

BMEEPxxT911 – Complex design 2 – **construction management** part

1. Write a study about the planned construction – introduce the applied construction technologies, equipment and tools.
2. Prepare a detailed description of one arbitrary construction technology! Collect all the specification of the materials regarding to the chosen technology.
3. Prepare two detailed construction site drawings on two phases of the construction – e.g. earthwork/foundation and construction of loadbearing structures (site plans and sections 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.)
4. Make a schedule of the whole construction process (from site set up to the handover)! The schedule should contain approx. 50 activities in a form of an MPM network. Use scheduling software (e.g. ProJack Manager or MS Project).