



## Course aim

This course is designed for current and future AIS/AIM Officers. After completion of this course, participants can study and apply the AIXM 5.1 UML Model, including:

- Describing the basics of XML.
- Differentiating and explaining the basics of GML.
- Analysing AIXM 5.1 requirements and approach.
- Recognising and working with the AIXM 5.1 XML Model/Schema.
- Explaining the Digital NOTAM Concept.

## Course structure

This course is five days in duration and is delivered as classroom training.

## Content in brief

This course covers the following topics:

- Computer models intended for aeronautical data storage and exchange
  - Aeronautical Information Models
- Introduction to AIXM 5.1
  - AIXM 5.1 Model Objectives
- UML Basic concepts
- AIXM 5.1 UML Model
  - Class Diagrams vs. Entity Relation Diagrams
  - AIXM UML Modelling Conventions
  - Other Aspects of the Model
- Geography Markup Language (GML)
- AIXM 5.1 Requirements and Approach
  - AIXM 5.1 and GML
- Digital NOTAM and SNOWTAM