SUMMARY OF NEW CONCLUSIONS OF PHD THESIS

Title: Online Instructional Technology Based on Learning Styles
Speciality: Theory and Method of Teaching the Industrial Technique Subject
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New conclusions

- The theoretical framework of online instructional technology according to learning styles contributes to the feasibility and efficiency of the online learning. The basic elements for developing an online learning environment based on learning styles are studied as online learning means, online learning methods and online learning skills.
- The online learning environment based on learning styles are builded according to Learning Orientation Model studied on online learner's styles. The characteristics of four learning styles in LOM are fundamentals for desinging learning means, selecting the learning methods and building the online learning environment based on learning styles. The solutions for desinging these adaptive learning environments based on instructional technology ensure the co-operation of educational and technological aspects to implement the online learning.
- The results of the experimental testing affirm the appropriate of the thesis hypothesis. Depending on the learner's ability in each subject, he will be recommended to study in a suitable environment.

Online learning is the trend of learning in the 21st century. However, to deploy effectively online learning in Vietnam, the training institutions should have plans for fostering awareness, preparing the conditions of work, developing the designed skills as well as learning management skills so that teachers and students be able to approach easily to the online learning; Combining synchronous the technological requirements and the pedagogical requirements in designing an online course; To success in online teaching, it is necessary to invest in researching and developing the solutions of simulations, especially in online simulations.

Advisor **PhD Student**