

YFX0320 Introduction to particle physics and cosmology Methods of evaluation

The course is built on lectures and practice lessons, and concludes with an exam.

In the beginning of the course, the lecturer specifies the evaluation criteria (i.e. format of the final exam, proportions of parts of the course in the grade etc.).

Assessment criteria

Skills evaluated at the final exam:

- a) comprehension of elementary knowledge of particle physics and cosmology;
- b) ability to solve simpler problems in particle physics and theory of relativity.

Explanation of numeric grades:

5 (excellent) – student's knowledge of theoretical aspects is excellent. The answers are specific, clear and detailed. Student completely masters all terms (91%...100% of course material).

4 (very good) - student's knowledge of theoretical aspects is very good. The answers are specific, clear and detailed but contain less individual view. There may be some minor errors in answers (81%...90% of course material).

3 (good) - student's knowledge of theoretical aspects is good. The answers are clear but contain some errors. Discussion lacks individual approach. Some points of view may be erroneous (71%...80% of course material).

2 (satisfactory) – student's knowledge is satisfactory but not all answers are clear. Frequent errors can be found in answers but understanding of basic principles is clear. (61%...70% of course material).

1 (poor) - Student's answers are weak, only partly cover the material, and are insufficiently detailed and specific. There are major mistakes. Student constantly needs help and leading questions. (51%...60% of course material).