000 Feeding and Accommodation	Eight (8)	Officer with Basic AIS certificate or diploma in Basic Aeronautical Information Management and possession of at least	NAMA STAFF with BAIMO DIPLOMA

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Safety Management System. Human Factors in Aviation Safety, Advanced Computer application/Database management 					three year post cognate experience.	
ACO	ADVANCE COMMUNICATION OFFICER'S COURSE Course Outline: <ul style="list-style-type: none"> Aeronautical Mobile Service (AMS) Aeronautical Fixed Telecommunication Network (AFTN) Communication Network Planning (CNP) Introduction to Computer message (ICM) Aerodrome and Grounds Aids (AGA) Reduced Vertical Separation Minimum (RVSM) 	On request	12 Weeks	N950,000 Feeding and Accom. Included	Ten (10)	A good University/ Polytechnic degree/ NHD in any Discipline, BA English 'French is an added advantage. Applicant must also possess a Diploma in Aeronautical Operation.	NAMA STAFF with A.O. DIPLOMA

ATS/COM SCHOOL

2018

COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Air Traffic Services (ATS) • Aeronautical Information Management (AIM) • Air Law (ALR) • Meteorology (MET) • Aircraft Operation Characteristics (AOC) • Communication Navigation Surveillance/Air Traffic Management (CNS/ATM) • Navigation (NAV) • Emergency/Search And Rescue (EM/SAR) • Radio Telephony Practical (RTF) • Communication Center Operation (CCO) • Fundamentals of Supervision (FOS) 						
CCM	COMMUNICATION CENTRE MANAGEMENT Course Outline: <ul style="list-style-type: none"> • Management Leadership. • Policy on ideal training manager. 	On Request	3 Weeks	N257,650	Six (6)	Officers with Advanced Communication Officers Course (AGO),	NAMA STAFF with A.O. DIPLOMA

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Industrial Safety. Supervision and delegation of Responsibilities. Overview of AFTN.'ATN. Overview of AMS. Leadership and Motivation. Staffing and Human Resources 					Aeronautical Communication Supervisors Course and five years working experience on the field.	
ACC055	AREA CONTROL (NON-RADAR) COURSE <u>Course Outline:</u> <ul style="list-style-type: none"> Airspace, General ACC Procedures. Strip Procedures. Separation Standards. Coordination. Radio Navigation Aids Meteorology /Altimetry. Flight Information Service Air Traffic Advisory Services and 	04/05/2018	12 Weeks	N850,000	Eight (8)	The participant must have at least Five years post ATC licence cognate experience	NAMA ATCS & OTHER ORGS

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Position Repotting Separation • Calculations, Traffic Predict km and Planning. • Emergency. • Air Law. • APR Reduced Vertical Separation Minima, CNS/ATM • Flight information Service/Alerting Service. • ACC Practical 						
ATCR-6	AREA/TERMINAL APPROACH RADAR NO.6 Course Outline: <ul style="list-style-type: none"> • Approach Procedures. • Surveillance Radar (Technical) • Surveillance Radar (Operational) • Surveillance Radar Simulator 	18/09/2018	12 Weeks	N800,000	Eight (8)	1. B.Sc in physical Science Mathematics or geography . 2. SSCE with at least Five credit in English Mathematics, Geography, Physics and any other science subjects. Diploma in Aerodrome	NAMA ATCS & OTHER ORGS

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
						and Approach Control. all Traffic Control License with rating in "A" and "B"	
AVSEC Aw2	AVIATION SECURITY AWARENESS NO.2 <u>Course Outline:</u>	On hold	1 Week	N180,000	Eight (8)		
AVSEC (123)	AVIATION SECURITY (AVSEC-11) <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction to AVSEC. • Working at the airport. • Access Control (People). • Recognition of Explosive devices and offensive weapons. 	On hold	8 Weeks	N850,000 Feeding and Accommodation		SSCE or equivalents in five Credits including English and Mathematics. A good background checks would be required. Written and Oral command of English language.	FAAN, NCAT

