

Fire Resistance of Steel and Timber Structures

Subject area: Civil Engineering/Architecture

University: CTU
Level: BA4, MA all years, PhD
Teaching mode: completely online, at specific time
Instructor(s): František Wald

Short description

The aim of this course is to give students an understanding of the design methods of structures at accidental situations, fire and explosion.

Full description

<https://mobility.cvut.cz/prospectus/FCE/134FRSS.html>

Learning outcomes

Understanding and training in design of steel and timber load bearing structures in case of fire.

General information

Contact hours per week: 2
Total workload: 50 (in student hours for the whole course)
ECTS credits: 2
Language: English

Course start date: 19 September 2022

Course end date: 15 January 2023

Add. info about start date: Start course date refers to start of the semester at CTU. Schedules will be available 1-2 weeks before semester starts. Lectures are taken place from 19.9.2022 until 15.1.2023. Examination period from 16.1.2023 until 19.2.2023.

Weekly teaching day/time:

Time zone: CET (Denmark, Germany, France, Netherlands, Switzerland, Czech Republic)

Further information:

Prerequisites: Knowledge of basic design of steel and timber load bearing structures at normal temperature.

Activities and methods: Lectures, Seminars

Presence on campus: No required.

Final examination

Form: written + oral exam and assignment

Date:

Location/format: online

Re-sit possibility: yes

Transcript available: end of semester

Add. info/requirements:

Registration

To register for this course, follow the registration requirements of your **home university** as specified here: www.euroteq.eu/courses-registration.

Administration

Number of places: 20

Minimum participants:

Internal course code: 134FRSS

Contact: wald@fsv.cvut.cz

This course is part of the EuroTeQ Engineering University joint course catalogue 2022/2023. This is a collaborative activity of the partner universities DTU, L'X, TU/e, TalTech, CTU, TUM as well as Technion. Students from these universities can participate in the offered courses. It is the responsibility of the student to

check if you fulfil the requirements to participate in a specific course. Students are also advised to check with their home institution how to get recognition of the ECTS credits gained in courses of the EuroTeQ course catalogue. For further information about EuroTeQ Engineering University, visit www.euroteq.eu or get in touch with the above-mentioned point of contact.