

TECHNICAL UNIVERSITY OF KOŠICE (SLOVAKIA)
UNIVERSITY DTI (SLOVAKIA)

CERTIFICATE

Reg. No SK 9274 / 29.02.2020

of

VITALII KRAVCHENKO

For successfully completed qualification improvement on the topic of:

"ASSOCIATION AGREEMENT: DRIVING INTEGRATIONAL CHANGES"

Workload: Contact 30 hours, Independent work 60 hours

Awarded 3 (three) ECTS credits for examination result: Excellent A



Dr.h.c. mult. prof. Ing.
Miroslav BADIDA,
PhD. Director of Institute of Power and Process Engineering,
Faculty of Mechanical Engineering, Technical University of Kosice,
Slovakia

Ph.D. in Technology,
Associate Professor
PETR JAKUBEK,
Doctor of Economic Sciences
Quaestor of the University DTI,
Slovakia

Dr.h.c. prof. Ing.,
MIROSLAV KELEMEN,
DrSc. MBA, LL.M., Brigadier General ret.
Professor of the Faculty of Aeronautics of the Technical University of Kosice,
Slovakia



and science of Ukraine in the context of the implementation of international cooperation programmes of the EU	youth <ul style="list-style-type: none"> • Students' scientific school and community of young scientists • The development of the higher education sector in society • Modernization of education in Ukraine in the context of national security 	
Module 3. The main directions of cooperation in the sphere of science and technologies defined in the Agreement	<ul style="list-style-type: none"> • Involvement of Ukraine into the European research area • International exchanges and cooperation in the field of informal education for young people • The approach of politics and law of Ukraine in the field of science and technology to EU standards • Educational Security • International stability and security 	8
Module 4. Publications Scopus та Web of Science	<ul style="list-style-type: none"> • Self-publishing issues and ways to overcome them • Choosing a quality scientific publication Scopus and Web of Science • Increasing own recognition in the international scientific community 	4
Module 5. Science as the basis of the educational process – in the direction of work of each participant	<ul style="list-style-type: none"> • The writing of scientific work and publication • Participation in the work of the scientific forum • Preparation of presentation materials on the subject of the qualification • The protection of scientific work in the field of vocational training in the context of international experience 	6
		30

5. Learning outcomes

- ability and skills to communicate in a dialogue mode with the wider scientific community and the public in the field of research or professional activities to discuss controversial issues, the results of the study, coordination and collaboration at conferences, scientific seminars;
- knowledge and understanding of a foreign language, and skills to use for the presentation of scientific results; the ability and skills to communicate in a foreign academic and professional environments, ability to work in an international context;
- ability to create new knowledge, through original research, the quality of which meets the requirements of the national and international levels; a knowledge of methods of research and the ability to analyze the complexity of the systems studied, to understand the complexity of the optimization problems of these systems and their elements and to improve the methods of their realization;
- skills publicly present and defend their findings, discuss them and debate with the scientific and professional community; to use modern means of visual presentation of research results, participate in critical dialogue;
- ability and skills to carry out critical analysis of different information sources for specific educational, academic and professional texts in the field of the chosen specialty, identify theoretical and practical problems and controversial issues in the field of specific educational, scientific and professional issues of pedagogy, to identify, formulate and solve research tasks and problems;
- knowledge and understanding of the structure of higher education in Ukraine, specificity of professional-pedagogical activity of teachers of higher education; the ability to use the legislative and normative-legal provision of higher education, modern means and technologies of the organization and implementation of the educational process, different aspects of educational work with students, innovative teaching methods; the ability to use the legislative and normative-legal provision of higher education;
- the ability to build strategy and tactics for professional growth of the high school teaching employee; effectively form a communication strategy in a professional environment, be responsible for the results of professional activities;
- ability to demonstrate high social responsibility and adherence to the principles of academic honesty.

6. Training mode: correspondence, distance and full-time.

7. Scheduled training activities:

- 5.1. Independent work on the preparation of scientific reports by each participant.
- 5.2. Distance training and extracurricular work.
- 5.3. Participation in the international scientific-practical forum with the presentation of the scientific report.
- 5.4. Participation in trainings, methodical seminar, round table

8. Training methods: lectures, discussions, trainings, scientific and methodological seminars, presentations.

9. Language of instruction: English, Ukrainian, Slovak, Russian.

10. Form of completion of the course: the defense of the scientific report.

Scientific leaders of the course:

Dr.h.c. prof. Ing., DrSc. MBA, LL.M. **Myroslav Kelemen**

Doctor of Economic Sciences, Associate Professor **Petr Jakubek**

Dr.h.c. mult., Ing. Candidate of Engineering Sciences, Professor **Miroslav Badida**

Doctor of Economic Sciences, Professor **Dymytrii Grytsyshen**

Dr.h.c. prof. Doctor of Sciences in Public Administration **Olga Rudenko**

Candidate of Juridical Sciences, Associate Professor **Maryna Dei**

The validity of the certificate can be checked on website www.centresipd.com

According to the Law of Ukraine «ON PROTECTION OF PERSONAL DATA» the recipient of the appropriate certificate voluntarily gives his consent to the processing of personal data.