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Access Control (Vehicles). Emergencies and fire prevention. Patrolling and (guarding). Passengers Screening & Physical Search of passengers. 						
AC055	AREA CONTROL COURSE (NON RADAR) NO.38 <u>Course Outline</u> <ul style="list-style-type: none"> Airspace, General ACC Procedures. Slop Procedures. Separation Standards. Coordination. Radio Navigation Aids Meteorology/Altimetry. Flight Information Service. 	14/09/2018	12 Weeks	N85,000	Eight (8)	The participant must have at least five years post ATC licence cognate experience	NAMA ATCS WITH A & B license

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Air Traffic Advisory Services and Position Reporting. Separation Calculations. Traffic Prediction and Planning. Emergency. 						
ACC(RF)	AREA CONTROL REFRESHER COURSE <u>Course Outline:</u>	On Request	3 Weeks	N257,650	Six (6)		NAMA QUALIFIED AREA CONTROLLER
AVEL	AVIATION ENGLISH LANGUAGE for EAMAK <u>Course Outline:</u> <ul style="list-style-type: none"> General English. Aeronautical Radio Telephony. 	On Request	8 Weeks	N2,800,000 Feeding and Accommodation Or \$8000	Six (6)	Equivalent of SSCE, NECO. and GCE for none English speaking participants, plus not less than 3 years'	NAMA, EAMAC STAFF & OTHER AIRLINES

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Air Traffic Control Events. ATC Events linked with en-route. Air Traffic Control General. English for ATC. Host family programme. 					experience in ATCV/ Piloting. Aeronautical Station Operators and other Aviation Personnel	
COR	COMMUNICATION OFFICERS REFRESHER COURSE Course Outline: <ul style="list-style-type: none"> Aeronautical Mobile Service (AMS) Aeronautical Fixed Telecommunication Network (AFTN) Communication Network Planning (CNP) Communication Navigation Surveillance/Air Traffic Management (CNS/ATM) 	On request	3 weeks	N257,650.00	Ten (10)	Equivalent of SSCE, NECO. and GCE for none English speaking participants, plus not less than 3 years experience in ATCV/ Piloting. Aeronautical Station Operators and other Aviation Personnel	NAMA, EAMAC STAFF & OTHER AIRLINES

ATS/COM SCHOOL

2018
COURSE CALENDAR

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Emergency/Search and Rescue (EM/SAR) Meteorology (MET) Communication Center Operation (CCO) 						
ARTO	ADVANCE RADIOTELEPHONY OPERATIONS COURSE <u>Course Outline:</u> <ul style="list-style-type: none"> Aviation Indoctrination Aeronautical Meteorology (MET) Aircraft Operating Agency (AOA) Aeronautical Mobile Service (AMS) Basic Fundamentals of Supervision Communication Navigation Surveillance/Air Traffic Management (CNS/ATM) Reduced Vertical Separation Minima (RVSM) 	On Request	8 Weeks	₦850,000.00	Six (6)		

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> History of ICAO Practical Training (RTF) 						
ATOB	AIRPORT TELEPHONE OPERATIONS AND BILLING Course Outline: <ul style="list-style-type: none"> ICAO Fundamental of Supervision (FOS) Radiotelephony Practical (RTF) Emergency Search and Rescue (EM/SAR) Billing Telephone Operating Techniques (TOT) Aeronautical Mobile Service (AMS) Aircraft Operating Agency (AOA) 	On Request	8 Weeks	N850,000.00	Six (6)		
	ENGLISH LANGUAGE PROFICIENCY RATING	On request		N200,000.00			

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
CCM	COMMUNICATION CENTER MANAGEMENT COURSE <u>Course Outline:</u> <ul style="list-style-type: none"> • Emergency Search and Rescue (EM/SAR) • Communication Navigation Surveillance/Air Traffic Management (CNS/ATM) • Staffing and Human Resources • Leadership and Motivation • Cornerstone of Management • Industrial Safety • Communication Center and Staff Placement (Internal) • Distribution of Message Traffic • Communication Equipment Handling • Project writing and Presentation (After tour) • Handling Discipline and Grievances • Communication in Management • Overview of AFTN • Overview of AMS • Overview of CNP 	9th October 2018	3 Weeks	N257,650.00	Six (6)		



**NIGERIAN COLLEGE OF
AVIATION TECHNOLOGY, ZARIA**

Training for Excellence

**AVIATION MANAGEMENT SCHOOL
COURSE OUTLINE
AND FEES**

AVIATION MANAGEMENT SCHOOL

The School conducts a wide range of management courses related to Aviation, such as Air Transport Economics, Safety Management Systems, Aviation Passenger Services, Accident Prevention and Investigation, Management and Human Factors Training. It is organised into four training Departments:

- General Aviation Management Department
- Aerospace and Airport Development Studies Department.
- Air Transport Management Department.
- Air Safety Management Department.



Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
BA POM	BASIC AVIATION PLANNING, OPERATIONS AND MANAGEMENT <u>Course Outline:</u> <ul style="list-style-type: none"> Aircraft Engineering Technology Aviation Charges Airport Planning and Operations Statistics and Forecasting Transport Administration and Management Basic Aviation Law Overview of Civil Aviation International Passenger Operations Transport Policy Facilitation Cost Analysis of Airline Operations Air Transport Economics Flight Planning and Dispatch 	1 st Run: 5/3/2018-16/3/2018 2 nd Run : 9/7/2018-20/7/2018 3 rd Run: 10/9/2018-21/9/2018 And also on request	2 Weeks	₦ 72,000 (Exclusive of accommodation and feeding)	Ten (10)	Graduates, entry And Intermediate level aviation industry staff	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Aircraft Route Designation CNS/ATN Aviation Security Ticketing and Fares Air Transport Economic Reforms 						
AAPOM	ADVANCED AVIATION PLANNING, OPERATIONS AND MANAGEMENT <u>Course Outline:</u> <ul style="list-style-type: none"> ICAO SARP & Annexes Aviation Law Fleet Planning and Scheduling Control of Airspace Flight Dispatch AVSEC Crisis Management Human Factors in Aviation Maintenance Management 	1 st Run: 9/4/2018-20/4/2018 2 nd Run: 23/7/2018-3/8/2018 3 rd Run: 5/10/2018-19/10/2018 And also on request	2 Weeks	₦ 96,000 (Exclusive of accommodation and feeding)	Eight (8)	Graduates, and Intermediate and senior level aviation industry staff	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none">• Market Research in Air Transport• Navigational Aids at Aerodromes• Meteorology• Airspace Surveillance• Future System• Role of ICAO In Security Management• Role of IATA in Security Management• Safety Management System						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
EAPOM	EXECUTIVE AVIATION PLANNING, OPERATIONS AND MANAGEMENT <u>Course Outline:</u> <ul style="list-style-type: none"> • Overview of Civil Aviation in Nigeria • Evolution of Aircraft • Airport Layout • Basic Aviation Law • Aircraft Route Designation • Air Transport Economics • International Air Transport Operation I • International Air Transport Operation II • Facilitation • CNS/ATM • Aviation Security 	On Request	1 week	₦ 72,000 (Exclusive of accommodation and feeding)	Eight (8)	Senior and executive level aviation industry staff	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
APS	AVIATION PASSENGER SERVICE <u>Course Outline:</u> <ul style="list-style-type: none"> • Dealing with Customer Complaints • Facilitation • Handling Dangerous Goods • Tickets and Ticket Acceptance • Gate Rules and Procedures • Airline Financing • Aviation Security I • Aviation Security II • Effective Communication: First Impression • Search and Rescue • Airline Economics • Baggage Basics • Handling Difficult Situations • Customer Protection 	1 st Run: 7/5/2018-25/5/2018 2 nd Run: 10/9/2018-28/9/2018	3 Weeks	₦ 150,000 (Exclusive of accommodation and feeding)	Twelve (12)	Entry level and intermediate level aviation industry staff working for either the public or private sector	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Managing Stress Measuring Airline Performance Customer Service IATA Delay Codes AVSEC Disruptive Passenger Who is a Passenger? SAR 						
ATEC	AIR TRANSPORT ECONOMICS Course Outline: <ul style="list-style-type: none"> Air Transport Economics Air Transport Administration Fares and Interline Systems Airport Commercial Management Air Transport Statistics Air Transport Marketing Air Transport Principles International Negotiations Air Transport Planning 	1 st Run: 3/6/2018-6/7/2018 2 nd Run: 8/10/2018-9/11/2018	5 Weeks	₦ 222,000 (Exclusive of accommodation and feeding)	Eight (8)	Graduates, intermediate and senior level aviation industry staff	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
LAAC	LEAGUE OF AIRPORT AND AVIATION CORRESPONDENTS: BASIC/ADVANCED/ MANAGEMENT/REFRESHER <u>Course Outline:</u> <ul style="list-style-type: none"> Statistics Management Responsibility Briefing Functions Transport Policy Transport Administration International Air Transport Cost Analysis Aircraft Route Designation Motivation Aviation Charges Human Factor Metrology Maintenance Management Facilitation Management Functions and Action Centered Leadership 	1 ST Run: 13/8/2017-17/8/2018	1 Week	₦ 72,000 (Exclusive of accommodation and feeding)	Eight (8)	Public Relation Officers and Journalist covering airports and Aviation Facilities	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none">• Ticketing and Fares• Information Security• Accident Investigation• Safety Management System• Communication• RVSM• AFTN/ATN• Cargo Management• Performance Based Navigation• Aviation Security Awareness• Evolution of Aircraft Technology• Flight Planning and Dispatch• Airport Design• Aircraft Maintenance Procedures• Aircraft Fire and Rescue Operation						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • MLS, PAPI, GPS, GLONASS System • Principles of Flight • Historical Development of Civil Aviation in Nigeria • Personnel Licensing • Principles of Flight • Airfield Lighting • Airworthiness and Aircraft Maintenance • Radar System • ICAO SARP • Navigation and Landing Aids • Aerodromes • ATS • Airline Operation • AIS • SAR • Aircraft Operation and Registration Certificate • Air Navigation Regulations • Flight Navigation 						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
