



LECTURES ON-SITE (FIELD TRIPS)

Description of the innovative teaching practice

The innovative teaching practice “Lectures on-site (field trips) will allow learners to visit to building sites and introduce them to construction works and procedures in real civil engineering praxis.

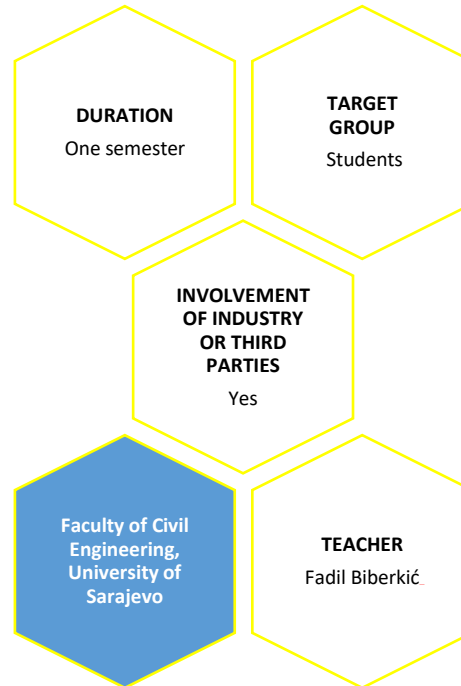
Skills to be acquired/ improved:

Hard skills:

- Computer literacy,
- Structural Engineering analysis programs,
- Multimedia programs,
- Exercises such as assignments to reinforce skills
- Structural Analysis and Finite Element method

Soft skills:

- Critical thinking
- Communication skills
- Exchange of ideas and opinions among students–students and teacher–students; discussions
- Individual learning through practice and feedback (also hard skill)
- Problem solving through trial and error



Methods and techniques

Methods:

- Regular presence on the construction site, e.g. once per week
- Completing construction log
- Direct discussions with engineers and foremen on building-site

Methods for assessment and evaluation of the practice

- Reports
- Presentations at the end of praxis
- Feedback from participants