

## EAA Courses and Services

- ◀ Misr Flying College
- ◀ Air Traffic Control College
- ◀ Civil Aviation Management Training College
- ◀ Aviation Medicine
- ◀ English Language Center



## Misr Flying College (MFC)

### Training Courses:

- Private Pilot License (PPL).
- Instrument Rating (IR).
- Commercial Pilot License (CPL).
- Airline Transport Pilot License (ATPL).
- Certified Flight Instructor (CFI).
- Multi Engine Rating.
- JET Aircraft Rating.
- Multi Crew Pilot License (MPL).
- License Renewal.
- Evaluation.

### Training Capabilities:

- (25) Training Aircraft of different types.
- 4 Cessna Citation Mustang/ (V.L.J).
- Flight Simulators.
- Personal Computer Aviation Training Device.
- Electronic Record Keeping System (TALON).



## Air Traffic Control College (ATCC)

The Inauguration was with the construction of a large Complex Building in The 6th of October Airport providing great expansion capabilities.

The new building is equipped with various up-to-date ATC simulators in the whole region to upgrade and promote ATC training.

### Training Courses:

- ATC Radar & Non Radar courses.
- Aerodrome Control Tower Course.
- AIS Course.
- Air Transport Course.
- Communication and Operation Courses.
- BSc. degree in Air Traffic Control.



## PART I: Air Traffic Control Courses

Code No.	Course Title	Duration in Weeks	Remarks & Pre-Req.
051	Air Traffic Control Assistant / Basic Induction	14	High School
052	ATC License and Aerodrome Control	11	051
053	Approach Control Non-Radar (Procedural)	09	051 -052
054	Approach Radar Control	10	053
054A	Area Radar Control	10	055
055	Area Control Non-Radar (Procedural)	09	051 -052

## PART II: Aeronautical Information Service

Code No.	Course Title	Duration in Weeks	Remarks & Pre-Req.
021	Aeronautical Information Service	15	051
022	AIS / Aeronautical Cartography	10	021
029	AIS Specialist	8	021
029A	AIS Automation	6	021
029B	ARO Officer ( Aerodrome Reporting Office)	4	021
029C	AIP USERS	4	021
029D	AIS AD Unit	4	021
029E	Advanced AIS Briefing Course	3	021

## PART III: Communications Operations Courses

Code No.	Course Title	Duration in Weeks	Remarks & Pre-Req.
171	Aeronautical Mobiles Service Operator	26	High School
172	Aeronautical Fixed Service Operator	24	High School
174A	Advanced Radio Teletype Operations	22	171 or 172
174B	Advanced Radio Telephony Operations	22	171 or 172
176	Aeronautical Comm. Service Supervisor	12	172 or 174A
177	Special messages Checking & Accounting	10	174A or 174B
179	Com/Ops Technical Knowledge	14	171 or 172
179B	VHF VO/Met Broadcast	5	171 or 172

## PART IV: Air Transport Courses

Code No.	Course Title	Duration in Weeks	Remarks & Pre-Req.
061	Air Transport Statistics	06	High School
062	Air Transport Economics	06	
069A	Air Transport Specialist	06	
069B	Passengers services	04	
069C	Air Transport Feasibility Study	03	
069D	International Negotiations Services	03	
069F	Travel Agents	03	
154	Air and Space Law	06	

## PART V: Special Courses

Code No.	Course Title	Duration in Weeks	Remarks & Pre-Req.
056	Air Space Planning	04	051/052
057	Search And Rescue	04	051
058	Air Traffic Control Automation	04	054
059A	Airport Operation Course	06	051
059B	CNS / ATM	02	052
059D	Reduced Vertical Separation Minimum (R.V.S.M)	02	054/055
059E	ATS Management	04	052
059F	ATC Supervisor Course	02	054 OR 054A
059G	Unusual And Emergency Situation	02	051/052
059H	Automatic Dependent Surveillance – B	02	055
059I	Assessors And Verifiers Course	04	051/052
133	Management – Air Traffic Services	04	051/052
155	Basic PANs / OPS Procedure Design	10	051
155A	Advanced PANs OPS Procedure Design	02	155
211	OJT Instructional Techniques	04	High School
214	Human Communication & Tech Report Writing	04	137

