



**Joint Project: Capacity Building in
the Field of Higher Education
ERASMUS+ 2018**

**Crisis and Risks
Engineering for
Transport Services**

**Institute of Telecommunication and Informatics of
Turkmenistan, faculty of Digital Economy and
Management**



Co-funded by the
Erasmus+ Programme
of the European Union

Ashgabat, 2019

**Head of department of management
and innovation technologies
/Sapargul Valiyeva**



Work plan



TÜRKMENISTANYŇ BILIM MINISTRIGI
TÜRKMENISTANYŇ TELEKOMMUNIKASIÝALAR WE INFORMATIKA
INSTITUTY



“Tassyklaýaryn”
Türkmenistanyň Bilim ministrliginiň okuw işler boýunça
meýilnamalaryň K.A. Hojanepesow
2019-2020-çy ýylyň avgust aýynyň 20

ERASMUS+

CRENG 598218-EPP-1-2018-1-PL-EPPKA2-CBHE-JP

“Ulag hyzmatlarynda krizisleri we töwekgelçilikleri dolandyrmak”

Taslamanyň iş meýilnamasy

Aşgabat -2019

Ns	Yerine ýetirilen işler	Jogapkär:	Salg ylan. №	Yerineýetirilen wagty (-dan çenli)	Düşündiriş belgiler
1.	uniwersitet projektyň işleri barada öz içki meýilnamasyny düzmeli.	P1, P5-13	1.1	15.12.2018	Her bir iş ýumuşunyň yerine ýetirilmegi üçin iş topary hökmünde jogapkär adamlary bellemek. (WP1 – WP5 (sal.1.1. – 5.2.)) 2 we 10 tab. seret. Uniwersitetda projektyň ýolbaşçysyny bellemek, ýerli şertlere laýyklykda projektyň iş toparyny döretmek (uniwersitetiň dolandyryjy bölümi, bellenen fakultetler/guramalar, mugallymlaryň wekilleri, talyp/aspirantlar, potensial iş bilen üpjün edijiler)
2.	Programma gatnaşýan ýurtlaryň uniwersitetlerindäki hereket edýän meýilnamasyny analizlemek.	P1, P6-13	1.1	20.12.2018	CRENG projektynyň teklipleri ösdürmek baradaky sergäsinde CRENG üçin Master programmalaryň maslahat berilýän meýilnamasynyň sanawy düzüldi. Bu maslahat berlen meýilnama Ýewropanyň CRENG okuw baradaky iň gowy tejribeleriniň analizi we PC uniwersitetleriniň (Ukraina, Azeribajjan, Türkmenistan) üpjün eden, PC-nyň zähmet bazaryndaky talap baradaky maglumatlaryna esaslanýar. “CRENG” master programmasynyň düzümi baradaky ahyrky çözüdi kabul etmek we arkadaşlaryň arasynda ýumushary paylamak üçin, öz uniwersitetiňyzda häzirki düzen meýilnamanyz bilen CRENG master programmasy üçin maslahat berilýän meýilnamany deňeşdirmeginizi haýyş edýäris. Hasabatnyň garalamasy P7 tarapyndan düzüler we 01.12.2018 senesine çenli gatnaşyjylara ugradylyar.
3.	Ylalaşygyň we CRENG MA programmasynyň özüşi üçin instruksiýa ugrukdyryjylaryň göl çekilmegi we düzülmegi	Ähli arkadaşlar	1.2.	31.03.2019	Ylalaşygyň garalamasy P2 tarapyndan başlangyç duşuşyga çenli taýýar ediler.
4.	a) Meýilnamanyň düzümi we okuw materiallary üçin ÝB-iň uniwersitetleri jogapkärdir. b) P1-P3 düzümiň garalamasyny düzmeli we bellenen uniwersitetlere (P5 – P13) geçirmeli +	P1-P4	2.1	a) 30.04.2019 b) 30.04.2019 c) 15.05.2019	Täze dersleriň/kurslaryň sanawy Tab.4 seret. Meýilnamanyň düzümi/okuw materiallarynyň geçirilmegi 2 nobatda yerine ýetirililer: 1. P2-P4 teoretiki we amaly/tejribe sapaklar üçin temalaryň sanawyny, her ders üçin meýilnamanyň beýanyny, sol sanda ECTS (Tab.3), maslahat berilýän okuw materiallarynyň (edebiyatlar, okuw kitaplary we ş.m), her tema üçin ppt. prezentasiýalary taýýarlama, ähli materiallary P5-P13-e ugratmaly.



