Course aim
The ATM Safety Case course is designed for all stakeholders involved in the process of implementing a new ATM system and/or demonstrating that the implementation of a new system or procedure is safe within the ATM system. The aim of the course is to provide participants with a knowledge and understanding of the safety case framework by exploring the risk management and hazard identification processes, the safety evidence and risk acceptance criteria and ultimately the construction of safety case arguments.

Course objectives
After completing the course, the participants have:
- Knowledge of the concept of safety cases
- An understanding of the safety case framework
- An understanding of the risk management and hazard identification process
- An understanding of the safety case arguments
- Knowledge of the concept of safety evidence and risk acceptance criteria

Course overview
The course is designed as a five-day intensive course comprising lectures, hands-on exercises and group discussions. A tailor-made course can be offered to meet individual clients’ needs in terms of both the course duration and the course content.

Prerequisites
There are no prerequisites for taking this course, but the participants are expected to have a professional interest in the concept of safety cases and the process of identifying hazards and analysing risks.
Content in brief

- Background to Safety Case
- Safety Case essentials
- Exploring safety
- Systems theory
- The notion of risk
- Risk identification
- Risk assessment
- Risk acceptance criteria
- Risk matrix
- Risk management process
- Barriers – application and evaluation
- Hazard identification
- Safety Management system
- Safety assessment
- Safety evidence
- Safety argument
- Goal Structuring Notation (GSN)
- Producing a Safety Case
- Evaluation of the way forward

Reference

Entry Point North has successfully delivered the first ATM Safety Case course to Dubai Air Navigation Services (DANS) with excellent feedback.