



Course Syllabus

1. Course Title:

Vocational Training Technologies

2. Academic Level:

Doctoral

3. ECTS Credits:

3 ECTS

4. Semester:

3, autumn semester

5. School/Department:

Academy of Psychology and Pedagogy

6. Location:

116 Dneprovsky Lane, Rostov-on-Don

7. Instructor:

Prof. Olga Galustyan, email: ovgalustyan@sfedu.ru

8. Language of Instruction:

English

9. Course Description:

The purpose of the discipline is preparation of PhD Students for study, modernization and development of innovative processes training based on modern methods and educational technologies.

10. Course Aims:

The aims of the discipline are formation of PhD Students' competencies in the development, configuration, and methods of using modern educational technologies in the context of professional activities.

11. Specific entry requirements (if any):

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12. Course Content:

Classification of modern teaching methods and educational technologies.

Information and communication component of the educational process in vocational education.

13. Intended Learning Outcomes:

Skills in determining the goals of training, its content, conducting structuring of educational material, selection and ordering of educational information.

14. Learning and Teaching Methods:

lectures, seminars, tutorial, project supervision, demonstration, practical classes, workshops

15. Methods of Assessment/Final assessment information:

Project task / Final assessment – pass-fail test.

16. Reading List:

Lucignano, L. (2018). Augmented Reality to Facilitate a Conceptual Understanding of Statics in Vocational Education. Doctoral Dissertation, École polytechnique fédérale de Lausanne, Lausanne, Switzerland

Motta, E. (2015). Social Regulation in Collaborative Learning Supported by Technology-Enhanced Pedagogical Scenarios. Lessons learned from research conducted in Vocational Education and Training Programmes. Doctoral Dissertation, University of Fribourg, Fribourg, Switzerland.

Ortoleva, G. (2014). Writing to share, sharing to learn: Technology-enhanced learning activities to foster professional development in initial vocational education. Doctoral Dissertation, University of Geneva, Switzerland.

Shrivani Boroujeni, M. (2018). Discovering Interaction Patterns in Online Learning Environments: A Learning Analytics Research. Doctoral Dissertation, École polytechnique fédérale de Lausanne, Lausanne, Switzerland.

Zufferey, G. (2010). Hybrid interfaces: extending tangible user interfaces with paper. Doctoral Dissertation, École polytechnique fédérale de Lausanne, Lausanne, Switzerland.