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Work group



No	Name, Surname, email	Position	Responsibility (WP, tasks according to the work plan)
1	Atayev Azat	Vice rector of ITIT	WP2, WP3, WP4, WP5
2	Babayev Amangeldy	Head of Education department	WP2, WP3
3	Valiyeva Sapargul	Head of department Management and innovation technologies	Coordinator WP1, WP2, WP3, WP4, WP5
4	Bashimova Sadap	Teacher of department Management and innovation technologies	WP2, WP3, WP4
5	Charyyev Arslan	Head of Automation department	WP2, WP4
6	Hudaykulyeva Amanbibi	Assistance	WP2, WP3, WP4
7	Poppyeva Ogulbagt	Head of department Telecommunication technologies	WP2, WP4
8	Saparova Gulnara	Teacher of department Management and innovation technologies	WP2, WP3, WP4





Criteria for teacher selection for trainings



When choosing teachers to participate in trainings planned at EU universities, the following preferences are given:

- Language skills;
- teaching experience in higher education -at least 3 years;
- higher education in the field of logistics, digital economy and computer technology;
- the ability to innovate in the education process;
- willingness to further improve their professional knowledge
- multiculturalism
- skills of team work
- healthy



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list of existing curricula of “Logistics” specialty:

1. Logistics and Supply chain management
2. Management of projects and risks at logistic systems
3. Management of transport systems
4. Occupational safety,
5. Transport and business law
6. Telematics and monitoring of transport systems
7. Logistic infrastructure of international transit transport corridors
8. Management





Faculty of Digital economy and management



list of curricula to be updated :

- Human Factors in Design & Operations- 5 ECTS
- Supply Chain management and networks- 5 ECTS
- Health, Safety & Environmental Management Systems- 6 ECTS
- Project management and leadership in logistics and research, though open communication and teamworking – 5 ECTS
- Carrier Managing, Soft skills, for engineer, basics of technical creativity- 3 ECTS
- New challenges for crisis and risk management in logistics systems- 5 ECTS
- Project management and leadership in logistics and research, though open communication and teamworking –5 ECTS and other.

Some topics are included in some disciplines, for example, “Management of projects and risks at logistic systems, “Management”, “Management of transport systems”.





Teacher that will develop new courses



Name of the course to be upgraded	Person/teacher/department/faculty responsible for the course upgrade	What has to be upgraded in the course?	Deadlines
1. Logistics and Supply chain management	Valiyeva Sapargul	Updating programs and courses, development digital versions-drafts (.doc files) of manuals/text books/methodological recommendations for students and teachers, creation e-learning course and updating it to the MOODLE platform. Improving educational content accordance with EU university demands. Students work load will be synchronized with ECTS	15.04.2020
2. Management of projects and risks at logistic systems	Bashimova Sadap		15.04.2020
3. Management of transport systems	Saparova Gulnara		15.04.2020
4. Transport and economical law	Bashimova Sadap		15.04.2020
5. Occupational safety	Charyyev Arslan		15.04.2020





Equipment & Software



Equipment/Software	Name of the person(s) responsible for the equipment/software installation	Occupation of the responsible persons	Contact information of the responsible persons
Equipment purchase	Atayev Azat	Vice rector of ITIT	Atayevazat@mail.ru
Equipment purchase	Valiyeva Sapargul	Head of department Management and innovation technologies	sapargul@mail.ru
Software installation	Hezretov Batyr	Expert of Technical department	





