



Course aim

The ATSEP Basic course is designed for technical personnel operating and maintaining Air Traffic Management (ATM) equipment. It provides basic knowledge of ATM's operational and technical aspects and prepares for the ATSEP Shared and Qualification courses, which are the next steps in becoming an ATSEP.

After completion of the basic ATSEP Basic training, the learners have:

- Knowledge and understanding of the subjects described below in accordance with the EASA ANNEX XIII – Part-PERS requirements for service providers concerning personnel training and competence assessment Subpart A – Air Traffic Safety Electronic Personnel.
- Understanding of the operational and technical side of ATM.
- Knowledge and understanding of the importance of teamwork.

How you will learn

The course is offered in three ways depending on the flexibility needed for our learners. The standard access is 90 days, and we estimate that 10 commitment days are needed to complete the course.

EPN on demand

EPN on demand provides learners with complete flexibility and control over their learning experience. It's a self-paced course, allowing the learners to access digital materials such as reading resources, videos, quizzes and interactive content whenever it suits their schedule. The learner automatically receives a certification upon completion.

EPN live guidance

In EPN live guidance, we combine the flexibility of on-demand learning with the added benefits of real-time instructor split up into 4 scheduled half days. Here, we deep-dive into topics, discuss real-world examples and share knowledge. We also offer 1:1 sessions that the learners can book with the instructor on their own initiative. The learner automatically receives a certification upon completion.

During the scheduled period of live sessions, learners can engage and communicate with their peers and the instructor.

EPN onsite

Onsite training is offered upon request. The course can be delivered at customer site or any EPN site.

What you will learn

The standard ATSEP Basic course includes the following topics:

Introduction

The ATM work environment.

Air Traffic Familiarisation (ATF)

The role of ATC in the ATM environment.

Aeronautical Information Services (AIS)

The organisation of AIS.

Meteorology (MET)

The impact of meteorology on aircraft and ATS operations, the importance of meteorological information in ATM.

Communications (COM)

The principles used in voice and data communication.

Navigation (NAV)

The principles of navigation and navigational aids and their use in ATM.

Surveillance (SUR)

The basic principles used in primary radar, secondary radar, and other surveillance systems, as well as their use in ATM operations.

Data Processing (DAT)

The principles used in data processing and their use in ATM operations.

System Monitoring and Control (SMC)

The SMC function and description of its basic principles.

Maintenance Procedures (MTN)

General maintenance strategy and procedures.

Facilities (FAC)

Facilities and required level of performance. The physical classroom course can include study visits to air traffic control facilities and other aviation-related environments.

Prerequisites

There are no prerequisites for taking part in this course.

Compliance with regulations

The course is compliant with Commission Regulation (EU) 2017/373 Annex XIII, subpart A.