

Regulations of **Algorithms and Data Structures** **(103B-CTxxx-ISA-EADS)** in Winter Semester 2022/2023

EADS is an examination subject. It is possible to obtain:

- up to 30 points (3*10) for the laboratory
- up to 20 points for a mid-term test
- up to 50 points for the examination
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To pass the course it is necessary to have at least 16 points from laboratory tasks.

Tutorial classes are obligatory – **a student with more than 2 absences at tutorials cannot pass the course.**

The final result is determined on the following rules:

5.0:	91-100 points
4.5:	81-90 points
4.0:	71-80 points
3.5:	61-70 points
3.0:	51-60 points
2.0:	0-50 points

Students who pass the mid-term test for at least 14 points and score at least 36 points during the semester and regularly attend classes can obtain the following marks without taking the exam:

5.0:	46-50 points
4.5:	41-45 points
4.0:	36-40 points

The mid-term test is scheduled for **17th November 2022 and 8th December 2022 (during tutorials).**

The laboratories start on **24th October, 2022 (Mondays) and 26th October, 2022 (Wednesdays).**

Literature:

D.S. Malik, "Data Structures Using C++", Second Edition, Course Technology, Cengage Learning, 2010.

L. Nyhoff, "ADTs, Data Structures, and Problem Solving with C++", Pearson Education, 2005.

M. A. Weiss, "Data Structures and Problem Solving Using C++", Second Edition, Addison Wesley Longman Inc., 2000.

T. Budd, "Data Structures in C++ Using the Standard Template Library", Addison Wesley Longman Inc., 1997.

S. Sengupta, C. Ph. Korobkin, "C++ Object-Oriented Data Structures", Springer-Verlag, 1994.