MOM	MODERN OFFICE MANAGEMENT <u>Course Outline:</u> <ul style="list-style-type: none"> Modern Office: An Overview Modern Office Management and its Functions Office Organization Delegation and Decentralization of Authority Office System and Routines Office, Accommodation, Layout and Environment Office Supervision, Record Management and Filing Indexing, Modern Office Furniture Modern Office Machines and Equipment Form Design, Management and Control 	1 st Run: 21/5/2018-1/6/2018 2 nd Run: 10/8/2018- 13/9/2018	2 Weeks	₦ 120,000 (Exclusive of accommodation and feeding)	Ten (10)	Executive secretaries, Personal assistants, clerical officers, and personnel Managers.	B.Sc, HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none">• Communication• Office Correspondence• Office Manuals• Office Stationery, Supplies and Control• Work Measurement, Standards & Standardization• Personnel Management• Statistical Data• Production & Office Cost Control• Office Processing & Modern Information Technology• Office Report						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
HRM	HUMAN RESOURCE MANAGEMENT <u>Course Outline:</u> <ul style="list-style-type: none"> • Climate Setting • Leadership • Communication • Crisis Management • Human Factors in Aviation • Strategy of Formulation • Job Analysis and Design • Union Relations • Wages and Salaries • Motivation • Managing Organization Performance • Human Resource Management • Human Resource Management Metrics • Career Planning 	On Request	2 weeks	#120,000 (Exclusive of accommodation and feeding)	Ten (10)	Senior level officers, managers, executive officers, Supervisors.	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none">• Job and Performance Appraisal• Overcoming Organization Barriers to Innovation• Accident, Prevention, Investigation and Management• Training Needs Analysis• Security, Safety and Health• Safety Management System• Accountability and Measurement• Knowledge Management• Personnel Selection Orientation, Placement and Separation• Training• Building Teamwork Alliance and Cooperation						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
MIS	MANAGEMENT INFORMATION SYSTEM <u>Course Outline:</u> <ul style="list-style-type: none"> • Office Communication • Filing System • Records Management • Personnel Management • Information Management • Geographical Information System • Statistical Data • Data Communication Technology • Operation System • Computer Management • Computer Management • Information System • Library and Information Services 	1 st Run: 16/4/2018-10/9/2018 2 nd Run: 10/9/2018-21/9/2018	2 weeks	₦120,000 (Exclusive of accommodation and feeding)	Ten (10)	Executive secretaries, public relations officers, personal assistants, and personnel managers	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ASHM	BASIC AVIATION STORE HOUSE MANAGEMENT(ASHM) <u>Course Outline:</u> <ul style="list-style-type: none"> Fundamentals of Supplies and Stores Management Introduction to Supply Chain Management Purchasing and Procurement Fundamental Purchasing Systems Place of Purchasing in Organization Purchasing and Supply Administration Organization and Purchasing Purchasing Relationships Decision Making in Purchasing Documentation and Records: Stock Record Systems 	1 st Run: 9/4/2018-27/4/2018 2 nd Run: On Request	3 Weeks	₦150,000 (Exclusive of accommodation and feeding)	Ten (10)	Junior and senior store managers and procurement officers	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none">• Purchasing Documents• Receiving Documents• Inventory And Stores Administration Techniques• Stocking and Stock Reconciliation: Storage of Stock• Control of Stock• Stock-Taking And Stock Checking• Stock Valuation Techniques: The Value Of In-Stock and its Position in The Final Accounts• Principle of Material Costing• Value Analysis and Value Engineering Quality Management• Time Management						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Legal and Contractual Obligation • Approved Aviation Stores Management • Public Sector Peculiarities • Public Procurement Best Practices 						
SMS	INTRODUCTION TO SAFETY MANAGEMENT SYSTEMS <u>Course Outline:</u> <ul style="list-style-type: none"> • Basic Safety Concepts • Introduction to Safety Management • Hazards • Risk • SMS Regulations • Introduction to SMS • SMS Planning • SMS Operation • Phased Approach to SMS 	On Request	5 Days	N 90,000 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors Aviation industry staffs	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
HF	HUMAN FACTORS <u>Course Outline:</u> <ul style="list-style-type: none"> • Human Factor Overview • Company Safety Culture • Human Errors and Human Performance • Stress and Fatigue • Information Processing • Communication • Decision Making • Team Work and Leadership 	On Request	5 Days	₦90,000 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors Aviation industry staffs	B.Sc., HND or NCAT Diploma With relevant License and Experience
DG	DANGEROUS GOODS <u>Course Outline:</u> <ul style="list-style-type: none"> • Applicability • Classification • Identification • Packing • Marking and Labeling • Documentation • Handling 	On Request	5 Days	₦192,000 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
AVSEC	AVIATION SECURITY (Basic) <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction • Working at the Airport • Access Control-People • Recognition of Explosive Devices and Offensive Weapons • Access Control-Vehicles • Emergencies and Fire Prevention 	On Request	5 Days	₦100,000 (Exclusive of accommodation and feeding)	Ten (10)	Intermediate and senior level officers, managers, and supervisors	B.Sc., HND or NCAT Diploma With relevant License and Experience
AFAM	AVIATION FACILITY ADMINISTRATION AND MANAGEMENT <u>Course Outline:</u> <ul style="list-style-type: none"> • General Discussions on New Industry Developments • CNS/ATM • Role of ICAO in Aviation 	On Request	5 Days	₦120,000 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Airport Capacity Planning • The Unit Manager • Project Management • Maintenance Management • Airport Vs. Facilitation • System Approach to Management • Equipment Sourcing • Working in Teams • Impact of Air Transportation On National Economy 						
