MITRE

Safety Management Systems (SMS)
Overview Course

Monday

Welcome and Introductions – Module 1

Introduction to SMS – Module 2
Evolution of Safety Oversight
The Organizational Accident

Introduction to SMS – Module 2
The Four Pillars of SMS
Exercise #2b – The Need for a Positive Safety Culture

The SMS Table – Module 3

Tuesday

Human Error and SMS – Module 5
The MITRE Error Control Model

Positive Safety Culture – Module 6
Aspects of a Safety Culture

Positive Safety Culture – Module 6
Impacts of a Safety Cultures

SMS Requirements – Module 7
CAA/Service Provider Interface
Acceptable Level of Safety

SMS Requirements – Module 7
Exercise #7a – Acceptable Level of Safety
Introduction to a FAA SMS Standard (AC 120-92B)

SMS Policy – Module 8
SMS Policy

Wednesday

Safety Risk Management – Module 10
What is Risk Management?
The Risk Management Process
Hazard Identification

Safety Risk Management – Module 10
> Risk Analysis
> Risk Assessment
> Risk Controls
> SRM Documentation

Safety Risk Management – Module 10
Exercise #16 - Proactive Risk Assessment, Airport Change Management Example
Exercise #17 – Manufacturing Proactive Risk Assessment

Thursday

Safety Risk Management – Module 10
Exercise #18 – COS Safety Assurance Information Proactive Risk Assessment

Safety Assurance – Module 11
Safety Assurance Overview
Data Collection
> Operational Data
> Safety Investigations
> Internal Self-Audits
> Internal Evaluation

Safety Promotion – Module 12
Corporate Programs for SMS Safety Promotion
Exercise #12a - DuPont/Qantas Safety Promotion

Next Steps – Module 14
Vertical, Horizontal and Hybrid Implementation Examples