



## Capacity Building in Higher Education



### Innovative ICT Education for Social-Economic Development (IESED)

574283-EPP-1-2016-1-LT-EPPKA2-CBHE-JP

#### ***INTERNSHIP “INNOVATIVE STUDY METHODS” PARTICIPANT REPORT (SBMT)***

**Venue:** University of Economy in Bydgoszcz, Poland *ul. Garbary 2; 85 - 229 Bydgoszcz, Poland*

**Date:** 17 – 21 July 2017(24 – 28 July 2017)

#### **Summary of personal reports**

##### **1. What new competencies have you acquired during the internship “INNOVATIVE STUDY METHODS”?**

1. Improved the competence in applying innovative methods and technologies in teaching IT disciplines.
2. Improved the competence in practice-oriented approach in classroom, as well as tools and methods for distance learning.
3. With reference to competence of social interaction with the team, received additional motivation to develop new team projects.
4. Improved presentation skills.
5. Improved professional English speaking skills.
6. Widened knowledge in design of educational programs according to Bologna process.
7. Gained practical aspects of using learning management system platforms.
8. Gained practical aspects of using Instant messengers (Skype, Google Hangout) in distance learning.
10. Got knowledge in using “Robotics” in teaching process.
11. Got knowledge in education programs for citizens aged 50+, summer internships for students.
12. Learned about work of the technological incubator, capabilities of the industrial-educational cluster for improving the quality of training specialists.
13. Learned principles of organizing the students’ project activity with the participation of future employers.
14. Exchanged experience on design of various didactic materials.
15. Improved the competence in organizing cooperation between an educational institution and IT companies and other potential employers.
16. Learned methods of "inverted" training.
17. Improved competence in gamification of educational process.

##### **2. What kind of the modern Information and Communication Technology tools, demonstrated during the internship, will you apply in the study process of training specialists?**

1. Learning management system platforms, project management systems, information systems on the educational achievements of students.

2. Distance learning technologies: remote access to laboratories, videoconferencing with Instant Messaging (Skype, Google Hangouts).
3. asana.com as a resource for planning and controlling joint team activities (department, teachers, etc.). Such resources allow to automate the workflow and track implementation at all stages, as well as provide the opportunity for joint work, openness and speed.
4. Will expand possibilities of using LMS to organize e-learning and support training, knowledge and communication of participants in the learning process.
5. Simulation games.
6. Building a network for resource sharing between partners.
7. Methods of blended learning and inverted learning.

**3. How will you apply the innovative study methods /approaches/ good practices, acquired during the internship, at your university?**

1. Working on the e-learning system of SBMT to expand the capabilities of educational electronic resources
2. In conducting lectures and practical classes.
3. In professional orientation of students, in organizing and coordinating the scientific activity of students.
4. In using LMS to support the educational process
5. By increasing the number of practical assignments for project groups.
6. By expanding cooperation with IT companies for organizing student excursions.
7. By organizing interuniversity project in the course "E- Business".

**4. How will you apply the gained knowledge and skills in preparing the new courses at your university? Will you include new topics with innovative study methods in the new courses for updating the programmes?**

1. Study of robotic intellectual systems can be introduced into the educational program of specialty "Information Resource Management", as in modern conditions it is in demand in almost all spheres.
2. Study of e-government technologies in various spheres of the economy can be included in the course.
3. Courses also will be filled with more practical tasks and project work.
4. Discussed new methods of training using videoconferences with the appropriate software and technical support will be added to the courses and use of RFID tags include the in the training program.
5. Questions will be used not only as test of knowledge, but also as learning tool in frames of the course.
6. Simulators on different topics of IT courses will be developed, which will demonstrate working of computer programs and other systems in depths.
7. Electronic feedback form for each course will be developed.

**5. Suggestions and comments:**

Internship "Innovative Study methods" was held at a high level. The atmosphere, created during the internship, was comfortable and friendly. All the speakers tried their best to present their materials in detail, which were very modern and useful for improving the quality of training specialists in our university. At the same time would recommend more practical classes in the program, more real examples of distance learning courses in LMS. Since we have our own successful experience in implementing and using such platform to support blended learning, we would like to compare our approaches. Also would be nice to see examples of the video content.

Thank you for your time. Your comments will enable us to better plan and execute future internships and tailor them to meet your needs.



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