



Periodical Report
6 Months of project
implementation

Crisis and Risk Engineering for Transport Services

This project has been funded with support from the European Commission. This presentation reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained there in.

State Higher Education Institution “Pryazovskyi State Technical University”, Transport Technology Faculty



Co-funded by the
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Joint Project: Capacity Building in the Field
of Higher Education ERASMUS+ 2018

Ihor Pirch,
Coordinator for PSTU,
Dean of the Transport Technologies Faculty

Positive changes/benefits at PSTU as the result of the implemented CRENG activities



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- Stakeholders involved in education process and evaluation of developed curricular and project results
- CRENG+ gives students practical orientation and future guaranty employment
- Student-cantered education in action
- Sharing the best European practices for all PSTU faculties
- Thanks to zoom master classes, level of English speaking increased for teachers and students



MA Program development



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1. Person(s) responsible for development:

- Iryna Nikolaienko, Associate Professor of Department Organization of International Transportation and Logistics
- Marina Khara, Associated Prof. of The Dept of the Transport technologies of enterprises
- Natalia Zakharenko Ph D, Dean of the Faculty of Transport Technologies SHEI "PSTU"

2. 100 % of CRENG MA program developed

3. CRENG MA program approved by Scientific Counsel of PSTU according national Law

4. Estimated date of students' enrolment on new MA program 01/09/2020



Courses Development



Course No	Title of the course	Number of ECTS	Name of the person(s) responsible for + email	Teachers have completed trainings regarding the course	percentage of course description development	percentage of lecture notes/ presentations development	percentage of course work methodology development	percentage of practical/ laboratory work methodology development	percentage of Moodle course development	percentage of equipment and software	content, that is planned to be delivered in English
1	New technologies and big data for innovations in crisis and risk management + IT Security	4	Andriy Lamzyn alyamzin7791@gmail.com	home	100	100	100	100	100	100	20
2	Risk and crisis forecast, Analysis and Reduction Methods and Tools	4	Valeriia Voropai vvoropay86@gmail.com	EU	100	100	100	100	100	100	20
3	Simulation of complex transport processes and systems that operate in conditions of risks	5	Andriy Lamzyn alyamzin7791@gmail.com	home	100	100	100	100	100	100	20
4	Human Factors in Design & Operations	5	Olga Khlestova helga26122016@gmail.com	home	100	100	100	100	20	100	20
5	Humanitarian logistics and transport services in disasters conditions	4	Ukrainskyi Yevhen e.a.ukrainskyi@gmail.com	EU	100	100	100	100	100	100	20
6	Informational-Analytic and Diagnostics for Sociotechnical System	4	Andriy Lamzyn alyamzin7791@gmail.com	home	100	100	100	100	100	100	20
7	Risk and crisis engineering of Transport systems	4	Iryna Nikolaenko iryna.vnikolaenko@gmail.com	EU	100	100	100	100	100	100	20
8	New challenges for crisis and risk management in logistics systems	5	Iryna Nikolaenko iryna.vnikolaenko@gmail.com	EU	100	100	100	100	100	100	20
9	Supply chain management and networks	5	Mykhailo Pomazkov Pomazkovmik1@gmail.com	EU	100	100	100	100	100	100	20
10	Health, Safety & Environmental Management Systems	4	Olga Khlestova helga26122016@gmail.com	home	100	100	100	100	20	100	
11	Project management and leadership in logistics and research, through open communication and team-working	4	Burlakova Galina galochkagoogl@gmail.com	EU	100	100	100	100	100	100	
12	Research methods and professional development	5	Ganna Maslak avmaslak81@gmail.com	EU	100	100	100	100	100	100	20



