

Module I. Safety in Process Industries



Course delivered by

Massimiliano Fabbricino, Full Professor
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Concetta di Giovanni, Research Fellow
Roberto Andreozzi, Full Professor

University Federico II
of Naples (Italy)



Designed for

Bachelor and master's degree students with a background in chemical and environmental engineering



9 virtual lessons and a virtual practical work about:

1. Explosive Phenomena
2. Thermokinetic Characterization of Chemical Systems
3. Homogeneous Explosions
4. Heterogeneous Explosions
5. Consequence Analysis of Accidental Typologies
6. Toxicology and Industrial Hygiene
7. Safety Measures
8. Risk Analysis Applied to Contaminated Sites
9. Health Impact Assessment within Environmental Impact Assessment Studies



Training sesión:

March, 1st 2022 – May, 31st 2022 (training session)



Resources available on:

Federica / EnvYJobs platform



How to apply & more info

www.safeengine.eu

University POLITEHNICA of
Bucharest (Romania)



University of Málaga
(Spain)



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Module II. Environmental Risk Assessment



Course delivered by

D.M. Cocârță, Associate Professor
L.D. Robescu, Professor
M. Bontoș, Lecturer
C. Stan, Lecturer
C. Streche, Senior Researcher
R. Rusalina, Assistant Researcher

University POLITEHNICA
of Bucharest (Romania)



Designed for

Bachelor and master's degree students with a background in engineering



5 virtual lessons and a virtual practical work about:

1. Basic concept of environmental risk assessment
2. Environmental Factors affecting Humans' Health
3. Risk Management
4. Risk-Based Approach for Contaminated Land Management
5. Risk-based Approach to Air Quality Management
6. Risk-based Approach for Safe Drinking Water
7. Environmental Health Risks and Solid Waste Management



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Module III. Workplace Social Inclusion



Course delivered by

D. Mara, Professor
M. Rotaru, Professor

University Lucian Blaga
of Sibiu (Romania)



Designed for

Bachelor and master's degree students with a background in engineering



5 virtual lessons and a workshop about:

1. Conceptual framework of social inclusion: segregation, integration, inclusion
2. National and international legislative aspects on social inclusion in the workplace;
3. Strategies for social integration in work of different categories of socially disadvantaged people
4. Active citizenship
5. Lifelong learning.



Training sesi3n:

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Resources available on:

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Module IV. Occupational Health and Safety



Course delivered by

L.I. Cioca, Professor
M. Rotaru, Professor
D. Vlad, Professor

University Lucian Blaga
of Sibiu (Romania)



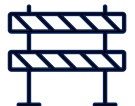
Designed for

Bachelor and master's degree students with a background in engineering



6 virtual lessons and a workshop about:

1. Conceptual framework of occupational health and safety
2. National and international legislative aspects on occupational health and safety
3. Conducting an occupational health and safety risk assessment
4. Documents used for prevention and protection activity.
5. Case study at an ecological landfill, hydroelectrical power plant and automotive plant
6. Work accidents investigation technique



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