

Elementary Introduction to Graph Theory

Subject area: Mathematics

University: CTU
Level: BA all years
Teaching mode: hybrid: some students participate online, other students attend real-life
Instructor(s): Petr Ambrož

Short description

The course provides an explanation of basic graph theory followed by a survey of common graph algorithms.

Full description

<http://bilakniha.cvut.cz/en/predmet4081506.html>

Learning outcomes

Acquire knowledge of Basic notions of graph theory. Acquired skills: Orientation in elementary graph algorithms and their use for solving practical problems.

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: none

Activities and methods: Lectures

Presence on campus:

Final examination

Form: written

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: 10

Minimum participants:

Internal course code: 01EIGR

Contact: petr.ambroz@jfifi.cvut.cz

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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.