

## BMEEPxxBD01 – Diploma design BSc– **construction management** part

1. Write a study about the planned construction project – introduce the participants and their tasks.
2. Write a study about the planned construction processes – introduce the applied construction technologies, equipment and tools.
3. Estimate costs of the whole construction project using the structure of DIN 276.
4. Prepare one detailed construction site drawings on any phase of the construction – e.g. earthwork/foundation or construction of loadbearing structures (site plan and section(s) M=1:200 or 250). Write short additional technical description on the details that cannot be seen on the drawings. (E.g. site characteristics, public utilities, traffic, etc.)
5. Make a schedule of the whole construction process (from site set up to the handover)! The schedule should contain approx. 40 activities in a form of an MPM network. Use scheduling software (e.g. ProJack Manager, Open Project or MS Project).