

Training of Data Collection and Processing for Mentor Teachers

István Simonics

simonics.istvan@tmpk.uni-obuda.hu

Trefort Ágoston Centre for Engineer Education, Óbuda University

Since 2011, we have been educating mentor teachers at Obuda University Trefort Agoston Centre for Engineer Education. Mentor teachers can support the preparation process of our engineer teacher students in secondary vocational schools. This postgraduate course was new for our colleagues as well. It was a challenge to prepare ourselves as best as possible, to give lectures to our Mentor teacher students, who are practical teachers in schools and have good experience in training of their subjects. They have high standard expectations to learn the newest knowledge based on the most modern educational technology.

However, the content of the subject was new for us also, rich in information and relatively “dry”. We had to find the tools and methods to overcome such problems and create attractive training materials. We are well prepared in teaching and learning in Virtual Learning Environments and we have ample in preparing electronic courses in our Centre for Engineer Education. We use Moodle, a Learning Management System which supports the access to electronic materials and presentations, and the process of self-learning. I was responsible of teaching four subjects in last two semesters. In the first semester, I gave examples on how to create good presentations in a “Public affairs knowledge” course. I recognized that data collection and processing was really important for our Mentor teachers in their work and decision making processes. Therefore, I involved them in creating create good presentations, and taught them how to collect data with these technologies, process and transfer them to the audience according to the established idea. I will present some good practice of my mentor teacher students supported by IT Systems in my presentation.