„Artificial Intelligence and Knowledge Engineering" laboratory
summer semester 2023/2024
Version: 27th February 2024

Laboratory

1) Five exercises will be implemented during the semester:
    1. Problem solving by searching (deadline: 4th laboratory class)
    2. Game playing (deadline: 9th laboratory class)
    3. Symbolic Knowledge representation and its application in planning tasks (deadline: 10th laboratory class)
    4. Statistical Machine Learning (deadline: 13th laboratory class)
    5. Neural and Deep Learning (deadline: the last laboratory class)
2) Laboratory credit requires completing all exercises at least in a minimal form (see below).
3) Each exercise will be documented at ePortal in the lecture site: *to be added* in separate files.
4) Each exercise will be evaluated from 0 to 100 points. The total number of points is 500.
   In the case of exceptional or expanded fulfilment of the assignment the teacher may grant some additional score points.
5) Delayed exercises will result in a point penalty. Each delay of one laboratory class results in a 20% penalty.
6) Only one exercise may be presented and evaluated during one class.
7) Two absences are possible. For each following absence the final grade is going to be lowered by 0.5.
8) Final grade is calculated as follows:
    a. 0 – 250 points 2.0
    b. >250 – 300 points 3.0
    c. >300 – 350 points 3.5
    d. >350 – 400 points 4.0
    e. >400 – 450 points 4.5
    f. >450 – 500 points 5.0
9) An exercise is considered to be completed in a minimal form if its evaluation is no less than 30 points.
10) Excellent grade (5.5) is possible. Students must collect 100% possible points and demonstrate knowledge much beyond the standard requirements.
11) Cheating will be punished by the 0 points score. Repeated cheating will result in the negative grade.
12) Students may use all different available knowledge sources (e.g., books or on-line materials), example programs (source codes, but only if their licence permits it) , as well as codes generated by LLMs, but all such cases MUST be properly cited in the reports and the programs submitted by the students. A good report should include citations to literature and source materials. All used third-party source codes MUST be distinguished by comments in the student's own program and credits to their authors MUST be clearly stated in the file headers.
13) Students are expected to possess very good knowledge about the whole presented solution including the whole submitted code.

14) Teachers may reduce the scoring points for an assignment in relation to the amount of the third party source code used by a student. In the case the amount of the third party source code is significant in the presented solution, the grade for this assignment cannot exceed 70 pts.

Lecture

1) Lectures are passed on the basis of the exam.
2) The dates of the two exam terms will be planned together with the faculty office and will be announced to students during the first half of semester.
3) Students may acquire additional scoring points during lectures on the basis of their activity (questions, answers to questions, remarks pertaining to lecture topics, etc.)
4) The collected scoring points during the semester will be a basis for increasing the result of the exam.

Course (*in the case of a group of courses*)

1) The whole course is passed only if both the laboratory and lecture parts are passed.
2) The final grade is based on the arithmetic mean from the grades obtained for both parts.