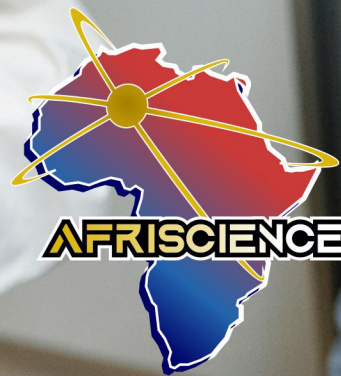


Behavioral Safety (BBS) and Human Factors in the Workplace



Who Should Attend?

This Afriscience training course is ideal for safety managers, supervisors, HR professionals, and team leaders seeking to enhance workplace safety and accountability. It is also beneficial for employees involved in safety-critical roles or those aiming to foster a positive safety culture.

This course is suitable to a wide range of professionals but will greatly benefit:

- Company and Contractor Safety officers and managers.
- HR professionals involved in employee well-being.
- Supervisors and team leaders.
- Operational managers aiming to enhance workplace safety.
- Any professional keen on improving safety awareness and practices in their organization



DATE : 27 – 29 May 2026

VENUE : Sheraton Kampala Hotel, Kampala, Uganda

COST : USD995.00pp

REGISTER NOW

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Email: afriscience@afriscience.co.za

Attendance by two or more representatives of your organization will foster teamwork and enhance the program's impact

Course Introduction

Behavioral safety and human factors are foundational elements in fostering a safe and efficient workplace. These concepts emphasize the understanding of how individual behaviors, interactions, and environmental conditions influence workplace safety outcomes.

This Afriscience training course is meticulously designed to explore the intricate psychological, social, and environmental factors that shape employee behavior and decision-making. By examining these elements, organizations can gain deeper insights into the root causes of unsafe practices and implement proactive strategies to mitigate risks.

Human factors encompass a broad range of influences, including cognitive, physical, organizational, and environmental aspects. These factors interact to shape how individuals perceive and respond to workplace situations. Cognitive elements, such as attention, memory, and decision-making, play a critical role in determining how employees approach safety-critical tasks. Physical factors, such as fatigue and ergonomics, also impact an individual's ability to perform safely.

Organizational factors, including leadership style, communication channels, and workplace culture, are equally significant. A culture that prioritizes safety, supported by clear communication and management commitment, creates an environment where employees feel empowered to report hazards and engage in safe practices. This training course explores these human factors in depth, providing actionable insights into how they can be optimized to enhance workplace safety.

This training course will highlight:

- Comprehensive exploration of behavioral safety principles.
- Insights into human error and its impact on workplace incidents.
- Tools and techniques to enhance safety behaviors.
- Case studies highlighting real-world applications of behavioral safety strategies.
- Practical exercises to reinforce learning and encourage active participation.

TRAINING OBJECTIVES

Participants in this course will gain the skills to:

- Analyze behavioral trends and identify the factors influencing unsafe practices.
- Implement interventions to encourage compliance with safety protocols.
- Foster a workplace culture that prioritizes safety and accountability.
- Leverage human factor principles to optimize safety strategies.
- By the end of the course, participants will be equipped to apply these concepts effectively within their organizations, contributing to a safer, more efficient workplace.
- Behavioral safety and human factors represent a proactive and holistic approach to workplace safety.
- Understanding and addressing these critical elements not only reduces risks but also promotes a culture of continuous improvement and accountability. This course offers a comprehensive exploration of these principles, enabling organizations to achieve lasting safety and operational success.

At the end of this training course, you will learn to:

- Key psychological and environmental factors affecting safety behavior.
- How to identify and address human errors before they escalate.
- Techniques to design safer work environments.
- Methods to motivate employees to adhere to safety protocols.
- Strategies for fostering open communication about safety concerns.

TRAINING SUMMARY

Upon completion of this training course, attendees and their organisations will be able to achieve:

- Reduced workplace accidents and associated costs.
- Enhanced employee morale and productivity.
- Strengthened organizational reputation for safety and well-being.
- Improved compliance with safety regulations and standards.
- Sustainable cultural transformation towards proactive safety practices.
- Enhanced leadership and decision-making skills.
- Improved ability to influence others and promote safety.
- Recognition as a proactive contributor to workplace safety.
- Better preparedness to handle safety challenges effectively.

COURSE OUTLINE

Introduction to Behavioral Safety and Human Factors

- Key Discussion Elements
- Definitions: Behavioral Safety vs. Human Factors.
- Importance of these concepts in workplace safety.
- The psychology of human behavior in the workplace.
- Understanding risk perception and decision-making.
- Common human errors and their impact on safety.
- Case studies: Real-world incidents caused by human factors.

Daily Exercise

Activity: Conduct a safety walkthrough of the workplace. Identify and document at least three potential risks tied to human factors and propose behavioral solutions.

Behavioral Safety Principles

- Key Discussion Elements
- The ABC Model (Antecedent, Behavior, Consequence) in safety.
- Identifying and reinforcing safe behaviors.
- Barriers to behavior change in the workplace.
- The role of leadership in promoting behavioral safety.
- Using positive reinforcement effectively.
- Monitoring and measuring behavioral safety performance.

Daily Exercise

- Activity: Role-play scenarios where participants identify safe and unsafe behaviors and suggest reinforcement strategies.

Human Factors in Workplace Design

- Key Discussion Elements
- The role of ergonomics in minimizing human error.
- Designing systems and processes to accommodate human capabilities and limitations.
- Fatigue and its effect on performance and safety.
- Environmental factors: Noise, lighting, and workspace layout.
- Cognitive load and task complexity.
- Integrating technology and human factors.

Daily Exercise

Activity: Break into groups and evaluate the ergonomic design of a specific workstation or task. Present improvement recommendations.

Communication and Safety Culture

- Key Discussion Elements
- The impact of communication on safety behaviors.
- Identifying gaps in safety communication.
- Building a positive safety culture.
- Overcoming resistance to safety initiatives.
- Employee engagement and empowerment in safety practices.
- The influence of peer behavior on individual safety practices.
- Daily Exercise
- Activity: Design a safety communication campaign focusing on a specific workplace hazard. Develop posters, slogans, or messages for peer reinforcement.

Implementing and Sustaining Behavioral Safety Programs

Key Discussion Elements

Steps to develop a behavioral safety program.

Training and education for behavioral safety.

Continuous monitoring and improvement of safety practices.

Managing behavioral safety data and metrics.

Overcoming challenges in program implementation.

Long-term strategies to sustain a safety-focused workplace culture.

ULTIMATE LEARNING SOLUTIONS

“We redefine education, inspiring lifelong growth through innovative learning solutions.”





"Empowering Excellence: Afriscience Training Programs, Where Learning Extends Beyond Courses to Forge Lasting Partnerships."

