



Course Level

Aviation Expert

AIS/MAP Charting

Duration	2 weeks (10 working days)	
Tuition Fee	CHF 4800 per participant	
Instructors	Aleksandar Pavlovic	
Certificate	ANI Certificate	

Questions at a glance	Answer
ICAO recognised?	No, there is no such thing as an ICAO recognition for training. ANI is a State-approved training provider and complies with all ICAO training regulations.
Pre-requisites?	Yes. Please see below for details.
Does ANI provide accommodation?	No. Please check the hotel list provided in the location documentation.
Daily schedule?	9.00 - 16.00 or as communicated by the instructor
Weekly schedule	Monday morning to Friday afternoon
Venue?	Please check the information in the course calendar.
Mobile Phones?	Absolutely and strictly forbidden in the class!

1. ANI Aviation Expert Courses

The ANI Aviation Expert training courses cover topics that are related to the jobs „Flight Procedure Designer“ and „Flight Validation Pilot“. These are courses that will add to the skill set of any interested expert in aviation, no matter what field of expertise the expert is coming from.

2. Course Module descriptions

2.1 Module 1 - AIS (one working day)

Participants will acquire basic knowledge concerning aeronautical information and data according to ICAO Annex 15 provisions with emphasis on aeronautical data management. The lecturing will improve participants understanding of the purpose and scope of aeronautical information as well as processes associated with Aeronautical Information Services (AIS) and the importance of timely provision of quality aeronautical information. Supporting role the AIS will play in the ICAO Global ATM Operational Concept and in the future Collaborative Decision Making (CDM) and Flight Planning environment is also covered.

2.2 Module 2 – MAP (nine working days)

This module covers all the aeronautical charting requirements as prescribed by Annex 4 with particular emphasis on charts published in Aeronautical Information Publications (AIP). Lecturing additionally addresses relation and necessary coordination between the procedure designer specialist and the cartographer in the processes related to the provision of required information on aeronautical charts. The module is based on Annex 4 specifications and associated ICAO guidance material, Aeronautical Charts Manual (Doc 8697) as well as on the charting/publication related procedures contained in the Procedures for Air Navigation Services - Aircraft Operations (PANS-OPS, Doc 8168, Volume II).

Lecturing in this module covers the general charting specifications (e.g. chart naming and symbols, projections, charting data, terrain, common reference systems, etc.) and details the content and production of 16 different series of aeronautical charts, including electronic charts. In addition to the lecturing of the charts prescribed common “outlook”, need for the provision of terrain on instrument charts and where required, minima tables is also provided. Majority of Annex 4 specifications cover the “conventional”, analog charting requirements, lecturing addresses as well electronic charting with emphasis on the electronic symbols and data and on the electronic charts display. Two planning charts series (non-AIP charts) are covered as well, however, in much less details.