Questionnaire for students



This questionnaire is aimed at identifying students with existing knowledge about the project, as well as about logistics, transport services, risks and crises. The implementation of this principle helps to create a system of interaction between the university and students, to determine their needs and requirements, as well as the degree of satisfaction of the services received. A total of 72 students of the Faculty Digital Economy and Management were tested. As the survey results show, a significant part of students (65 %) say that they have ideas about international projects, that they are interested in participating in international projects. Our institute has active participation in EU projects from 2002. A lot of professors, teachers and students have improved professional knowledge and other skills through these projects. So at this year 2 students come back from Zwickau Applied science university after 1 year scholarship (Germany), before it our 2 students had scholarship in Genoa university of Italy. Periodically we have training with professors from universities of Malaysia, Turkey, China, Ukraine, Belorussia, South Korea. Also at these trainings experts have participated from transport branches of our economy.





Labor market analysis



Insert list of companies in your region/country, which will be the future employers of specialists in the CRENG area:

- “Turkmenhowayollary” agency – Turkmen airlines agency
- “Turkmendemiryollary” agency- Turkmen railway agency
- “Turkmen Deniz-derya yollary” agency- Turkmen maritime and river transport agency
- “Turkmenawtoulaglary” agency- Turkmen automotor transport agency
- and other industrial companies of state and private sectors of economy.

Turkmenistan built new international railway transit transport corridors Turkmenistan-Afghanistan- Tajikistan, gas pipeline TAPI and other very important big transport logistics projects for TM and Central Asia.





Dissemination plan



1	Speeches (reports) of the project coordinator in the Academic council of ITIT;	Per quarter
2	Speeches of the participants in the training and other meetings within the project in the conference and meetings of the institute;	Per month
3	Placement of the project logo on different avenues of the institute	On e-kiosk and halls
4	A survey among students and teachers in order to disseminate information about the project at the institute	1
5	Meetings with national partner universities discussion of the project status;	Twice per month
6	Organization of trainings and seminars for students and teachers of the institute;	Project duration + min. 1 year after
7	Universities web-site Creng project based on ITIT "Digital knowledge portal" (Sanly Bilim portaly) . All information about project placed here and new materials will be added by participants .	Project duration
8	Information in traditional press- Articles in newspaper and magazines of TM. We published 1 article in "Mugallymlar gazetesi" and we will to publish articles on "Возрождение" magazine on Russian and other press.	Project duration + min. 1 year after





Dissemination plan

“Mugallymlar gazeti” ot 15.04.2019r.



Döwletimizde adam hakydaky aradanyň hemişe baş maksat hökmünde ileri tutulýandygyna şaýatlyk edýär.

Islendik jemgyýetiň kämilligi beden we ruhy sagdynlykdan başlanýar. «Giň bolsaň kem bolmaz, saglykdan özge dem bolmaz», «Abraý isleseň, köp diýme, saglyk isleseň, köp iýme», «Akyldan artyk baýlyk yok, saglykdan gymmat zat yok», «Bar zadyň sakasy

zähmet howpsuzlygynyň üçün sanok, zähmet arassaçylygynyň talaplaryny we kadalaryny gysarnyksyz berjaý etmek, işgärlere döredijilikli zähmet çekmek, saglygyny berkitmek üçin amatly şertleri we mümkinçilikleri döretmek babatda jogapkärçilik kesgitläýär.

Döwletimizde raýatlaryň ömri we saglygy, hukuklary we azatlyklary ileri tutulýar. Şahsyýetiň erkin ösüşini ü-

nistanyň Mejlisi tarapyndan «Raýatlaryň saglygynyň temmäki tüssesiniň täsirinden we temmäki önümlerini ulanmagyň netijelerinden goralmagy hakynda», «Raýatlaryň saglygynyň goralmagy hakynda», «Çaganyň hukuklarynyň döwlet kepillikleri hakynda», «Lýmit önümleriniň howpsuzlygynyň we hiliniň üpjün edilmegi

