Aviation Safety and Operations Train the Trainer Training Course



14 - 18 Dec 2026

Munich

5100 € (Per Person)

Ref: #AVI3323_81162

Course Introduction / Overview:

This comprehensive course is designed to equip aspiring and current aviation trainers with the essential skills to design, deliver, and evaluate high-impact training programs in safety and operations. In the high-stakes aviation industry, effective training is not a luxury but a critical component of a robust Safety Management System (SMS). This program moves beyond traditional presentation skills, focusing on advanced instructional techniques tailored to the unique demands of aviation professionals. As highlighted by pioneering safety scientist Dr. James Reason in his seminal work "Human Error", understanding the root causes of mistakes is fundamental to preventing them. This course integrates such foundational concepts, teaching trainers how to instill a proactive safety culture rather than merely conveying information. Participants will learn to create engaging learning experiences that address complex topics like human factors, threat and error management, and regulatory compliance. BIG BEN Training Center has developed this curriculum to bridge the gap between theoretical knowledge and practical application, ensuring that graduates can confidently lead training sessions that enhance operational efficiency and, most importantly, bolster aviation safety standards across their organizations.

Target Audience / This training course is suitable for:

- Aspiring and current aviation trainers.
- Safety managers and officers.
- Flight and cabin crew training instructors.
- Ground operations training specialists.
- Maintenance and engineering trainers.
- Air traffic control training personnel.
- Aviation compliance and quality assurance managers.
- Department heads responsible for team development.

Target Sectors and Industries:

- Commercial airlines and cargo carriers.
- Airport authorities and ground handling agents.
- Maintenance, Repair, and Overhaul (MRO) organizations.
- Air navigation service providers (ANSPs).
- Business and general aviation operators.
- Aviation regulatory bodies and civil aviation authorities.
- Government agencies involved in aviation and transportation safety.
- Flight training organizations and aviation academies.

Target Organizations Departments:

- Training and Development.
- Safety and Compliance.
- Flight Operations.
- In-Flight Services and Cabin Crew.
- Ground Operations and Ramp Services.
- Technical Operations and Maintenance.
- Human Resources.
- Quality Assurance.

Course Offerings:

By the end of this course, the participants will have able to:

- Design and structure comprehensive aviation training modules from scratch.
- Apply adult learning principles to maximize knowledge retention and engagement.
- Develop clear and measurable learning objectives aligned with operational goals.
- Master advanced facilitation and classroom management techniques.
- Effectively teach complex topics like Safety Management Systems (SMS) and Human Factors.
- Create and utilize compelling training aids, including case studies and simulations.
- Implement various methods to assess trainee competency and training effectiveness.
- Provide constructive feedback to enhance performance and safety behaviors.
- Ensure all training content is compliant with current aviation regulations.
- Foster a positive and proactive safety culture through impactful training delivery.

Course Methodology:

The training methodology at BIG BEN Training Center is designed for maximum participant engagement and practical skill acquisition. This course employs a blended learning approach that combines expert-led instruction with interactive, hands-on activities. We believe that adult learners benefit most from active participation, so theoretical sessions are concise and immediately followed by practical application. The curriculum is built around real-world aviation case studies, allowing participants to analyze actual incidents and discuss preventative training strategies in a controlled environment. Group discussions, role-playing exercises, and team-based problem-solving activities are used extensively to foster collaborative learning and explore diverse perspectives. Participants will have numerous opportunities to practice their instructional and facilitation skills by delivering short training segments and receiving constructive feedback from both the instructor and their peers. This immersive and supportive learning environment ensures that participants not only understand the principles of effective training but also gain the confidence to apply them effectively in their own operational contexts.

Course Agenda (Course Units):

Unit One Foundations of Aviation Training

- The role and responsibilities of an aviation trainer.
- Understanding adult learning theories (Andragogy).
- Ethical considerations and professional standards for trainers.
- Introduction to the aviation regulatory environment (ICAO, EASA, FAA).
- Connecting training to the organization's Safety Management System (SMS).
- Identifying training needs within an aviation operation.
- Setting the foundation for a positive learning environment.

Unit Two Instructional Design and Curriculum Development

- The ADDIE model (Analysis, Design, Development, Implementation, Evaluation) in aviation.
- Writing effective and measurable learning objectives.
- Structuring a training session for optimal flow and impact.
- Developing engaging content and training materials.
- Incorporating case studies of aviation incidents and accidents.
- Designing interactive activities and group exercises.
- Selecting appropriate training aids and technologies.

Unit Three Core Aviation Safety and Operational Topics for Trainers

- Teaching Safety Management Systems (SMS) effectively.
- Explaining Human Factors using models (SHELL, Swiss Cheese, Dirty Dozen).
- Instructional strategies for Crew Resource Management (CRM).
- Delivering training on Threat and Error Management (TEM).
- Fundamentals of Fatigue Risk Management Systems (FRMS).
- Emergency Response Planning (ERP) training principles.
- Integrating security concepts into safety training.

Unit Four Training Delivery and Facilitation Skills

- Mastering presentation and public speaking techniques.
- Effective communication and active listening skills.
- Managing the training environment and logistics.
- Facilitating group discussions and encouraging participation.
- Handling difficult questions and challenging participants.
- Techniques for using simulators and practical training devices.
- Adapting delivery style for diverse audiences and cultures.

Unit Five Assessment, Evaluation, and Continuous Improvement

- Methods for assessing trainee knowledge and skills.
- Developing effective quizzes, practical assessments, and observations.
- Applying the Kirkpatrick Model of training evaluation.
- The art of giving and receiving constructive feedback.
- Documenting training records for regulatory compliance.
- Reviewing and updating training programs based on new data.
- Personal action planning for continuous professional development as a trainer.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

How can a trainer effectively balance standardized regulatory training with the need to adapt content for diverse cultural and experiential backgrounds within a flight crew?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by deeply integrating pedagogical science with the specific, high-consequence realities of the aviation industry. While many programs focus solely on presentation skills, this curriculum is built on the premise that an aviation trainer is foremost a safety leader. We move beyond the 'what' of aviation regulations to the 'how' of instilling a resilient safety culture. The program dedicates significant time to the practical application of complex theories like Dr. James Reason's models of human error and modern Safety Management Systems, teaching participants not just to recite concepts but to make them relevant and actionable for flight crews, ground staff, and maintenance personnel. A key differentiator is our focus on instructional design for safety-critical tasks, emphasizing scenario-based learning and human factors analysis. Participants do not just learn to manage a classroom; they learn to manage a learning process that directly contributes to operational integrity and risk mitigation. The course provides a unique forum for professionals to develop the nuanced skills required to train others in an environment where there is no margin for error.