## Civil Aviation Management Training College (CAMTC)

- Airport/ Airlines/ Aviation Management & Operation Courses.
- Aviation Security Courses.
- Aircraft Engineering / Maintenance.
- Airport Engineering Courses.
- Aircraft Engineering & Avionics Courses.
- Aviation Radio & Maintenance Courses.

### PART I: Airport / Airline / Aviation Management & Operations

Code No.	Course Title	Duration in Weeks	Fees in USD
1	Airport Management and Ground Handling	3	
2	Apron Management & Follow me	8	
3	Airport Operations	8	
4	Airport Commercial Management	3	
5	Airport Certification & Compliance	3	
6	Airport Self Inspection	3	
7	Airport Emergency Planning	2	
8	Flight Safety Management - SMS Basic	3	
9	Flight Safety Management - SMS Advanced	3	
10	Aviation Audit Techniques	2	
11	Aviation Environmental Affairs Management	3	
12	Aircraft Marshaling Signals Course	2	
13	Civil Aviation Management	2	
14	Flight Dispatcher Course	13	
15	Human Factors in Aviation	2	
16	Air & Space law	4	
17	Total Quality Management in Aviation	2	
18	Aviation standards and consumer protection	3	
19	Aviation Regulations, Carrier Liability	3	
20	Aviation Statistical Analyses	3	
21	Apron Tower Supervisor	3	

## PART II: Aviation Security Courses:

Code No.	Course Title	Duration in Weeks	Fees in USD
1	AVSEC Flight Deck and Cabin Crew	1	
2	AVSEC Flight Deck and Cabin Crew (Recurrent)	1	
3	AVSEC Ground Services and Operations	2	
4	AVSEC Airport Security Personal	2	
5	AVSEC Airline Security Personal	2	
6	Aviation Security Management	2	
7	Aviation Crisis Management	2	
8	Dangerous Goods Regulations (DGR) (class 7: Radioactive Material)	1	
9	Dangerous Goods Regulations (Initial)	1	
10	Dangerous & Hot Cargo Security	1	

## PART III: Aircraft Engineering / Maintenance

Code No.	Course Title	Duration in Weeks	Fees in USD
0731	ACM Complementary Course for Egypt Air Technicians and Equivalent (Airframe/Power Plant)	72	
073A	Basic Aircraft & Power plant Maintenance	124	
073B	Basic Course For Mechanical Engineers (Airframe / Power plant)	19	
073C	Basic Course For Aeronautical Engineers (Airframe / Power Plant)	16	
073F	1Cessna F172 (Airframe & Power Plant)	6+Pract	
073G	Beech Craft Baron 58	6+Pract	
075A	Non Destructive Testing (Level I)	3	
075B1	PT( Dye – Penetrate Test) (Level II)	1	
075B2	MT (Magnetic Particles Test) (Level II)	1	
075B3	UT (Ultrasonic Test) Level II	1	
075B4	ET (Eddy Current Test) Level II		

