

Risk Analysis

Date: 2021
Venue: webinar

The goal is to introduce the principles of the most widely used risk analysis methods. The students will learn how to select suitable risk analysis methods for their technology projects. The basics of the risk magnitude estimation are presented. The organization of a risk analysis project is discussed, including effective risk management tools, documenting and practices. **Bring a scientific calculator with you.**

Risk Analysis	
9:00	<i>WELCOME and introduction</i>
	1. Basic Terms and Concepts <ul style="list-style-type: none">- Risk analysis importance- Concepts, definitions, terms, standards- Risk analysis principle, methods, selection, ensuring sufficient scope
	2. Preliminary Risk Analysis <ul style="list-style-type: none">- Simple risk detection: Check lists, Potential Problems Analysis, Hazard Analysis,- Risk magnitude, how to calculate and use in risk classification
11:30	<i>LUNCH</i>
12:00	3. Risk Analysis for Processes and Systems <ul style="list-style-type: none">- Process structure, subsystems, operational modes- Methods, overview: Hazop, FMEA, Action Error Analysis, RAM etc.- Risk reduction, SIL, LOPA, residual risk
	4. Risk Management Systems <ul style="list-style-type: none">- Risk management system: basic tools, documenting- Risk management, Reliability management, Safety management, examples- Discussion: Minimum requirements in a technology project.
14:00	<i>CONCLUSIONS, discussion</i>

Contact/ Mr. Antti Lyytikäinen, M.Sc., +358-400-800 022
Lecturers: Mr.Arto Salminen, Tech.Lic., +358-40-505 8885
email: info@alsafety.com

Price: eur/ team. Included: Course materials in pdf.

Cancellation: Cancellation latest 1 week before, after that 50 % fee is charged.
A person may be substituted by another. If the cancellation is not made, the whole fee will be charged.