

The principles of assessment of lectures

Student learning outcomes, in the framework of lectures will be verified on the basis of a written final test. According to Study Regulations PB final test will be held on two dates, i.e.: the term first - primary (last but one meeting per semester) and second term - correction (last job in a semester). As part of the test the student will have to answer two or three questions, which will be evaluated on a scale from 2 to 5. A rating for each question will depend on the completeness and correctness of the reply given by the following scale:

the completeness and correctness of the given reply	Rating for answer
from 90 to 100%	5,0
from 80 to 90 %	4,5
from 70 to 80 %	4,0
from 60 to 70 %	3,5
from 50 to 60 %	3,0
below 50%	2,0

The final grade of the lectures will be an evaluation depends on the arithmetic average of the grades obtained for each question according to the following scale:

the arithmetic average of the grades obtained for each question	Rating for answer
above 4,50	5,0
from 4,26 to 4,50	4,5
from 3,76 to 4,25	4,0
from 3,26 to 3,75	3,5
from 3,00 to 3,25	3,0
below 3,0	2,0

The principles of assessment design exercises

The verification method of learning outcome: the project documentation, work in the classroom observation, defense of the designed project.

WARNING! - The attendance on classes and return of the designed project is mandatory. The assessment criteria of design exercises are presented in the following table:

Rate	Required criteria
5,0	The project made without error, properly execute calculations and selected devices. With proper care and without error made drawings on a scale given by the Project Leader, dimensioned and numbered in accordance with the specifications. Defense project flawlessly. Active participation in class projects. Timeliness in passing partial calculations verified the classroom by the teacher.

4,5	The project made above average, but there may be minor errors that do not affect significantly the correctness of the calculation and select the devices. Drawings made with care and without error in scale, dimensioned and numbered in accordance with the specifications. The project defense with small mistakes. Timeliness in passing partial calculations verified the classroom by the teacher.
4,0	Generally sound work with a number of notable errors permissible error of calculation and the error in the selection of one device in the heat source. Drawings made as carefully, they can be single errors, omissions in dimensioning, minor mistakes in drawing the horizontal projection and cross-sections. The project defense with some deficiencies. Timeliness in passing partial calculations verified the classroom by the teacher, calculation errors may occur.
3,5	Satisfactory, but there may be errors in calculation and error in the two devices in the heat source. Errors in the selection of diameters. Drawings as well, there may be errors, omissions in dimensioning, errors in drawing a throw, or execution of cross-sections. The project defense with some errors. Calculations partial verified in the classroom by the teacher, can be of calculation errors, bad choice of devices and shown with a delay of two weeks.
3,0	The results of the work meet minimum criteria. They made all the calculations that were performed in the classroom. Selection of all devices in the boiler room. They may be significant errors in the calculation, deficiencies in the drawings i.e. unspeakable diameters, dimensions and incomplete specification of devices. No calculations for verification by the teacher. Calculations Partial be shown with the four-week delay conducting object. The project defense at a satisfactory level.
2,0	Failure to do the project or not to answer the basic questions about dedicated the project in its defense.