### Numerical course code
LTTO.00.004

### Title
Space Technology Project

### Faculty/Department
LTTO Faculty of Science and Technology, Tartu Observatory

### Amount of credits (1 ECTS = 26 hours)
12 ECTS

### Duration in semesters
4

### Final assessment
non-differentiated (pass, fail, not present)

### Curricula containing this course

### Objectives
The aims of the course are:
- to raise the competence of Estonian industry and scientific institutes in the field of space technology by introducing this topic to the future workforce;
- to explain and popularize the field of space research, European Space Agency space programmes and the role of Estonian membership.

### Learning outcomes
After passing this course, the participants have experience in
- different phases of space missions;
- development of a Cube Satellite;
- PR activities related to a development project;
- funding of a project.

### Brief description
This course is for the students interested in space technology and applications. During the course, a special project will be planned and carried out with the aim to obtain practical experiences in space instrumentation design, standards, quality management and procedures. The course activities are related to the Estonian Student Satellite Programme.