

STDI

Synthetic Training Device Instructor



Course aim

The course addresses qualified air traffic control (ATCO) officers and aeronautical flight information service (AFIS) officers or others interacting with students in a simulator environment, who wish to become competent and licensed synthetic training device instructors (STDIs). The course provides the participants with a basic knowledge of teaching and practical methods, principles and tools to manage the interaction with the trainees during their initial training.

Course objectives

After completing the course, the participants have:

- Knowledge of fundamental adult learning theory and best practice based on a modern appreciative approach to students
- Knowledge on how to establish a healthy learning environment
- An understanding of modern coaching techniques, teaching methods, principles and tools in all the traditional areas of initial training: briefing, training and debriefing
- Knowledge of different STDI styles, their advantages, disadvantages and limitations
- The ability to choose the best STDI style in a specific training situation
- An understanding of the assessment role in the job as an STDI, tools and methods in an objective assessment
- An understanding of the personal communication and interaction with students
- Awareness of their own capabilities, strengths and weaknesses
- Awareness of the major impact an instructor has on a student's training progress
- Knowledge of report writing

Course overview

The course duration is five days - each day contains a half day of theory lectures and discussions followed by simulator practice. An assessment and evaluation of each participant including personal feed forward are essential parts of the course.

Prerequisites

Qualification as an air traffic controller or other ATM personnel with at least two years of operational experience.

Course code: STDI

Duration: 5 days

STDI

Synthetic Training Device Instructor



ATS Academy

Content in brief

Introduction

The structure, content and principles of a successful Synthetic Training Device Instructor (STDI) training program.

Training philosophy

The impact of modern training philosophy on a structure and delivery of training.

Human factors

Human factors concerning teaching and learning, team work, communication and stress, the impact on training.

Training techniques

Training techniques during co-operation agreements, briefing, training and debriefing.

Assessment methods and report writing

The importance of an assessment during training. Training reports writing.