TECHNICAL UNIVERSITY OF KOŠICE (SLOVAKIA)
UNIVERSITY DTI (SLOVAKIA)

CERTIFICATE SUPPLEMENT

Reg. № SK 9274 / 29.02.2020

of *Vitalii Kravchenko*

in which was the professional development program in 90 hours by the course
«**INNOVATIONS IN NATURAL SCIENCES, AGRICULTURE AND EDUCATION**»





**TRAINING PROGRAM
of professional development program**

Professional direction:	International Internship
Course topics:	«ASSOCIATION AGREEMENT: MOVING INTEGRATION CHANGES»
Course completion document:	CERTIFICATE
Course duration:	90 hours
Total load:	30 class hours; 60 hours of distance learning
Ultimate result:	Credit (public speaking)
International internship period:	01.12.2019-22.02.2020 Distance learning on the platform https://ppo.mk.ua/course/index.php?categoryid=147 23.02.2020-29.02.2020 Full-time study
ECTS	3

Program developers:

Dr.h.c. prof. Ing. *Myroslav Kelemen*, DrSc., MBA, LL.M., Brigadier General ret. (Technical University of Košice, Professor of Faculty of Aeronautics), Slovakia
 Doctor of Economic Sciences, Associate Professor *Petr Jakubek*, Ph.D. in Technology, (DTI university, Dubnitsa nad Vahom, questor, member of the Government), Slovakia
 Dr.h.c. mult. prof. Ing. *Miroslav Badida*, Ph.D. (Regional office of the Ukrainian technological academy in Slovakia, director), Slovakia
Badri Gecbaia, Doctor of Economics, Associate Professor (Batumi Shota Rustaveli state University, Dean of the Faculty; National institute of economic research, director), Georgia
Dymytrii Grytysyhen, Doctor of Economic Sciences, Professor (Zhytomyr Polytechnic State University, dean of the Faculty of Public Administration and Law), Ukraine
Maryna Kanavets, Candidate of Sciences in Public Administration (Center for Adaptation of the Civil Service to the Standards of the European Union, Director), Ukraine
Olga Rudenko, Doctor of Sciences in Public Administration, Professor (Chernihiv National University of Technology, director of Scientific Research Institute of Public Administration and Management), Ukraine
Halyna Kaplenko, Candidate of Economic Sciences, Associate professor (The Ivan Franko National University of Lviv, Associate Professor of Economic Theory Department), Ukraine
Maryna Dei, Candidate of Juridical Sciences, Associate Professor (National aviation university), Ukraine

1. The concept of qualification improvement:

The main idea is the mastering, updating and deepening by participants of special professional, scientific and methodological, pedagogical, social and humanitarian, psychological, legal, economic and managerial competencies, including the study of domestic and foreign experience, which contributes to the qualitative performance of their official duties, extension of their competence.

The purpose of the international internship is to consolidate the experience of scientists and practitioners of Ukraine and the European Union member states, working towards the development of theoretical, scientific and practical approaches to improving the efficiency of the education system, problems of implementation of the Association Agreement between Ukraine and the European Union member states in the professional sector of each member.

Main tasks:

- establishing contacts with universities in relevant fields;
- increasing professional competences in various scientific fields;
- exchange of experience of European achievements in the field of didactics and education in higher education institutions;
- presentation of scientific developments and achievements of the European scientific and educational platform;
- obtaining additional and improving existing knowledge and skills in the main areas of professional activity;
- activation of individual activity and personal development in terms of correspondence and distance learning.

2. The professional competences:

General (universal) competences	
<i>General academic competence</i>	the ability to learn and to master modern knowledge, in particular, innovative methodological approaches, modern systems, methods, technologies of training and development
<i>Information-analytical competence</i>	the ability to use modern means of information and computer technologies for the solution of communicative tasks in the teacher's professional activity and everyday life
<i>Research competence</i>	competence in conducting scientific research on a high theoretical and methodological level, making informed decisions, solving problems and solving scientific and applied problems; ability to work with modern bibliographic and abstracts databases, as well as science metric platforms
<i>Creativity</i>	the ability to generate new scientific-theoretical and practically oriented ideas, to seek their own solutions to problems, to formulate and experimentally test scientific hypotheses, to produce new approaches to generate and implement new mechanisms
<i>Cognitive flexibility</i>	the ability to acquire new knowledge, skills and integrate them with existing ones; the ability to analyze a phenomenon, a situation, a problem, considering various parameters, factors, causes; the ability to adapt thinking to solving problems in different conditions and various situations
<i>Communicative competence</i>	ability to communicate in the state language on the official level; to master normative literary speaking skills (oral and written) in various fields of communication; the ability to control the varieties of verbal communication styles in the situations of preventing and solving conflicts
<i>Communication skills in using a foreign language</i>	the ability to use a foreign language for the presentation of scientific results, to communicate with foreign scientific and professional environment
<i>Coordination</i>	ability and willingness to carry out collective projects, to take responsibility for the execution of tasks of separate groups; the ability to debate arguments defending your point of view
<i>Ethical competence</i>	the ability to work in a scientific and professional group on the basis of principles and norms of ethics, rules of cultural behavior in relationships; to adhere to the principles of pedagogical ethics
<i>Civic competence</i>	the ability to actively, responsibly and effectively implement civil rights and obligations; navigate the challenges of modern social and political life in Ukraine, apply procedures and technologies to protect personal interests, rights and freedoms as well as other citizens
<i>Emotional intelligence</i>	awareness of own emotional state, self-control and self-regulation; self-esteem and confidence; the ability to overcome difficulties, stress; the general optimistic attitude, initiative, desire for a positive result

