



ICAO

GLOBAL AVIATION TRAINING
TRAINAIR PLUS™



Aviation Management

Digital Transformation in Aviation



Key Competency Online

www.icao.int/training

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The COVID-19 crisis has shown the increased effectiveness and the importance of digital options over more traditional, paper-based solutions. This engaging, interactive online course, based on a webinar in the ICAO Covid-19 series, will discuss key technological innovations to consider when launching a digital transformation initiative within an organization. It will also touch upon the use of technologies such as digital identity, artificial intelligence and blockchain in key areas of aviation including certification, signing, identification and security.

▶ LEARNING OBJECTIVES

After completion of this online course, participants will be able to:

- Identify potential applications of Web 4.0 in aviation
- Describe the certification process in Aviation and opportunities for making it digital
- Evaluate traditional and digital forms of signing
- Describe the process of digital identity verification and certification using technology
- Evaluate traditional and digital forms of signing, the basic concepts of Artificial Intelligence (AI) and how AI-enabled technology can be employed in verification, monitoring and reporting
- Outline the current uses and potential uses of blockchain in aviation

▶ COURSE OUTLINE

The course has the following modules:

- Course Introduction
- Unit 1- Web 4.0 in Aviation
- Unit 2- Aviation and Certification
- Unit 3- Digital Signing
- Unit 4- Digital Identification
- Unit 5- AI for Verification, Monitoring and Reporting
- Unit 6- Blockchain in Aviation
- Course Summary
- Final Exam

▶ EVALUATION AND CERTIFICATION

- a) Final Exam: 15 multiple questions / 80% Grade mark
- b) Upon successful completion of the exam, you will receive ICAO's e-Certificate.

▶ TARGET POPULATION

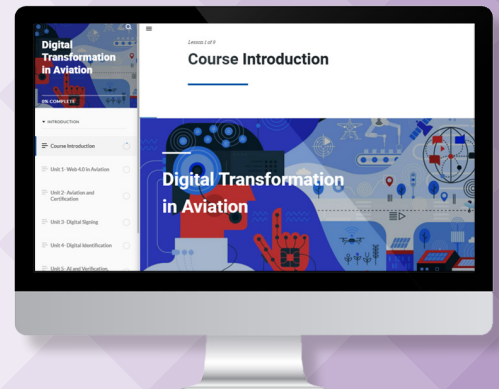
Civil Aviation Authorities, Service Providers, and other aviation industry professionals who are interested in digital transformation in aviation

▶ STRUCTURE OF THE COURSE

Duration: 2 hours

Delivery Mode: Online

Language of instruction: English



Visit our website for more information at www.icao.int/training or email us at AviationTraining@icao.int

You can also contact us on Facebook at www.facebook.com/globalaviationtraining