Maksatberdi GURBANOW, Türkmenistanyň Mejlisiniň deputaty, Ýerli wekilçilikli häkimiyet we öz-özünü dolandyryş edaralary bilen işlemek baradaky komitetiniň başlygy.

boisa we raýat ýarysyndan g... düşändigini a... ýaly ederini b... re paýlanylyp... laryň tuşly t... sady — bu ý... yetjekdigine c... ýapysýan daý... miziň bu muk

ULAG WE ARAGATNAŞYK INSTITUTY: SANLY BILIM

Mälim bolsy ýaly, 2017-nji ýylyň 15-nji sentýabrynda hormatly Prezidentimiziň Karary bilen «Türkmenistanda sanly bilim ulgamyny ösdürmegiň Konsepsiyasy» kabul edildi. Onuň esasy maksady ýurdumyzyň innowasion ösüşine laýyklykda, bilim bermegiň ähli basgançaklaryny ýokary hilli elektron bilim maglumatlary bilen üpjün edip, berilýän bilimiň mazmunyny we okatmagyň usulyýetini baýlaşdyrmakdan ybaratdyr. Häzirki wagtda ýurdumyzyň bilim ojaklarynda hormatly Prezidentimiziň ýörite Karary bilen tassyklanan sanly bilim ulgamynyň milli Konsepsiyasyny durmuşa geçirmegiň meýilnamasyna laýyklykda işler alnyp barylýar. Golaýda Türkmen döwlet ulag we aragatnaşyk institutunda bolup, bu ýerde sanly bilim ulgamynyň Konsepsiyasynyň durmuşa geçirilişi we talyp ýaşlaryň kämil hünärmenler bolup ýetişmekleri ugrundan alnyp



lenilişi ýaly, olaryň häzirki zaman maglumat tehnologiýalaryny işjeň ulanyp bilmegini gazanmakdyr. Bu maksat bilen ýurdumyzyň ýokary okuw mekdeplerinde okuw maslahatlary, seminar-maslahatlar, söhbetdeşlikler yzygiderli geçirilip, tejribe toplanýlar. Ýokary okuw mekdebimizde sanly bilim ulgamyny giňden ornaşdyrmak maksady bilen institutyň bilim portaly döredildi. Bu

toruny ulanmaga mugallymlara we talyplara giň mümkinçilikler döredildi. Kompýuterlerde geçirilýän ders bäsleşikleri talyplarda uly gyzyklanma döredýär we olaryň dersleri özleşdirmäge höweslerini artdyrýar. Institutymyza ýurdumyzyň ýokary okuw mekdepleri bilen okuw dersleri boýunça internet bäsleşiklerini geçirmek hem ýola goýuldy. Häzirki döwürde her aýda geçirilýän aralyk jemiemeleri hem kompýuterde ornaşdyrylan ýörite programma ulgamlary arkaly yerine ýetirilýär.

Institutda kompýuter tehnologiýalary esasynda okatmagyň täze tehnologiýalary giňden ornaşdyrylýar. Olardan daş aralykdan okatmak, elektron kitaphanasyndaky kitaplardan peýdalanmak, maglumatlaryň elektron alyş-çalşygyny ýerine ýetirmek, audio-wideo sapaklary guramak gowy netijeler berýär.

Milli bilim ulgamynyň möhüm

lymiarynyň we talyplarynyň okuw saparlary, bu uniwersitetiň professorlarynyň Türkmenistanyň ýokary okuw mekdeplerinde sanly ykdysadyýet, informasion tehnologiýalar boýunça yzygiderli okayan leksiýalary has gowy netijeleri berýär. Häzirki döwürde institutumyzyň iki talyby bu uniwersitetde logistikadan on aýlyk okuw geçýärler.

