



## Advanced SMS: A Course for Safety Leaders

### COURSE DESCRIPTION

Designed for everyone who seeks a deeper understanding of safety management, *Advanced SMS* guides the learner through the safety journey from a leader's perspective.

This course is ideal for supervisors, managers, and high achievers. It is also recommended for frontline personnel in departments with advanced auditing certifications, such as IS-BAO Stage II & III, Wyvern Wingman, and ARGUS Platinum.

Core SMS concepts are included in this course. *SMS Fundamentals* is recommended but is not a prerequisite.

### LEARNING OBJECTIVES

- **Why** managing safety is essential not only for reducing risk but also for improving organizational culture.
- **What** considerations, tools, and strategies must be used to prevent negative safety outcomes.
- **How** to use the VOCUS SMS platform to improve the effectiveness and efficiency of your safety program.

### DURATION

Approximately 2 hours.

### REQUIREMENTS

- Mobile device or personal computer with internet access.
- Access to the VOCUS platform.
- Assigned a training license in VOCUS.

### COMPLETION STANDARDS

At the end of the course, the learner will be directed to take a short 10-question quiz. To receive a completion certificate, the learner must receive a quiz grade of at least 80%, correctable to 100%.

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### COURSE CONTENT

- Introduction
  - Safety 101
  - Structure of a Safety Management System (SMS)
  - SMS around the globe
  - Safety leadership
  - Roles and Responsibilities
- Setting the Stage
  - Creating safety policy
  - Communicating safety policy
  - Safety Promotion: Training for safety
  - Safety Promotion: Communication
  - Safety Culture and trust
- Gathering Safety Data
  - Proactive and reactive sources
  - Safety Reporting
  - *Why* report, *when* to report, and *how* to report
  - Non-punitive reporting programs around the world
  - Flight Data Monitoring (FDM)
  - Creating “Issues” in VOCUS
  - Emergency Response Plan (ERP)
- Hazards
  - Hazard identification
  - Sources of hazards
  - Hazard mitigation
  - Consequences of unmitigated hazards
  - FlightRisk and proactive hazard identification
- Human Factors and Causal Factors
  - Resilience
  - Mitigating errors and violations
  - Looking beyond human error (root cause analysis)
  - Causal factors
  - Fatigue Risk Management

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### COURSE CONTENT

- Safety Risk Management (SRM)
  - Understanding and measuring risk
  - Using a risk matrix
  - Understanding "ALARP"
  - Risk acceptance criteria
  - Risk elimination and mitigation
  - Guiding principles for effective risk controls
  - Safety Assurance
  
- Continuous Monitoring and Improvement
  - Safety Assurance
  - Creating safety objectives, safety performance indicators (SPI's), and safety performance targets (STP's).
  - Audits and audit checklists
  - Understanding change management
  - Keeping a hazard register
  - Continuously improving
  
- Safety Promotion
  - Communicating back
  - Communication strategies
  - FlightRisk Community
  - Above and beyond the call of duty