CRENG INTERNATIONAL TEXT-BOOK



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1	Title of Chapter developed, by your university	Supply Chain Management and Networks
2	Name of the person(s) responsible for redacting (name, position, e-mail)	<ol style="list-style-type: none"> 1. Maryna Khara, Associate professor of the Transport Technologies of Industrial Enterprises Department, Deputy Dean of the Faculty of Transport Technologies haramarina4691@gmail.com 1. Iryna Nikolaienko, Associate Professor of the Department of Technologies of International Transportation and Logistics at Priazovskyi State Technical University) iryna.vnikolaienko@gmail.com
3	Team of authors (name, position)	<ol style="list-style-type: none"> 1. Natalia Zakharenko, Associate Professor, Dean of the Faculty of Transport Technologies Ph.D. 2. Andriy Lamzyn, Head of the Department Organization of International Transportation and Logistics , Associate Professor; Ph.D. 1. Maryna Khara, Associate professor of the Transport Technologies of Industrial Enterprises Department Deputy Dean of the Faculty of Transport Technologies) 2. Iryna Nikolaienko, Associate Professor of the Department of Technologies of International Transportation and Logistics
4	Draft of Chapter content/ plan	<ol style="list-style-type: none"> 1. Methodological Provisions and Business Bases of the Supply Chain Management. 2. Development Trends of the Supply Chains and Networks. 3. Enterprises Internal Activities and Relationships with Partners in the Supply Chains and Networks. 4. Logistic Services in the Supply Chains. 5. Logistics and Transportation Procedure.
	Date of the first draft of the Chapter completion	December 2020



PROJECT BASED LEARNING (PBL)



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Responsible person(s) for PBL

MYKHAILO POMAZKOV, Associated Professor of the Department of Organization of International Transportation and Logistics

CRENG courses, where PBL methodology will be implemented

Informational-Analytic and Diagnostics for Sociotechnical System

Drafts topics of future PBL projects

Study of the peculiarities of the implementation of digitalization principles in solving problems of ensuring the environmental safety of transport streams.

Implementation of the rules of the Pareto law in the system of ensuring the technogenic safety of traffic flows in the environment of industrial zones.



SKILLS WALLET (SW)



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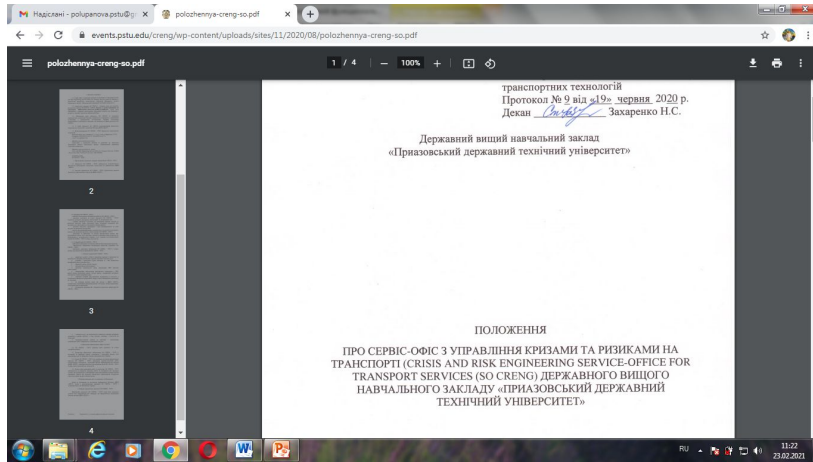
1. Responsible person - Andriy Lyamzin
2. Number of SW students – 4
3. Employers, involved in SW
 - LLC "Research and Production Firm GD-Drive"
 - LLC "SPS-SNAB"
 - LLC "IRBEST"
 - LLC "LINDAY"
 - LLC "DENMAR"
 - LLC UKR-TECHSNAB



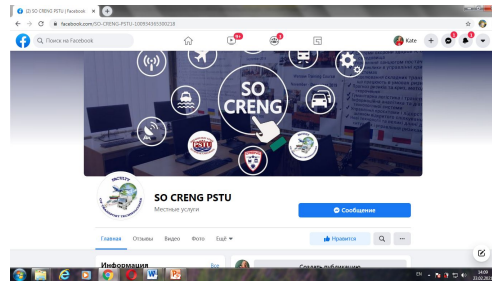
CRENG Service Office



CRENG SO regulations approved at institutional level
<https://events.pstu.edu/creng/wp-content/uploads/sites/11/2020/08/polozhennya-creng-so.pdf>



CRENG SO business plan/ work plan approved at institutional level
<https://events.pstu.edu/creng/wp-content/uploads/sites/11/2021/01/byznes-plan-so-creng.pdf>





MA programm Quality indicators

- The uniqueness of the work program.
- Work program mobility.
- Correspondence
- Employment rate of the stakeholder.

Course Quality indicators

Assessment of disclosure of competencies of the educational program taking into account the level of:

- sociability of the teacher
- mastery of modern teaching technologies in the conditions of different in nature risks
- mastery of the teacher of modern realities of the industry system
- of the formed environment of psycho-emotional comfort in the feedback system of the student and the teacher





Thank you for you attention!



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Andryi Liamzyn
Coordinator for PSTU,