

Fire Safety and Legislation (E051443)

Course size (nominal values; actual values may depend on programme)

Credits	3.0	Study time	90 h	Contact hrs	15.0 h
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Course offerings and teaching methods in academic year 2018-2019

A (semester 1)	English	lecture	15.0 h
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Lecturers in academic year 2018-2019

De Saedeleer, Jan	TW03	lecturer-in-charge
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Offered in the following programmes in 2018-2019

	crdts	offering
International Master of Science in Fire Safety Engineering	3	A
Master of Science in Fire Safety Engineering	3	A

Teaching languages

English

Keywords

Belgian and European legislation and regulation

Position of the course

In this part of the course, students gain an in-depth insight into the thinking behind legislation and regulations, starting from the concepts that they are based on. The students gain insight into the structure of the different authorities, as well as into the validity of legislation and standards. Students will learn to find the up-to-date legislation. This part of course fits in with the key competences: - being able to work within the existing legal framework - and aimed at the application of the most recent legislation.

Contents

- Legal framework:
 - Introduction (Definition, sources of law,...)
 - Authorities (Competences, functions, type of authority (local, national, supranational, international),...)
 - Contents of legislation (General, building regulations (B, NL, D, UK, F) occupational safety and health,...)
 - Enforcement (Liability, control (courts, fire brigade),...)
- Technical specifications:
 - Building regulations (Construction products directive and "Koninklijk besluit van 7 juli 1994", Approved document B - Volume 2, "Bouwbesluit 2012")
 - Occupational safety and health legislation (ARAB art. 52)

Initial competences

Fire Dynamics

Final competences

- 1 critical insight into existing legislation and regulations
- 2 insight in the structure of the legislative and regulating authorities
- 3 have knowledge of the validity and the status of legal sources and being able to follow-up its evolution
- 4 adopt an attitude aimed at the follow-up and application of the most recent legislation

Conditions for credit contract

This course unit cannot be taken via a credit contract

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Lecture

Extra information on the teaching methods

Lecture accompanied by a presentation, exercises and case studies.

Learning materials and price

- Textbook (English)
- Legislation ("Koninklijk besluit van 7 juli 1994", Approved document B - Volume 2,...)
- Slides

References

Course content-related study coaching

Interactive support through Minerva (forums, e-mail)

Evaluation methods

end-of-term evaluation

Examination methods in case of periodic evaluation during the first examination period

Written examination with multiple choice questions, open book examination

Examination methods in case of periodic evaluation during the second examination period

Written examination with multiple choice questions, open book examination

Examination methods in case of permanent evaluation

Possibilities of retake in case of permanent evaluation

not applicable

Extra information on the examination methods

During examination period: open-book exam with multiple choice questions, and open questions with written answers

Calculation of the examination mark

The final score consist of the end-of-term evaluation, with a 50/50 division: open-book exam with multiple choice questions (10 points), and open questions with written answers (10 points).