



## **BUILDING CONSTRUCTIONS BC2 SEMESTER PROJECT TASK**

### **1. SUBJECT AND INTENTION OF THE PROJECTS**

Prepare the working drawings of the enclosed multi-storey residential building with traditional loadbearing structures. In the process of the project:

- apply the indication rules and regulations of the working drawings.
- learn the procedure of determination and the joints of different building structures.

### **2. 1<sup>st</sup> TASK and modell**

Prepare the working drawings of the pitched roof for the given multi-storey residential building. The determination of the roof construction and the type of the roof covering are part of the enclosed task paper. The following drawings should be handed in:

- Layout – indicating the different carpentry elements in 1:50
- Longwise section and crosswise sections of the roof in 1:50
- At least 8 details – including the roof coverings, the underlay foil and the loadbearing structures, with attic extension in 1:5

A 1:50 scale model of the roof construction shall be completed as well.

### **3. 2<sup>nd</sup> TASK**

Prepare the working drawings of the foundation system with waterproofing for the given multi-storey residential building.

The following drawings should be handed in:

- Basement floor plan in 1:50
- Plan of the foundation in 1:50
- Section of the basement in 1:50
- At least 8 details in 1:5

The semester project cannot be completed with CAD. If the project is completed on tracing paper, sketches must be submitted in as well.