

LIST OF EXERCISES

Exercise No.	Theme of the lesson
1	Building ceramics – types and scope of research: a) determining the dimensions of selected ceramic elements, b) determination of the density of selected wall elements, c) preparation of samples for determining compressive strength
2,3	Stone materials – types and scope of research: a) determination of bulk density, b) density designation
4	Building aggregates – types and scope of research: a) designation of grain composition
5	Cement – types and scope of research: a) preparation of mortar and production of bars for determining strength properties (compression, flexural), b) marking the standard consistency of cement paste
6	Cement: a) determination of the flexural and compressive strength of cement beams
9	Metals - Brinell hardness measurement of metals
11	Building ceramics - determination of compressive strength

EXERCISE SCHEDULE

No. of classes	Team		
	I	II	III
1	Organizational activities		
2	1	2,3	5
3	5	1	2,3
4	2,3	5	1
5	9,11	4	6
6	6	9,11	4
7	4	6	9,11
8	Final colloquium		