

US\$ 400
only
Incl. lunches & breaks

15-18 July '19
Kigali, Rwanda

INTRODUCTORY COURSE ON AIRPORT ENGINEERING



1 WHY IS IT IMPORTANT?

The number of new airport projects and airport expansion projects in Africa is growing rapidly. Airport engineers research, design and oversee the construction, renovation and maintenance of airports. Airport engineers generally hold a degree in civil, mechanical or structural engineering. This course aims to ease the preparation to transition from general engineering into a fascinating career in airport engineering.

It aims to better equip engineers, airport planners, designers and managers who are responsible for establishing and maintaining safe, efficient and reliable aircraft operations at African airports now and in the future.

3 WHO SHOULD ATTEND?

The course is designed for those who have or should have a role in the effective planning and construction of new airports and airport expansion projects, including: managers, engineers, inspectors, surveyors and specialists of

- Aerodrome Operators
- Aerodrome Safety & Standards
- Airside Operations
- Engineering
- Surveying

From (but not limited to):

- Civil Aviation Authorities
- Airport Operators
- Engineering Contractors
- City & district planning authorities

2 WHAT YOU WILL LEARN

This course provides you with an understanding of the key principles and practices relating to airport engineering. You will be introduced to the appropriate and relevant regulatory requirements and to commonly adopted international design standards and ICAO regulations.

The programme will enable participants to:

- Acquire technical knowledge on airport-related engineering practices in accordance with international standards
- Examine major criteria and considerations involved in airport engineering & engineering supervision
- Learn about factors to consider in the design and construction of airports and its facilities
- Gain valuable insights into current engineering practices

Course topics include:

- Airside designs: runways, taxiways and aprons
- Visual aids and airfield lighting
- Airside pavement engineering
- Navigational aids
- Engineering for safety

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