

The PhD thesis of Kelecsényi István

- The content, delivery and method of the simplest material for presentation must be designed.
- Traditional instructional aids primarily provide help to frontal instruction.
- The traditional aids of audio-visual technique can be substituted with a computer.
- Multimedia is not an extension of the choice of the available instructional aids but a complex system demanding a completely new technique of treatment and method of application.
- The result of higher level programming of multimedia primarily supports individual learning, information acquisition, re- and further-training - in up-to-date IT environment.
- Multimedia materials form new cognitive structures.
- The auto-electronics field not yet processed scientifically provides favourable possibilities for methodological, programming-technical and evaluating-controlling experiments, researches.
- The purpose of experiments based on research in the analysis of multimedia designing programmes, application and fitting them into the vocational training process.
- The technological solutions and methods should be sought which can be highlighted for the teachers of auto-electronics field.