CRM	CREW RESOURCES MANAGEMENT <u>Course Outline:</u> <ul style="list-style-type: none"> • Communication • Behavioral Style • Fatigue • Stress Management • Situation Awareness • Leadership 	On Request	3 Days	₦78,000 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ATOM	AIRPORT TERMINAL OPERATIONS AND MANAGEMENT <u>Course Outline:</u> <ul style="list-style-type: none"> • Overview of Terminal Operation • Passenger Terminal Planning • Airport Security • Terminal Signage System • Standard Operating Procedures • Introduction to Airport Management • Airport Emergency Systems • Safety Management Systems • Flight Information Management System • Passenger Terminal Areas and Functions 	On Request	3 Days	₦250,000 (Exclusive of Accommodation And feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Overview of Terminal Management • Airport Fees and Charges • Business Planning in Aviation And Management GHA and Other Service Providers • Airport Performance Measures • Airport Governance and Ownership Models • Investment Appraisal Techniques • Airport Management Facilitation • Terminal Ground Management • Passenger Terminal Planning • Airport Financial Management 						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ACAH	AIR CARGO ACCEPTANCE AND HANDLING <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction to Air Cargo • Standard Charges Taking Place in the Traditional Air Cargo Industry • Constraint To Air Cargo Growth • Air Cargo Management • Air Cargo Marketing • Air Cargo Handling Procedures 	On Request	1 Week	₦100,000 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors involved in cargo handling	B.Sc., HND or NCAT Diploma With relevant License and Experience
ATF	AIR TRANSPORT FUNDAMENTALS(IATA) <u>Course Outline:</u> <ul style="list-style-type: none"> • Overview of Air Transport Systems • Air Law • Role and Function of CAAs 	On Request	1 Week	₦110,000 (Exclusive of accommodation and feeding)		Entry level, Intermediate and senior level officers, managers, and supervisors	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> • Role and Function of Airlines • Role and Function of Airports • Role and Function of Air Navigation Service Providers 						
ACC	AIRLINE CABIN CREW(IATA) <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction to Airline Industry • Air Transport and Flight Operations • Crew Responsibility and Cooperation • Managing Abnormal Emergency Situations • Medical Emergencies on Board the Aircraft 	On Request	1 Week	\$700 (Exclusive of accommodation and feeding)	Eight (8)	Entry level, Intermediate and senior level officers, managers, and supervisors	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Dangerous Goods Aviation Security Customer Service and Interaction with Passengers Airline Catering and Onboard Retail Services Cabin Crew Professional Development 						
ACS	AIRLINE CUSTOMER SERVICE(IATA) Course Outline: <ul style="list-style-type: none"> A Better Standard of Customer Service New Trends in Customer Service Customer Perception Customer Contact Techniques Social Styles and Tact: Cross Cultural Awareness 	On Request	1 Week	\$700 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors handling passengers	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Dealing With Complaints Managing Stress and Pressure 						
AO	AIRPORT OPERATIONS(IATA) <u>Course Outline:</u> <ul style="list-style-type: none"> Understanding The Airport The Airport as an Operational System Security Support Services Airport Issues and Challenges The Future of Airports 	On Request	1 Week	\$700 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors handling passengers	B.Sc, HND or NCAT Diploma With relevant License and Experience
ARS	AIRPORT RAMP SERVICES (IATA) <u>Course Outline:</u> <ul style="list-style-type: none"> Introduction to Airport Ramp Service How an Airport Works Aircraft Ground Handling 	On Request	1 Week	\$700 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors handling passengers	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Aircraft Loading and Unloading Wide Bodied Catering Other Ground Handling Services Airside Safety Security Future in the Industry 						
ASA	AVIATION SECURITY AWARENESS(IATA) <u>Course Outline:</u> <ul style="list-style-type: none"> Understanding the Airport The Airport as an Operational System Security Support Services Airport Issues and Challenges The Future of Airports 	On Request	1 Week	\$700 (Exclusive of accommodation and feeding)	Eight (8)	Entry level, Intermediate and senior level officers, managers, and supervisors	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
ISMS	INTRODUCTION TO SAFETY MANAGEMENT SYSTEMS (IATA) <u>Course Outline:</u> <ul style="list-style-type: none"> • Introduction to Safety Management System • Safety Policy and Objectives • Safety Risk Management • Safety Assurance • Safety Promotion • Integrating Airline Management System • The Regulatory Authority's Role in SMS Oversight • SMS Implementation Requirements 	On Request	1 Week	\$700 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors handling passengers	B.Sc., HND or NCAT Diploma With relevant License and Experience
PGDAM	POST GRADUATE DIPLOMA IN AVIATION MANAGEMENT <u>Course Outline:</u>	On Request	One (1) Academic Year	₦ 386,135 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors handling passengers	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none">• Air Transport Management And Standardization• Air Transport Economics• Operations Research• Research Methods• Aviation Professional Practice• Global Information Technology Practice• Aviation Security• Human Resource Management• Safety Management Systems And Human Factors• Airport Operations And Management• Field Study/Seminar• Airline Marketing• Air Traffic Management						

