

- activation times and compartment smoke filling, using a spread sheet model.
5 Give appropriate consideration to uncertainties in fire problems.

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

22 hours of lectures; 11 hours of seminars/tutorials; 1 hour of formative assessment; 6 hours of summative assessment; 4 hours of programme level learning and teaching; 136 hours of directed and independent learning.

Formative feedback on tutorial.

Students will be given the opportunity to provide Stop, Start and Continue feedback and comments on this will be provided back by the course lecturer.

Exam Post-Mortem comments.

Learning materials and price

Dougal Drysdale "Intro to Fire Dynamics" 3rd Edition (2011), Wiley

References

Course content-related study coaching

Evaluation methods

end-of-term evaluation and continuous assessment

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

Written examination

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

Examination methods in case of permanent evaluation

Skills test

Possibilities of retake in case of permanent evaluation

not applicable

Extra information on the examination methods

Intermittent Assessment (30%)

Assessment will be made of the material studied in the tutorial exercises (including heat transfer calculations).

Written Examination (70%)

The written examination will have a 2 hours duration with 2 compulsory questions

Calculation of the examination mark

Written Exam 70 %, Coursework 30 %