## PART IV: Airport Engineering Courses

Code No.	Course Title	Duration in Weeks	Fees in USD
104A	Airport lighting for engineers (Basic)	6	
104B	Airport lighting for Tech. (Basic)	10	
104C	Airport lighting for engineers (Advanced)	8	
104D	Airport lighting for Tech. (advanced)	8	
105A	Airport Electro Mechanics for Engineers (Basic)	8	
105B	Airport Electro Mechanics for Tech. (Basic)	10	
105C	Airport Electro Mechanics for Engineer (Advanced)	8	
105D	Airport Electro Mechanics for Tech. (Advanced)	8	
105E	Central Air Conditioning for Technicians	4	
109A	Conveyor Belts and Scales, Operation and Maintenance for Technicians	4	
109B	Pneumatic Control by PLC for Engineers	4	
109C	Electric Motors and Drive Machines for Engineers	4	
109D	Electric Motors and Drive Machines for Technicians	4	
109E	Drive Machine	3	
109F	Controls of Proportional Hydraulics by PLC ( Technicians )	3	
109G	Controls of Pneumatic by PLC	2	
101A	Airport Design, Planning, Design and construction for Engineers (Basic)	4	
101B	Airport Design, Planning, design and construction for Engineers (Advanced)	4	
101C	Airport Maintenance & Engineering	4	



## **PART V: Aircraft Engineering & Avionics Courses**

Code No.	Course Title	Duration in Weeks	Fees in USD
076E	ACM Complementary Course for Technicians and Equivalent (Electrics / Avionics)	72	
076A	Basic Maintenance Avionics Course	124	
076B	Basic Avionics Course for Engineers	13	
076C	Cessna (F-172) Maintenance Avionics	6+Pract	

## **PART VI: Aviation Radio & Maintenance Courses**

Code No.	Course Title	Duration in Weeks	Fees in USD
161A	Basic Aeronautical Radio Maintenance.	10	
161B	Advanced Aeronautical Radio.	6	
161C	Printed Circuits Technology.	2	
169D	Fiber Optics and Laser Communications.	2	
162A	Fundamentals of Microwave & Radio.	4	
167	Microwave link System Maintenance.	4	
163B	Digital Communications.	3	
163A	Satellite Communications.	2	
169C	Radar Principle.	3	
163	VHF / UHF Communication System.	3	
164B	ILS (Philips 7404).	3	
169H	VOR "Thomson"	3	

## Aviation Medicine

### Aviation Medicine Examiner Course (ICAO Standardized Training Package STP)

Aviation Medicine is a medical specialty which combines aspects of preventive, occupational, environmental and clinical medicine with the physiology and psychology of man in flight. It is concerned with the health and safety of those who fly, both crew and passengers, as well as with the selection and performance of those who hold aviation licenses.

#### **Who Should Attend**

Registered physicians aspiring to be appointed as medical examiners, medical assessors or airline doctors.

#### **Course Main Topics:**

##### **A. Physiology**

- The effects of pressure change.
- Altitude physiology.
- Oxygen equipment.
- Vestibular forms of spatial disorientation.
- Visual and central forms of disorientation.
- Acceleration and impact.



## **B. Clinical Aviation Medicine**

- Aviation ophthalmology.
- Aviation cardiology.
- Aviation otolaryngology.
- Aviation psychiatry and neurology.
- Respiratory medicine and aviation.
- Metabolic disorders and endocrinology.
- Hematology.
- Urology.

## **C. Regulatory Medicine**

- ICAO, personnel licensing and medical provisions.
- Complying with medical fitness requirements.
- Public health and aviation: a multi-sector challenge.

### **- Courses Duration:**

- Basic Course: 1 week (5 working days).
- Advanced Course: 2 weeks (10 working days).
- Professional Diploma program: up to 2 months.

- **Fees are dependent on the number of participants.**



## **English Language Center**

It is dedicated to develop and deliver English Language training, Aviation English, Testing solutions, and assessment.

### **- Training Courses and tests:**

- **Level tests:**

Taken by candidates as a pre-requisite for studying at the academy.

- **English language training courses:**

Designed to meet the students' needs to assess and improve all communication skills: speaking, listening, reading, and writing so as to prepare them to proceed with their studying at the academy.

- **Aviation English courses:**

Developed for ICAO compliance to prepare students for aviation training career.

- Student pilots.
- Air traffic control officer.
- Aeronautical Information Service.
- Flight Dispatcher.
- Airport Operations.
- Airport Management.
- Airport Management and follow me.
- Aircraft Maintenance.
- Avionics.

