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## COOPERATION WITH UNIVERSITIES OF CENTRAL ASIA AND EU ON THE BASIS OF INTERNATIONAL EDUCATIONAL PROJECTS

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The development of competencies is an object of the learning process and the educational program. International cooperation between universities opens up new opportunities for the dissemination of the advanced experience gained in developing requirements for the competencies of teachers of a modern university.

Developed and implemented by the project team of Fergana State University on TEMPUS / ERASMUS+ programs in 2005–2018. EUTraCeFer – Europa – Uzbek Training Center of Vocational Teachers (2007–2009), UnivEnt -Enhancement of Role of Universities in Transfer of innovations into Enterprise (2010–2013), ModeHEd – Modernizing of Health Education in Universities (2015–2018) gaining rich experience of cooperation with universities of the countries, exchange of students and professors, creation of many specially equipped teaching and research

laboratories, comparison and development of textbooks and teaching materials.

On the basis of the Erasmus+ project as ModeHEd – we investigated the international cooperation with EU universities on the development and enhancement of professional competence of universities teaching staff in Uzbekistan and Kazakhstan.

Partners from EU: Germany – HTWK Leipzig, (HTWK Leipzig) – Grantholder, Slovakia-University Pavol Jojef Shafarik, (UPJS), Czechia Charles University of Prague (CUNI).

Partners from Uzbekistan: FerSU – local coordinator, TMA, Buhara State Medical Institute – BuhSMI, Uzbek Sport and Physical Culture Institute – UzSPhCI, AndSU, NamSU, KSPI and two non academic organization – Uzbek Medical – Pedagogical Association – UzMPA, Center of Development of Medical Education within Ministry of Healthcare of Uzbekistan – CDME.

Partners from Kazakhstan: S.D.Asfendiyarov Kazakh Nat. Medical University – KNMU, South Kaz. St. Pharmaceutical Academy – SKPHA, Kaz St. Womens Teacher Training Institute – KSWTTI.

The relationship of mutual cooperation continues during and after the end of the project and ensures the successful sustainability of the project, as well as achieve a "multiplier effect" of the project results, when the partners themselves are already conducting inter-partnership relations – academic exchange under the Erasmus+ program, which has already become traditional for European students and teachers after the end of the project.

As a result of the academic mobility of the teaching staff at TMA, BuhSMI, several textbooks for students were published together with international colleagues, namely with HTWK Leipzig, UPJS, and CUNI. BuhSMI has been interacting with UPJS within the framework of the Erasmus+ program since 2016. During this period, there have been multiple exchanges between teachers and students. On April 29, 2019, a visit of a delegation began, which included Prof. Dr. S. Tomaschikova, Head of the Department of British and American Studies, Assoc. Prof. Timkova, Prof. J. Macheyova, The visit took place within the framework of the BGMI and Erasmus+.

The European Council identifies five basic competencies in the context of preparation of university teachers:

- 1. Political and social competence.
- 2. Competence regarding life in the multicultural society.
- 3. Competence, determining ownership of oral and written communication.

- 4. Competences related to emergence of the information society.
- 5. Competence to implement the ability and desire to life-long learning.

In lectures, training demonstrations and presentations, and during visits to clinical laboratories at the study tour of November 20–30, 2016 at UPJS and CUNI project partners from universities of Uzbekistan have learned a lot about the European educational area, teaching health and social subjects for medical universities in the EU. Particularly open discussion after each presentation by Prof. D. Pell, Prof. A. Madarasova, Dr. I. Razhnikova, Prof. P. Krcho, Dr. P.Urdzik, Dr. R. Morochovich, Dr. J.Majernik were useful.

A large field for discussions, analysis and generalizations for implementers, who had long debates on the issue of development and introduction of the multimedia component of the upgraded training courses in CUNI, was given by a master classes conducted by a technical coordinator of CESNET, Eduroam, T. Kosnar – "Academic network Geant, Eduroam infrastructure", D. Horvath – "E-books and electronic information sources" (www.academia.edu, www.researchgate.net.), Prof. J. Kofranek – "Interactive game blood circulation model" (www.physiomodel.org, www.physiome.org, www.physiome.cz/atlas/), Prof S. Stipek – "Medical faculties in education network (MEFANET)-Web of trust", C. Stuka – "WikiSkripta-open educational resource. The interdisciplinary Internet tutorial www.wikiskripta.eu/index.php/Home".

