



EF1113 Project in Space Technology 7.5 credits

Projekt i rymdteknik

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for EF1113 valid from Spring 2019

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

There are no formal pre-requisites for the course, since the nature of the projects may vary widely. The tutor will determine if the student has the required background for the project in question.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

The course aims to give some practical experience of performing one or several typical tasks in the field of space technology, including data analysis and development or evaluation of measurement techniques and instrumentation, designing part of a space vehicle or investigating the effects of space environment on various systems in space. It further aims at giving experience of describing the performed work in a formal report.

Course contents

See course disposition.

Disposition

The work will take place over a longer time, and involve work carried out independently by the student, according to the definition of the project given by the supervisor. One or more supervisors will be available during the project time. Note that you have to identify a project by contacting a potential tutor before you sign up for the course!

Course literature

There is no set literature list for this course. The tutor will decide what is required reading. This will usually be complemented by a literature study performed by the student.

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Examination

- PRO1 - Written report, 7.5 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Other requirements for final grade

The examination takes form via a written report.

The report should contain the following elements:

1. Introduction

2. Methodology

3. Results

4. Discussion and conclusions.

If the report deviates clearly from this format a short written motivation should be submitted to the examiner.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.