

Air Traffic Safety Electronics Personnel (ATSEP) Basic

This course, designed in collaboration with Temasek Polytechnic, leverages the Civil Aviation Authority of Singapore and Temasek Polytechnic's expertise in Communication, Navigation, Surveillance (CNS)/ ATM and regulatory requirements, to provide you with the knowledge and skills to operate effectively in an Air Traffic Management (ATM) environment. This course is developed in accordance to ICAO Document 10057 and will be taught by a team of subject matter experts. This course is delivered as an eLearning in UTC – 5 time zone.

WHAT YOU WILL LEARN

Upon completion of this course, you will be able to:

- Appreciate the ATM environment and key principles of CNS systems
- Understand how integrated CNS/ATM systems, data processing, and equipment are used to facilitate safe air traffic control services
- Be equipped with the fundamental knowledge to maintain and manage the complexities of the CNS/ATM systems

WHAT IS COVERED

- ATSEP Induction
- Air traffic familiarisation
- Aeronautical Information Services (AIS)
- Meteorological services
- Communication: Voice and data
- Navigation
- Surveillance
- Data processing and automation
- Infrastructure
- Maintenance procedures
- Human Factors
- Safety Management Systems (SMS)

LEARNING ACTIVITIES

- Lectures
- Case studies
- Online assessment

LEARNING LEVEL

Fundamental 

ASSESSMENT AND/OR CERTIFICATION

A certification jointly issued by SAA and Temasek Polytechnic will be awarded to those who passed the assessment.

DURATION

7.5 days

28 September – 7 October 2021

08:30hrs – 12:30hrs UTC -5 (live virtual classroom)
13:30hrs – 16:30hrs UTC -5 (self-directed eLearning)

MODE OF DELIVERY

- Live virtual classroom via Zoom
- Self-directed eLearning

Details on how to access the online course and access link will be provided to applicants upon registration

WHO SHOULD ATTEND

This course is beneficial to engineering personnel from civil aviation administrations, service providers and maintenance organisations whose roles are to oversee and maintain CNS/ATM systems.

LANGUAGE OF DELIVERY

English

FEE

S\$2,700 / U\$2,100 per participant

REGISTRATION

<https://go.gov.sg/saa-atsep-basic>

FELLOWSHIP APPLICATION

Government officials from eligible States may apply for fellowships offered under DCTP, PYAP, or LACAC. For interested applicants, please apply online at <https://saa.caas.gov.sg/fellowships>

	Live virtual classroom (Zoom)		Self-directed eLearning	
Time (UTC-5)	08:30hrs – 10:00hrs	10:30hrs – 12:30hrs	13:30hrs – 15:00hrs	15:00hrs – 16:30hrs
Day 1 Tues, 28 Sep	Course Opening and Course Administration ATSEP Induction	Comms (Voice)	Air Traffic Familiarisation	
Day 2 Wed, 29 Sep	Comms (Data)	Comms (Data)	Aeronautical Information Services	Infrastructure & Maintenance Procedures
Day 3 Thurs, 30 Oct	Navigation		MET	HF (Human Factors) elearning
Day 4 Fri, 1 Oct	Surveillance		HF elearning	
Day 5 Mon, 4 Oct	Data Processing / Automation			
Day 6 Tues, 5 Oct	HF			
Day 7 Wed, 6 Oct	HF		SMS (Safety Management System)	
Day 8 Thurs, 7 Oct	SMS Case Study	Assessment		