

## Learning Outcomes

1. Participating actively in the preparation of a construction file.
2. Analyzing and managing construction documents (plans, specifications and schedule of quantities) critically.
3. Implementing plans for the design of building structures and adjusting them during the construction of the building project whenever necessary.
4. Formulating solutions independently and making a responsible choice between variants for building techniques and materials on one's own initiative, taking into account economic feasibility, technical feasibility, existing regulations, sustainability, innovation and respect for the architectural requirements of the design.
5. Using ICT judiciously and efficiently for the graphing of architectural plans and for the preparation of the planning and price calculation.
6. Compiling independently a well-thought and accurate cost calculation via an analysis of tender documents and by comparing bids from subcontractors and suppliers, taking into account the company's own resources.
7. Working independently on a well-founded and efficient planning, taking into account the construction project's execution time and the available resources.
8. Measuring constructions and setting out a building. Starting up a construction site and organizing the installation of a construction site independently, taking into account the environmental factors.
9. Engaging in the operational management of a construction site. Giving technical implementation instructions to workers and subcontractors. Performing quality control and checking whether the requirements are being followed.
10. Following up the budget and the planning critically, as well as the administration of the site, including the post calculation. Taking the initiative to report to the project leader on a regular basis.
11. Applying the company's quality standards and norms to the building site.
12. Recognizing the safety risks. Initiating the appropriate measures for safety on the site, controlling them and making sure they are followed up.
13. Organizing independently the technical maintenance of the building in a sustainable way.
14. Communicating and negotiating in writing, orally and graphically with all parties involved, both colleagues and laymen; also in a foreign language.
15. Cooperating positively in a multidisciplinary and multicultural construction team.
16. Looking up scientific and technical information regarding construction in a goal-oriented way and analyzing and assessing its applicability.
17. Showing initiative, responsibility and spirit of enterprise in all assignments. Showing a creative and innovative attitude within a business context.

Remark: With "building project" both buildings and infrastructural jobs in newly-built houses and renovation are meant.