

Course name: **Fundamentals of Cost Estimation**

No. of ECTS: **4**

Aim:

- Learning about basic scope of knowledge on running and organization of investment process in construction branch as well as rules and techniques of pre-measurement and cost estimation of construction works.

Course content:

- Familiarization with formal requirements applicable before the realization of construction process;
- Familiarization with actual provisions, legal acts and norms concerning construction process;
- Discussing economical criteria of projecting construction investments;
- Discussing rules of predicting, planning and stating costs before the start and finish of the investment. Examples of preparing a schedule of construction works;
- Basic terms and definitions in cost estimation;
- Cost estimation as a base of setting a price for construction works - methods;
- Various cost estimations, detailed discussions;
- Familiarizing with material expenditures catalogues, positions and scope of works;
- Familiarizing with basics, norms, factors, units;
- Familiarizing with methods of pricing;
- Familiarizing with software used in cost estimation e.g. Norma (instructions).

Skills:

- Knowledge on criteria of projecting a construction investment;
- Knowledge on basic methods, techniques and tools used in solving easy engineering tasks;
- Knowledge on pre-measurement and cost estimation of construction works;
- Finding actual provisions and legal acts concerning construction process;
- Predicting, planning and setting costs before the start and after finishing the investment;
- Using cost estimation software.

Form of teaching:

Lecture, Classes