

## BMEEPxxT811 – Complex design 1 – **construction management** part

1. Write a study about the planned construction project – introduce the participants (including the users among others) and their tasks. Describe the positive and negative financial and economic effects of the building.
2. Estimate the costs of the whole construction project using the structure of DIN 276.
3. Make plans for the construction site (general construction site drawings). Collect all the input information and possibilities for the construction site planning (e.g. site characteristics, public utilities, traffic, outline of the planned building, etc.)
4. Make a schedule of the first half of the construction project (phases: Inception phase –initiation, Preliminary analysis, Feasibility study, Tendering+contract / Project preparation, Planning, Preparation of implementation)! The schedule should contain about 30 activities in a form of an MPM network. Use scheduling software (e.g. Gantt project or MS Project).