HPP0300 Engineering ethics

Learning outcomes:	After completing the course, the student ▪ has acquired an overview of the most important concepts and theories of ethics; ▪ understands cultural and moral position of the engineering in the society; ▪ is able to resolve the ethical dilemmas; ▪ sees the social responsibility of cooperation of science, technology and engineering; ▪ is able to analyze cooperation between the individual and the organisation and can apply ethics codes.
Evaluation method (pass/fail assessment)	**Non-graded assessment** Written exam To pass the course students have to present an analysis of one of the cases of engineering ethics (6 - 8 pages) in which the understanding of the content of the course is demonstrated. Full participation is expected. Full participation consists of demonstrating that you are prepared for each class, asking thoughtful questions that help you and your peers learn, responding respectfully to peers, engaging productively in all class exercises, and posting queries and replies on the course discussion board.
Hindamise meetodid (kokkuvõttev hindamine)	The objective of case analysis is to reveal the students ability to use aquired theoretical knowledge in real organizational situations. Students will be required to present a case analysis which analyzes and solves an ethical problem/dilemma. Criteria for evaluating the analysis will be based on 1) how effectively student marshals the best evidence to make the case, 2) the extent student has made the case in a strong, truthful, and convincing manner, 3) how well student uses facts about the particular organization and situation to make the case and find alternatiive solutions and 4) how well personal opinions are backed by theory.
Requirements for making-up non-attendance	The student has to participate in lectures and seminars. For every non-attendance in seminar (but not more than half of seminars) the student has to read one scientific article on the seminar topic and write 2page comprehensive summary. Frequent absence (more than half of seminars) results in failing the course.