



## Overview

**Aviation is one of the safest modes of transportation in the world. This has occurred not by chance, but by monitoring operations and identifying hazards then implementing effective controls to manage those hazards. Fatigue is now acknowledged as a hazard that predictably degrades various types of human performance and can contribute to aviation accidents or incidents. Fatigue is inevitable in a 24/7 industry because the human brain and body function optimally with unrestricted sleep at night.**

This presents a significant challenge to the aviation industry with the demands of a 24/7 operating environment. Fatigue simply cannot be eliminated within the modern aviation world, and therefore must be managed in a systematic way.

This online course will give you a high level understanding of fatigue management in the aviation sector and the processes recommended to manage fatigue.

### Why Choose Southpac?

Southpac has the reputation for conducting the most practical and up to date aviation auditor training and ISO 9001 courses in the industry.

Southpac have been involved with Quality and Safety Management Systems and their application within the aerospace industry for over twenty years.

We have the experience, resources and capability to address the many unique and diverse elements of management systems and auditing in the aviation industry.

*Southpac enjoys an enviable reputation with industry professionals from all over the world.*

### Who Should Participate?

- Safety managers
- Shift workers
- Shift supervisors
- Compliance managers
- Aircrew
- Shift work Engineering personnel

Anyone who is in Safety, Compliance, Shiftwork and anyone who is in a supervisory or management role for these areas.

### Course Benefits

The identification of fatigue and associated risks using a comprehensive approach to identify hazards and managing risks should extend beyond regulatory compliance and enhance your ASMS.

The main objectives of this course are to gain an understanding of;

- Key terms, definitions and concepts in relation to fatigue risk management systems
- The International and Australian guidelines for managing fatigue in aviation
- Identify fatigue hazards and assess risk
- Identify fatigue risk controls
- Control fatigue risk
- Monitor and review effectiveness of fatigue risk control

## Why Take this Course?

This course involves the skills and knowledge required to implement aviation fatigue risk management processes in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes identifying, controlling, monitoring and reviewing the effectiveness of fatigue risk management processes as part of a safety management system (SMS). Work involves managing the effects of fatigue on operational objectives using an SMS within a variety of operational contexts within the Australian aviation industry.

This unit addresses aviation non-technical skill requirements (mental, social and personal-management abilities) related to safety management duties that complement the technical skills of aviation personnel and contributes to safe and effective performance in complex aviation operational environments.

## Delivery Method

- Online Instruction
- Videos
- Case Studies
- Application of Knowledge

## Learning Outcomes

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- The International and Australian guidelines for managing fatigue in aviation
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- Controlling fatigue risk
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## Recognition of Training

**Part of Diploma of Aviation Management. Find out about our diplomas, [here](#).**

**AVIF0027** Implement aviation fatigue risk management processes

## Course Program

Module 1. Course content

Module 2. Introduction to fatigue management

Module 3. Scientific principles for fatigue management

Module 4. ICAO FRMS Framework

Module 5. Investigating fatigue safety events

Module 6. Guidelines for developing crew schedules

Module 7. Summary

## Pre-Requisites

### 1. Formal Pre-Requisites

There are no formal prerequisites for this course. [Read More](#)

### 2. Digital Pre-Requisites

All students will require access to a computer (with Adobe Reader and Microsoft Word installed) and a reliable Internet connection. [Read More](#)

### 3. LLN Pre-Requisites

All students must possess language, literacy and numeracy (LLN) abilities. [Read More](#)

## Certified Provider

By taking a course with us, we can rest assure you're getting the highest quality content from a certified provider.



LINK TO COURSE URL

// **Tell me and I'll forget; show me and I may remember; involve me and I'll understand.** //

This expression has proven to be more than an old proverb. Southpac prides itself on the quality of its training and involvement and practical demonstration of competency is at the centre of our training ethos.

## Contact Us

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