

## Introduction to Aviation (IA)

Training Area:  
General Knowledge

### Purpose of the Course:

Provide knowledge in wide aviation subject areas which will initiate perspective view, understand and able to adapt with current working position, benefit in effective communication through cooperating unit in aviation industry and allow themselves to continuously develop abreast with developing of global aviation.

### Learning Objectives:

After successfully completing the course, the trainees will be able apply their work with the following learned topic;

1. **Introduction to Aviation Industry**
  - History and development of aviation industry
  - International Civil Aviation Organization: ICAO
  - Related law and regulation (Annexes to The Chicago Convention, Standards and Recommended Practices (SARPs), ICAO Document etc.)
  - Organizations related to international civil aviation
  - Air services providers
2. **Basic Knowledge of Aerodrome**
  - Airport / Aerodrome Terminology
  - Airport structure
3. **General knowledge of Aircraft**
  - Aircraft classification
  - Airplane components
  - How an airplane fly
4. **Air Transport System**
  - Role and function of airline
  - Role and function of airport
5. **Communication, Air Navigation and Surveillance System**
  - CNS / ATM
  - Air navigation
  - Communication system
  - Surveillance system
6. **Air Traffic Management**
  - Air traffic service
7. **Aircraft Maintenance**
  - Radiotelephony
  - Rules of the air
8. **Aviation Personnel and Human Factor**
  - Aviation Personnel
  - Human factor / Human Limitation
  - Threat and Error Management
9. **Aviation Safety**
  - Concept of aviation safety
  - Basic knowledge of Safety Management System (SMS)
10. **Aviation Security**
  - Role of ICAO in aviation security
  - Security threat
  - Aviation security framework
  - Security Measures

### Target Population:

- Aviation Industry Employees.
  - New entry employees
  - Non-Aviation or Support staffs
- Candidates who are looking for Aviation Job.
- High school Students who is interested in branches of the Academic Aviation Program.

Duration:

30 Hours

Delivery Mode:

Classroom

Level:

Basic

Language of Instruction:

Bilingual (English and Thai)

Venue / Location:

CATC, Bangkok

Tuition Fees:

THB 7,500

Maximum Seats:

25 seats

Training schedule and more information, please visit: [itrain.catc.or.th](http://itrain.catc.or.th)  
or email: [iTrain@catc.or.th](mailto:iTrain@catc.or.th)

Aviation Human Resource Development Center (AHRDC) Website: [ahrdc.catc.or.th](http://ahrdc.catc.or.th)