The ModeHEd project aims to modernize 8 courses and to teach methods in health care, which are taught in universities:

- "Valeology",
- "Basics of medical knowledge",
- "Age Physiology and hygiene", "Sports medicine and hygiene of physical culture",
- "Physiotherapy and Hygiene of physical culture" for non-medical universities,
  - "Public health and public health management"
  - , "Improvement of pre-hospital first aid",
  - "Physiology" for medical universities.

According to the project work plan, layouts on modernized training courses are prepared aimed at improving the efficiency of the educational process; development (learning, self-education, self-development, creativity, ability to apply the acquired knowledge in practice) of communication skills. Feature of these training courses is the multimedia section for each chapter. However, it must be acknowledged that even the best multimedia tutorials, or electronic textbooks could not and should not

be a substitute for real communication, they only are effective assistants, allowing to improve quality of education and make more objective and clear control of the learning material. Therefore, it is important to organize the work of the students. The use of multimedia can help boost their cognitive interest and promote and empower their independent work. However, it must be acknowledged that even the best multimedia tutorials, or electronic textbooks could not and should not be a substitute for real communication, they only are effective assistants, allowing to improve quality of education and make more objective and clear control of the learning material.

December 12, 2017 at HTWK Leipzig in the Workshop of all Partners, it was concluded that professional competence is an integral concept, which includes the following types of competences:

- Educational-cognitive competence a set of abilities and skills for cognitive activity;
- Information competence is the ability of using information technology to search, analyze, select, process and transmit necessary information;
- Communicative competence it is a skills of interaction with other people, the ability for a group work, familiarity with different social roles.

Without the development of professional competence, it would be impossible for each participant of the project to make a good contribution to the pedagogical activity.

Active participation in international projects, creative comparison of its professional competence and colleagues from EU universities, analyzes of this comparison leads to the conclusion that in the current conditions it is necessary to form not only competent but also competitive identity.

Thus, the modern paradigm of the development of the higher education system makes special demands on the level of development of professional competence of university teachers, in which it is important to gain experience in cooperation with EU universities, domestic universities and other organizations on the basis of international educational and social projects. Only under such conditions can the development of the higher education system and the training of competitive personnel for all spheres of society be ensured.

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# DEVELOPMENT TRENDS AND SPECIFIC FEATURES OF SERVICE INDUSTRIES DURING THE TRANSITION TO THE PATH OF INNOVATIVE DEVELOPMENT

### INNOVASION TARAQQIYOT YOʻLIGA OʻTISH DAVRIDA XIZMAT KOʻRSATISH SOHALARINING RIVOJLANISH TENDENSIYALARI VA OʻZIGA XOS XUSUSIYATLARI

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Iqtisodiyotni innovasion rivojlantirish sharoitida xizmatlar sohasini rivojlantirish tobora muhim ahamiyat kasb etib bormoqda. Bugungi zamonaviy sharoitlarda xizmat koʻrsatishning ulushi keskin oshib bormoqda.

"Xizmatlar sohasi rivojlangan zamonaviy infratuzilmaga postindustrial iqtisodiy jamiyatda xos. Aynan rivojlangan davlatlarda ish bilan band bo'lganlarning 60 foizidan ortigrog'i xizmat ko'rsatish band". Xizmatlar sohasi har bir tarmoq sohalarida samaradorligini ta'minlashda yuksak intellekt, zamonaviy mahorat talab qiladigan kichik bo'g'in, lekin globall muammolarni hal qilishda asosiy zanjir vazifasini ham o'taydi. Jahon mamlakatlarida xizmatlar sohasining yalpi ichki mahsulotdagi ulushi o'rtacha 61 foizni tashkil etdi. Mamlakatimizda bu koʻrsatkich 36foizdir. Lekin 86 foiz qoʻshimcha qiymat shu sohada yaratiladi. "Zamonaviy sharoitda xizmat ko'rsatish sohasini o'rganish prisipial ahamiyatga ega"