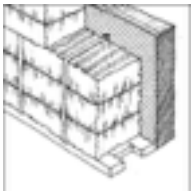

Objectives :

- Have the ability to read and understand architectural plans and construction drawings
- Know different structural options
- Know the dis-/advantatges of every solution

Kind of skills :

- Make a building shedule
- To organize an do the work within the schedule
- To make a cutting list
- Calculate the building costs

Method :

- Lecture/Talk
- Explanations
- Practice

trainer :

place :

Classroom

duration :

3 days

Equipments :

beamer
Flip chart

Theory

- Basics of architectural plans and construction drawings
- Different structural options, characteristics and bale requirements
- Advantatges and disadvantatges of different techniques
- How to prepare a building schedule
- How to make a cutting list
- Calculate the building costs (material, labour ,etc.)

Practice

- Study and develop a case-study comparing the results with other trainees.

Documents :

Info sheet :
I1 Drawing basics
I2 characteristics of different options
I3 Drawings of pros and contras

Text sheet :
X1 Drawing basics
X2 Characteristics of the different options
X3 Organisation of building site and schedule

Exercise sheet:
E1 Make a building schedule
E2 Cutting list
E3 Calculating material and costs
E4 Drawing construction details

Evaluation :

Multiple choice

Organisation :

Prepare a case study for every group of trainees (2-3persons), study it in order to be able to compare it with the results of the participants.