



Accident and Incident Investigation

Overview

The ACI Accident and Incident Investigation course will explore the fundamentals of accident and incident prevention and investigation. It guides learners on how to employ defenses to prevent accidents and incidents from occurring and how to approach and conduct the accident and investigation process at their airport.

Objectives

On completion of this course participants will be able to:

- Recognize the major causes and serious consequences of accidents and incidents
- Understand defenses that can be employed at the airport to prevent accidents and incidents from occurring
- Appreciate how effective accident and incident investigation contributes to safety
- Understand how to undertake a professional investigation at the airport, including how to:
 - Gather and retain evidence
 - Apply effective interview techniques
 - Interpret the facts
 - Determine underlying causes and contributing factors
- Describe the role and responsibilities of an investigator
- Recognize the personal qualities and knowledge, skills and abilities (KSAs) required by investigators and the importance of training to ensure competence
- Understand the importance of providing a detailed, fact-based report and the required contents
- Understand how to monitor investigation outcomes

Who should enrol?

- - Investigators/Investigation Officers
 - Airport managers, supervisors or personnel with safety, operations or emergency management responsibilities
 - Anyone interested in a career in airport safety, operations and/or emergency management

Course Content

The Accident and Incident Investigation course contains the following sections:

1. Welcome
2. Overview



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3. Accidents and Incidents
4. Accident and Incident Investigation
5. The Accident Investigator
6. Post Investigation Reporting and Action

This training course includes an integrated online assessment. Candidates must successfully complete the assessment to receive a Certificate of Completion.