Türkmen döwlet ulag we aragatnaşyk instituty Ýewropa Bileleşiginiň «Erasmus+» Maksatnamasynyň «Ulag hyzmatlarynda garaşylmadyk ýagdaýlary we töwekgelçilikleri dolandyrmagyň tehniki taslamagy» atly taslamasyna hem işjeň gatnaşýar. 2019-njy ýylyň fewral aýynda Waşawanyň Tehnologiýa uniwersitetinde (Polşa Respublikasy) bu taslamanyň çäklerinde geçirilen başlangyç maslahatyna institutumyzyň iki mugallym gatnaşyp, taslamanyň wezipelerini yerine ýetirmek barada maslahatlaşdylar, şeýle-de

Olaryň arasynda Swikau Günbat Sakson amaly ylymlar uniwersiteti, Kuala-Lumpur uniwersiteti, Langk ulag uniwersiteti, Akademik S.P.K. rolyow adyndaky Samara milli baýlag uniwersiteti, Belarus döwl inforatika we elektronika uniwersiteti, Belarus döwlet aragatnaşyk akademiýasy, Akademik W.Lazaýan adyndaky Dnepropetrow milli demir ýol ulaglary uniwersiteti, Awtomobil ýollaryny taslamak, gürmek we ulanmak boýunça Daşke instituty bilen ylym-bilim babat alnyp barylýan hyzmatdaşlyk döwürün talabyna laýyk ökde hünärmenleri taýýarlamak boýunça tejribe alyşmakda gowy netijeleri berýär.

Bilim ulgamynda önde goýlan wajyp meseleleri amal etmek maksady bilen institutyň mugallymlarynyň hünär derejelerini ýokarlandyrmak işi hem ýola goýlan. Mugallymlaryň geçirýän sapaklarynda we tejribe işlerinde bilim bermegiň täze usullaryny we tehnologiýalaryny ulanmaga mümkinçilik berýär.

Sanly bilim ulgamyny ösdürmegiň çäklerinde Türkmen döwlet ulag we aragatnaşyk instituty ulag we aragatnaşyk pudagyň işleýän işgärleriň hünär derejelerini ýokarlandyrmak işini hem döwür bap guramaga giň mümkinçilik açýlar.

Hawa, bu gün jemgyýetimiň özbaşdak çözgütleri kabul edilýän, ukyp-başarlanlygy we netijeli



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Implemented dissemination activities



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Dissemination plan

Presentation about Creng



Joint Project Capacity Building in the Field of Higher Education ERASMUS+ 2014

CRENG

Crisis and Risks Engineering for Transport Services

WP2: Development

Co-funded by the Erasmus+ Programme of the European Union

Dr. Iulia Bulgakova



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Presentation about Creng project at small conference hall of ITIT that was translated by TV "Yashlyk" channel



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Schedule of dissemination events



1. October , 2019 – studying of the training in Berlin)
2. November 17, 2019 – video-conference and workshop for instructors from TM partner unversities
3. December 15 , Round table, 1st year results and plan for the next year
4. Meeting with partners from TM partner universities





Quality Assurance Plan



Name, Surname	Occupation	Organization	Contact info (email)
Atayev Azat	Vice rector of ITIT	ITIT	Atayevazat@mail.ru
Valiyeva Sapargul	Head of department Management and innovation technologies	ITIT	sapargul@mail.ru
Saparova Gulnara	Teacher of department Management and innovation technologies	ITIT	gulnar75@list.ru





Quality Assurance Plan



Quality assurance helps to support teachers and build expertise and capacity in the higher education system to deliver positive outcomes for students. Through sharing, understanding and applying standards and expectations, quality assurance helps to raise standards, expectations, and levels of consistency across HEIs. At January 2019y. we renewed our educational Standards by all specialty, quality of this work controlled our Academic department and Ministry of Education. Also quality of studying process, sustainability of results will be controlled by rector, vice rector of scientific work and dean of faculty

Contents of the project monitoring & evaluation:

- a. Cruciality of the project activities
- b. Efficiency of the project realization
- c. Project achievements (results)
- d. Impact of the project measures (follow ups)
- e. Sustainability of the project results. Periodic surveys and feedback analysis of target groups.
- f. Communication process between consortium partners
- g. Dissemination of the project activities and results
- h. The project management