Special (professional) competence

- conducting scientific researches based on the latest achievements of modern theory and knowledge based on the current state of socio-political development
- ability to exercise initiatives regarding the implementation and practical use of research results
- the ability to search, processing and analysis of necessary information for the solution of educational, scientific and professional tasks from various sources keeping to ethical and legal standards; skills in the use of information-communication, computer technologies as a tool for acquisition of knowledge and skills, as well as the presentation of problems, challenges, generally known or own results, etc
- public presentation and defence of research results
- the ability to develop projects through the creative application of existing and/or generate new legal ideas; the ability to develop new and/or improvement of existing legal methods of analysis, modelling, forecasting, solving new problems in new fields of knowledge
- ability to management of educational activity for training specialists using the developed system of didactic means; the ability to implement effective educational technologies, interactive teaching methods
- ability to transfer theoretical and legal knowledge in the application plan, to develop new approaches for the implementation of professional activities
- the ability to use knowledge and skills from the training circle, which is the theoretical basis of building the content of the educational fields
- the ability to think critically about global trends, complex processes and phenomena in the system of higher education and applying integrated approaches to their analysis and forecasting
- the ability to use traditional and modern forms, methods and techniques of training and education, and their didactic possibilities; the main directions and prospects for the upgrade and development of national education and pedagogy; ways of searching, systematization, generalization and use of information
- ability to apply knowledge related to social structure and national characteristics of the society, with the features of social roles; the ability to navigate in social situations
- the ability to actualize and apply communication knowledge, skills, abilities, attitudes, strategies and tactics of communicative behavior, the experience of communicative activity and individual psychological personality traits for the successful implementation of specific pedagogical conditions of communicative activities
- the ability to dialogue and interaction with colleagues, wider academic community and the public at national and international level to implement an innovative project or solving scientific or practical problems
- the ability to self-education and professional development for pedagogical activities; the ability to self-examination and correction of the teaching activities, self-management, self-development

3. Curriculum:

Direction	Audit	Non-audit
<i>Distance course</i> - the study of the organizational structure of partner universities; familiarization with their educational and methodological support and training programs; studying of experience of distance education and passing of a remote course		16
<i>Work with the electronic library fund</i>		6
<i>Introduction to the virtual lecture courses</i> of university partner teachers		8
<i>Preparation of the publication</i> in the section of the collective monograph on the chosen direction, preparation of presentation materials on the subject of qualification improvement		30
Module 1		
Mitap "Indicators of measuring key indexes of high schools performance efficiency"	2	
Scientific seminar "European standards and recommendations concerning education quality provision"	2	
Training "Requirements to the system of internal providing quality of higher education. Motivation system"	2	
Training "Increasing the level of training the specialists and providing adherence to the norms of integrity"	2	
Module 2		
Training "Basics and procedure of conducting accreditation of educational programmes, training higher education applicants"	2	
Panel discussion "Approaching politics and law of Ukraine in the scientific sphere and technologies to the EU standards"	2	
Module 3		
Scientific discussion "International exchanges and cooperation in the field of non-formal education for youth"	2	
Roundtable on "Development of the Higher Education Sector in Society"	2	
Methodological seminar «Directions of the international dimension of the Programme ERASMUS+»	4	
Module 4		
Training "The difficulty for scientists during independent publication"	2	
Training "How to improve their own recognition in the scientific world"	2	
Module 5		
Protection of scientific work towards vocational training in the context of international experience in the international Forum "Association Agreement: Driving Forces of Intergration"	6	
	30	60

4. Annotation and content of the classroom course:

Module theme	Module content	Audit
<i>Module 1.</i> The European quality assurance system of higher education	<ul style="list-style-type: none"> • European standards for internal quality assurance in higher education • The system of external quality assurance • The principles and values of academic virtue • Changes in scientific management • National security criteria in the field of education 	8
<i>Module 2.</i> Internationalization of higher education	<ul style="list-style-type: none"> • European educational programs and projects: opportunities for Ukraine • Strengthening intellectual, cultural, social and scientific-technical potential of the 	4