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| **1.10 Risk Management of Natural Hazards** |
| Level | 4 |
| Duration | Minimum of 30 hours |
| CFPA-E Points | 30 |
| Aim | To provide learners with an integrated and holistic understanding of risk management with particular regard to those risks applying to natural hazards |
| Target Public | Executive and middle manager, specialists, safety managers, risk and consulting engineers, underwriters, consultants of insurers |
| Prerequisites | Basic understanding and experience in at least one aspect of practical safety management |
| Progression | Courses from the CFPA qualifications framework to broaden knowledge at Level 4 or progress to more in-depth courses at Level 5 |
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| Learning Outcomes | Upon successful completion of the course learners will be able to: |
|  | Verify the integration of risk management in form and content |
|  | Monitor the selection of appropriate related regulatory frameworks and standards to the regulation and management of natural hazards. |
|  | Co-ordinate the use of the basics of risk perception |
|  | Appraise, verify and communicate natural hazard risks in the context of relating them to and distinguishing them from other existing system risks |
|  | Critique methods of qualitative and quantitative risk assessment of natural hazards (including risk analysis and rating) |
|  | Select, check and coordinate the integration of risk optimized safety measures, addressing whether to avoid, transfer, mitigate or retain the residual risk (i.e. crisis management and emergency planning) |
|  | Coordinate, monitor, prioritise and justify adequate safety measures for the recognised risks by a number of criteria including cost-effectiveness |
|  | Coordinate and integrate the use of risk management as a company management tool |
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| Related Guidelines | 1 N; 2 N; 3 N; 4 N; 5 N; 6 N |
| Assessment  | Written examination plus a case study presented in writing or orally. |
| Qualifications | DiplomaOptional subtitle « Risk Manager of Natural Hazards»  |