Non-consortium organizations



(Insert list of companies in your region/country, which will be the future employers of specialists in the CRENG area:

- TULM - Transport Logistic Centre of Turkmenistan – www.tulm.gov.tm
- Turkmenbaha private company
- “Turkmenhowayollary” agency – Turkmen airlines agency
- “Turkmendemiryollary” agency- Turkmen railway agency
- “Turkmen Deniz-derya yollary” agency- Turkmen maritime and river transport agency
- “Turkmenawtoulaglary” agency- Turkmen automotor transport agency
- and other industrial companies of state and private sectors of economy
- “Turkmen logistic association” - economical association





CRENG Service Office



Name, Surname	Occupation	Organization	Contact info (email)
Valiyeva Sapargul	Head of department Management and innovation technologies	ITIT	sapargul@mail.ru
Saparova Gulnara	Teacher of department Management and innovation technologies	ITIT	gulnar75@list.ru
Bashimova Sadap	Teacher of department Management and innovation technologies	ITIT	sadapbashimowa@gmail.com
Charyyev Arslan	Head of Automation department	ITIT	arslan.caryyew93@gmail.com
Poppyeva Ogulbagt	Head of department Telecommunication technologies	ITIT	sapargul@mail.ru





scientific research works



Features of training specialists for the transport and logistics complex

The multifaceted socio-economic policy pursued by the President is aimed at further integration of the Turkmen state into the world economy. The country pays special attention to the development of transport and logistics infrastructure. Also, in the context of developing global globalization, it is extremely important to implement a scientifically grounded approach to using Turkmenistan's advantageous geopolitical position at the crossroads of transit communications between Europe and Asia. International initiatives of the President of Turkmenistan Gurbanguly Berdimuhamedov on the development of international transport corridors have received wide support from the world community. In this regard, much attention is paid to the training of highly qualified personnel for the transport and logistics complex of the country.

Every year students of the TSITC , TSACI conduct training and production practice at leading transport and logistics facilities.



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scientific research works



The scientific research works are conducted in ITIT departments according to a confirmed program. Professors, teachers and post graduate students are actively working to implement this program. The scientific subject includes important tasks emerging during the production and scientific work is aimed to speed up scientific and technical progress, increase the effectiveness and reliability of equipment use, improvement of ecological situation of environment, saving roads and railways from sand, methods of using solar energy.



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scientific research works



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activity



Меню A.B.Çaryýew: Prezentsiýalar Presentation Core 7.pptx

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TÜRKMENISTANYŇ TELEKOMMUNIKASIÝALAR WE INFORMATIKA INSTITUTYNYŇ BILIM PORTALY

Baş sahypa | Fakultetler | Baýram Atanepesow

Maglumat gözlemek

Dolandyryş menýu = Maglumat tehnologiýalary we awtomatlaşdyrma fakulteti = Umumy tehniki dersleri kafedrasy = A.B.Çaryýew = Prezentsiýalar = Prezentsiýalar

NAWIGASIÝA

Dolandyryş menýu

- Baş sahypa
- Sahypalar
- Şu wagtky sahypa
 - A.B.Çaryýew
 - Gatnaşyjylar
 - Sylaglar
 - Esasy
 - Çyzuw geometriýasy we inžener grafikasý dersi boýunça o...
 - Çyzuw geometriýasy we inžener grafikasý dersi boýunça a...

Prezentsiýalar

- 01_bulgakova_CRENG_WP2.pptx
- Course Description Soft Skills.pdf
- Presentation Core 4 Rus.pdf
- Presentation Core 7.pdf
- Presentation Core 9.pdf
- Presentation SIEMENS.pdf
- SoftSkills.pdf

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11:56 23.11.2019

KÖMEK





project definitely contribute to the development of our education system through training of the teaching staff and provision of educational-methodical materials.

The project can contribute to improving the quality of education through the study of new methods of control of progress, innovation pedagogical technologies, training our professors, teachers, students in the right directions



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**Thank you for your
attention!**



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