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Aviation Accident Management Aviation Maintenance Management Financial Management and Accounting Thesis/Dissertation. 						
AASHM	ADVANCED AVIATION STORE HOUSE MANAGEMENT	On Request	2 Weeks	₦120,000 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors handling passengers	B.Sc., HND or NCAT Diploma With relevant License and Experience
MSA	MANAGING SAFETY AT AIRPORTS (ICAO TRAINAIR PLUS)	On Request	1 Week	\$700 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors handling passengers	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
GCS	DELIVERING GREAT CUSTOMER SERVICE (ICAO TRAINAIR PLUS) <u>Course Outline:</u> <ul style="list-style-type: none"> • Leadership and the Supervisor's Role in the Team Performance • Latest models and theories relating to the Development of Customer Service • Basics of Customer Service for agents • Complaint Handling • Creating a positive team culture • Motivating and Rewarding team member 	On Request	1 Week	\$700 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors handling passengers	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
TD	TRAVEL DOCUMENTS (ICAO TRAINAIR PLUS) Course Outline: <ul style="list-style-type: none"> • Identity Documentation • Documentation Security Futures • Fake/Stolen Documentation- Issues and drivers, Uses and Application • Documentation control: Tools, Equipment and Available Resources • TIMATIC Uses and Features • Passenger Assessment • Future Industry Direction • Risk Assessment • Roles and Responsibilities of Airline Liaison Officers (ALO) 	On Request	1 Week	\$700 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors handling passengers	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none"> Exception Handling and Customer Service Denial of Boarding Future Industry Direction 						
ATF	AIR TRANSPORT FUNDAMENTALS (IATA) Course Outline: <ul style="list-style-type: none"> Overview of the air transport system Aviation law Role and function of world aviation organizations Role and function of civil aviation authorities (CAAs) Role and function of airlines Role and function of airports 	On Request	1 Week	\$700 (Exclusive of accommodation and feeding)	Eight (8)	Intermediate and senior level officers, managers, and supervisors handling passengers	B.Sc., HND or NCAT Diploma With relevant License and Experience

