Prerequisites

Recommended: LTTO.00.005 Space Systems (6 ECTS) 
LTTO.00.011 Introduction to Space Technology (3 ECTS)

Curricula containing this course

<table>
<thead>
<tr>
<th>Course</th>
<th>Study level</th>
<th>Duration in semesters</th>
<th>Study period (in weeks)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Engineering (83866)</td>
<td>bac.</td>
<td>2</td>
<td>2-16</td>
</tr>
<tr>
<td>Robotics and Computer Engineering (136637)</td>
<td>mas.</td>
<td>2</td>
<td>2-16</td>
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Objectives

The aims of the courses are
- to raise the competence of Estonian industry and scientific institutes in the field of space and military technologies by introducing this topic to the future workforce;
- to improve students ability to rapidly go through large amounts of information and filter out the important parts from it.

Learning outcomes

At the end of the course the participants will have a more specific overview of different fields in space and military technology.

Brief description

This course is meant for students interested in space technology and space research and is an addition to the the following courses "Introduction to Space Technology" and "Security and Defence Technologies". It provides students with the ability to independently research a more specific field and present that research to other students. During the course, students will learn about space and military technology and related problems. The course is divided in two independent parts: in autumn semester, the course is focused on space technology and in spring semester on military technologies.

Groups

<table>
<thead>
<tr>
<th>Mark</th>
<th>Limit of attendants</th>
<th>Lecturers</th>
</tr>
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Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>03.09.2020</td>
<td>seminar - Introductory seminar, where we introduce the concept of the course.</td>
</tr>
<tr>
<td>10.09.2020</td>
<td>seminar - Presentations and discussions.</td>
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</tbody>
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Lecture materials and course home page

Web-based learning environment

http://moodle.ut.ee

Compulsory study materials

Öppejõud jagab esimeses loengus ja on välja toodud Google dokumendid

Recommended study materials

Öppejõud jagab esimeses loengus ja on välja toodud Google dokumendid

List of independent works and their instructions

Esitluse ettevalmistamine

Assessment methods and criteria

<table>
<thead>
<tr>
<th>Assessment method</th>
<th>Criteria</th>
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</table>
| final oral and written (combined) assessment | You are not obliged to take the exam if you have filled the other criteria for passing the course  
* Asked questions in the seminars  
* Attended seminars  
* Given presentations  
* Made summaries of your presentations  
  
  The exam consists of  
  ** Two microslots to present topic prepared at home  
  ** Two microslots as lottery from all presentations given during the semester.  |
| presentation                           | You need to give larger presentations that go in depth into the idea behind the paper. The number depends on the amount of students. Most likely 2 - 3  
You will need to attend at least 75% of the seminars.  |
| presentation                           | You will need to give a number of 5 minute presentations. The number depends on the amount of students. You will need to attend at least 75% of the seminars.  |

Requirements to be met for final assessment

* Attend seminars  
* Give presentations  
* Ask questions from other presenters  
* Make summaries of your presentations  
* In case you fail to reach one or more of the above  
  ** You will have to take the exam

To obtain final grade, the following is required

In this course the grade is will be given as follows
* How to pass the course
** Taking part in seminars (Minimum attendance >= 75 %)
** Asking meaningful questions (Minimum questioning >= 75 %)
** Give large presentations (20 min) depending on the number of students - will be decided in the first seminar.
** Give small presentations (5 min) depending on the number of students - will be decided in the first seminar.
** Make summaries of all your presentations.

* Exam
** Two microslots to present topic prepared at home - also summaries.
** Two microslots as lottery from the entries in the Key with up to 10 minutes to prepare for both using pen and paper.
** Exam - January
** Resit - January

Options for taking tests/exams at later date
As mandated by the university regulations.
All other exceptions must be negotiated with the lecturer.