

Course Name :

- *Runway, Taxiway, Apron planning and design principales.*

Description :

- Explore the principles of component of airside area .
- Explore the principles of airside area planning.
- Explore the principles of airside area design.
- Airside facilities.

About:

This capstone project is designed to allow you to take the knowledge you have gained through the specialization and put that knowledge into practice. In the capstone, you will create several of the key planning deliverables that have been discussed in these courses and either work on a project you choose or use a suggested case study.

Course Format :

- video (lectures)
- reading (lessons)
- video (case study)
- reading (exercises)
- quiz

What you will learn :

Upon completing this course, you will be able to:

- Description of physical characteristics to be provide for at aerodromes
- Enable to participant to interpret and the annex 14 specification .
- Become knowledgeable about configurations dimensioning and design these elements

Who should attend :

Recommended for

- Engineers (architects and civil)
- Airport Designers and planners
- Airport safety managers
- Airport operations managers
- Aviation authorities inspectors.

Duration:

- 6 Weeks. / 120 Hours

Course content:

- * Week 1 : get started.
- * Week 2 : Design methodologies.

- * week 3 : General planning principals and fundamentals
- * Week 4 : Runway planning and design pricipals.
- * Week 5 : Taxiway and apron planning and design pricipals.
- * Week 6 : final project peer review evaluation.

Language instruction:

- English / Arabic

Activities:

- Exercise
- Final examination .