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
	<ul style="list-style-type: none">• Role and function of air navigation service (ANS) providers• Impact of technology on air transportation• The future of air transportation						



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DESIGN UNIT
COURSE OUTLINE
AND FEES**

ISDU

2018

COURSE CALENDAR



Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
AGA/EME	AIRPORT EMERGENCY PROCEDURES COURSE	22-26/01/18 10-14/09/18 05-09/11/18	1 Week	\$1,000 N400,000	Twelve (12)		
E T	EXAMINATION TECHNIQUES	13-17/08/18 24-28/09/18 19-23/11/18	1 Week	\$1,000 N400,000	Sixteen (16)		
ICAO T I C	TRAINING INSTRUCTOR COURSE	Online – 30 hours Classroom–5 days 12-16/03/18 11-15/05/18 03-04/09/18 26-30/11/18		\$1,500 USD N600,000	Sixteen (16)		
SMTP SMP/001E	SAFETY MANAGEMENT TRAINING PROGRAM (PART 1 & 2)	Online 30 hours Classroom-5 days 06-10/08/18		\$1,900 N760,000	Fifteen (15)		
TMC ICAO TMC	TRAINING MANAGERS COURSE.	Classroom 03-07/09/18 22-26/10/18	1 Week	\$1,900 N760,000	Fifteen (15)		

Course Code	Course Title	Commencement Date	Duration	Course Fee (Naira)	Minimum No. of Students	Entry Requirement	Target Audience
TDC 214/01/TDC	TRAINING DEVELOPERS COURSE	12-16/02/18 09-13/06/18	1 Week	\$1,900 N760,000	Sixteen (16)		
STP ATSEP BAS	ATSEP Basic	On Request	Online 45 hours	\$1,900 N760,000	Fifteen (15)	ATSEP	
STP MTC PSF	ATSEP POWER SYSTEMS EQUIPMENT MAINTENANCE	02-13/7/18	2 Weeks	\$2,000 N800,000	Twenty (20)	ATSEP Basic	
STP MTC NAV	ATSEP NAV-AIDS EQUIPMENT MAINTENANCE	09-20/4/18	2 Weeks	\$2,000 N800,000	Twenty (20)	ATSEP Basic	
STP MTC OJT	ATSEP PRE-ON-THE-JOB TRAINING COURSE	13-16/08/18 10-13/09/18	4 Days	\$600 N240,000	Twenty (20)	ATSEP Basic + Qualification Course in Calendar	



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