2021 SM4 Online Safety Learning Management System

Welcome to the course outline for your learning management system. As you review this outline, you will find some of these topics will be new to your organization such as the AJ O'Connor Learning Plan on Emotional Intelligence. Others will be a valuable refresher to your safety program such as the Fireside Partners Learning Plan entitled "Top 10 Emergency Response Priorities in the First Six Hours of a Crisis". These Learning Plans and Courses are available to everyone in your organization, including risk management and the flight crew. We welcome your feedback and stay tuned for future courses.

Table of Contents

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AirCrew Academy Learning Plan

Module 1 - Introduction to Runway Excursion (15 minutes)
- Know about the various business aviation runway excursions in recent years
- Identify leading causal factors in runway excursions
- State the top three focus areas to prevent a runway excursion

Module 2 - Stabilized Approach (15 minutes)
- Identify key issues of an un-stabilized approach
- Understand why Failure to Go-Around is the number one risk factor approach and landing accidents
- Review a high-profile runway excursion and the final NTSB report analysis
- Know the Go-Around Decision-Making and Execution Project's summary of recommendations
- Review the recommendations for profile, configuration, energy, and general guidelines

Module 3 -Wet or Contaminated Runways (15 minutes)
- Understand why wet or contaminated runways are a leading causal factor in runway excursions
- Review runway excursions during 2019 and 2020 that occurred on wet or contained runways
- Know the FAA recommendations
- Know the impact of not grooved and non PFC runways

Module 4 -Winds (15 minutes)
- Know that crosswind or tailwind are causal factors in runway excursions
- Review a runway excursion incident

Advanced Aircrew Academy - Final Assessment

AJ O'Connor Learning Plan

Module 1 - Understanding Emotional Intelligence Part 1 (15 minutes)
- Explain what emotional intelligence means
- Identify your current emotional intelligence strengths and development needs
- Outline how our brains process emotion
- Describe the primary drivers of emotional intelligence

Module 2 - Understanding Emotional Intelligence Part 2 (10 minutes)
- Identify and recognize the four primary Emotional Intelligence (EI) drivers

Module 3 - Building Self-Awareness (10 minutes)
- Identify four self-awareness skill builders
- Describe how to improve your levels of self-awareness
- Outline the benefits of being more self-aware

Module 4 -Strengthening Self-Management (10 minutes)
- Identify four self-management skill builders
- Describe how to improve your levels of self-management
- Outline the benefits of better self-management

Module 5 - Strengthening Social Skills (10 minutes)
- Identify four social skill builders
- Describe how to improve your levels of social-skills
- Outline the benefits of better social-skills

AJ O'Connor - Final Assessment

Baldwin Learning Plan

Module 1 - Safety Manager Training (10 minutes)
- Recognize the importance of SMS
- Define why we have SMS

Module 2 - SMS (10 minutes)
- Define what SMS is
- List the safety objectives of our organization

Module 3 - SMS Component Safety Risk Management (10 minutes)
- Properly identify a hazard
- Analyze and mitigate hazards

Module 4 - Safety Assurance (10 minutes)
- Analyze data regarding safety assurance
- Implement and manage change

Module 5 - Safety Promotion (10 minutes)
- Cultivate a safety culture within the organization
- Promote safety and feedback amongst employees

Module 6 - What Is Just Culture? (10 minutes)
- Manage human error
- Define the three types of behavior choices made by employees

Baldwin - Final Assessment

Convergent Learning Plan

Module 1 - Introduction to the Blue Threat (10 minutes)
- Define the Blue Threat
- Explain the important concepts the of Blue Threat approach to Excellence

Module 2 - Recognition of Error Types (5 minutes)
- Recognize personal errors in the absence of negative consequences

Module 3 - Getting Back Inside the Lines (10 minutes)
- Recognize the four reasons for noncompliance

Convergent - Final Assessment

Fireside Learning Plan

Module 1 - The Top Ten in the First Six Part 1 (10 minutes)
- Explain what a crisis situation is
- List the steps required to respond to the crisis
- Describe the steps required to respond to crisis

Module 2 - The Top Ten in the First Six Part 2 (10 minutes)
- List what steps to take to gain a greater awareness of the crisis
- Prioritize actions required to mitigate the crisis as much as possible
- Structure a stabilization and long term response strategy

Fireside - Final Assessment

Global Aerospace Learning Plan

Module 1 - History of Aviation Insurance (10 minutes)
- Describe the evolution of aviation insurance
- Summarize the lineage of Global Aerospace

Module 2 - Types of Aviation Insurance (6 minutes)
- Identify the main types of aviation insurance
- Describe what each type of aviation insurance covers

Module 3 - Certificates of Insurance (10 minutes)
- Describe different types of Certificates of Insurance
- Explain why Certificates of Insurance are required

Global Aerospace - Final Assessment

MedAire Learning Plan

Module 1 - Introduction to Travel Risk Management (7 minutes)
- Describe what travel risk management is and what it covers
- Identify potential travel risks
- Identify questions you should ask yourself to ensure you are prepared

Module 2 - Flight Department and Travel Risk Management (5 minutes)
- Describe how the Flight Department's risk management works within the company's overall travel risk management program
- Identify considerations which must be made in relation to risk management by both corporate travel and Flight Departments

Module 3 - Aviation-Specific Travel Risk Management (12 minutes)
- Identify and describe the three points of intervention
- Describe the benefits of a good travel risk management program
- Summarize the questions you should ask yourself to ensure risk is mitigated

MedAire - Final Assessment

Prevailance Learning Plan

Module 1 - Introduction to Loss of Control – Inflight (10 minutes)
- State important facts about loss of control inflight
- Explain how Automation and Technology have made it so easy for pilots to fly
- Explain the concept of the operating envelope

Module 2 - Improving the Pilot Training Paradigm with On-Aircraft Training (10 minutes)
- The current pilot training paradigm
- Stats that show the current paradigm is not working
- The changes that will improve safety
- Methods for making those changes

Module 3 - Pilot Startle - Defined and Mitigated (10 minutes)
- Define 'surprise' and 'startle'
- Mitigate the effects of the 'startle' response

Prevailance Aerospace - Final Assessment

Pulsar Learning Plan

Module 1 - The Science of Fatigue (15 minutes)
- Identify what fatigue is
- Explain what causes fatigue

Module 2 - Operational Fatigue Risk (10 minutes)
- Define the causes of fatigue
- Mitigate the effects of fatigue using a comprehensive fatigue risk management system

Module 3 - Fatigue Risk Management (10 minutes)
- Define common patterns of fatigue
- Utilize a fatigue risk management program to combat the effects of fatigue

Module 4 - Fitness For Duty (10 minutes)
- Define fitness for duty as a shared responsibility
- Use the Psychomotor Vigilance Test (PVT) to test your levels of fatigue-induced impairment

- ***Pulsar Informatics - Final Assessment***

Fire Safety Course
- Outline the combustion process, fire classifications and common hazards at work
- Define the elements of a proper emergency action and fire prevention plan
- Recognize evacuation exit routes throughout the building and procedures for evacuation
- Summarize the requirements for exit routes and doors
- List the classes of fire extinguishers and the types of fires they can properly extinguish
- Describe the requirements for proper maintenance of portable fire extinguishers
- Understand the basic use of a fire extinguisher and describe PASS
- Discuss firefighting decision criteria and describe RACE