

CLIL LESSON/ACTIVITY PLAN

CLIL FORM

- FULL LECTURE
- FULL SEMINAR
- FULL LAB

- CLIL ACTIVITY IN A LECTURE
- CLIL ACTIVITY IN A SEMINAR
- CLIL ACTIVITY IN A LAB

DATE 15/ 10 / 2020

TEACHER Csallner András Erik

TOPIC Introduction to Algorithms and Data Structures

MAIN AIM

To learn about the type of data storage where the pieces of data are stored in a way other than the traditional linear structure.

SOURCES

Visuals / PPTs of high quality

SUBJECT CONTENT AIMS

A binary search tree is the most basic form of ordered data structures where most of the operations perform much faster than on linearly arranged keys. The operations process the data by moving vertically in the structure, hence their time complexity does not depend on the number of keys any more but on the depth of the tree instead. Former is of a magnitude exponentially larger than the latter.

LANGUAGE AIMS

Making sure students understand the DT's explanation, developing listening skills

TOOLS FOR SUBJECT CONTENT

PPTs
DT's presentation

TOOLS FOR LANGUAGE

short questions
rephrasing content / key terms / ideas through English

COMPREHENSION/ASSESSMENT

The students could follow the lecture (it was clear from the short questions, and from the seminar)



CLIL - HET

SLOVAKIA - HUNGARY - POLAND - THE CZECH REPUBLIC - SERBIA - ALBANIA