Requirements for credit-course AE1B13SVS achievement

Organization of Exercises

The exercises are organized according to the following table:

AE1B13SVS - Syllabus - summer 2014

	Exercises		Lectures	
Week	**MO**	**Theme**	**TU**	**Theme**
1.	17.2.2014	Introductional lesson, OHS	18.2.2014	Solar energy and basic forms of its exploitation, Influence of geographic position and climate on spectra and irradiance
2.	24.2.2014	Spectrums measurement and irradiance distribution	25.2.2014	Photovoltaic effect, photovoltaic cells, basic structure and characteristics
3.	3.3.2014		4.3.2014	Construction and technology of photovoltaic cells
4.	10.3.2014	Influence of irradiance and tepmerature on PV cells characteristics	11.3.2014	Construction and technology of photovoltaic modules
5.	17.3.2014		18.3.2014	Autonomous PV systems
6.	24.3.2014	Basic parameters of PV module, proposal of grid-off systém, influence of shading.	25.3.2014	Grid-on PV systems
7.	31.3.2014		1.4.2014	Optimisation of PV system operating conditions
8.	7.4.2014	PV on-grid systems and autonomous PV systems, revisions of PV systems	8.4.2014	Basic economic and ecological aspects
9.	14.4.2014		15.4.2014	Concentrator PV systems
10.	21.4.2014	--- (Easter Monday)	22.4.2014	Solar heating and cooling
11.	28.4.2014	Solar chimney and concentrator solar systems	29.4.2014	---
12.	5.5.2014		6.5.2014	Solar power stations
13.	12.5.2014	Course-credit test	13.5.2014	Solar energy for high temperature technology
14.	19.5.2014	Course-credit	20.5.2014	Present trends in the field of solar systems

Explanatory:	Void	
	Shift	

Holidays: 21. 4. 2014 (MO), 1. 5. (TH) a 8. 5. (TH)
Dean's day: 18.4 (FR)
Rector's day: 14. 5. 2014 (WE)
Shift of lessons: day 29.4. 2014 (TU) will be lessons substitute thursday 1. 5. 2014

There are 5 topics of measurements on the agenda for exercises. Each topic has two tasks. Students are at the beginning (first exercise) divided into two groups. The following exercises are prepared according to the instructions on the Web. Before measuring, representative of group ballotes subtasks, which the group will do on exercise. In the following weeks, the tasks would swap. For each task, one student (determined by teacher) will prepare the report and before of beginning of the next exercise the student briefly presents the conclusions of the previous task (5 minutes ppt presentations).

Evaluation of exercises

Exercise lecturer checks preparation of students by random test (5 questions, 3 well). For obtaining the credit, the student must succeed in more than half of the number of tests per semester. In addition, selected student must submit the required report within the time specified by teacher and of sufficient quality. If the report is not submitted, or non-presentation, the student may not receive credit.

Presence in exercises

Attendance at exercises is compulsory, students in the event of a sudden abstention (illness, a traffic problem ...) apologize as soon as possible in person, or e-mail to teacher. In the case of planned absences (scheduled medical examination ...) the student must notify the teacher in advance. About

an alternate date of exercises teacher decides. In the event of a prolonged absence is by teacher whether the student obtains credit.

Credit test

Credit test will be written in the form of the test. Individual questions will be drawn to the lectures and the exercises. For achievement of credit is necessary to obtain at least 50% of the possible points.