



**ACCESSIBILITY AND HARMONIZATION OF HIGHER EDUCATION
IN CENTRAL ASIA THROUGH CURRICULUM MODERNIZATION
AND DEVELOPMENT**

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**DEV. 2.4.1 - ACADEMICA training path Institutional
Experimentation Report**

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Country: KAZAKHSTAN



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Language	EN, RU



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1. Participant's Profile

Number Male: 2

Number female: 8

Science domain: Engineering sciences

Age: 20-30 6 people 30-40 2 people 40-50 2 people over 50 0

Teaching experience:
less 5 years 3 people 5-10 years 4 people more than 10 years 3 people

2. ACADEMICA training promotion and selection process

How do you have promoted the ACADEMICA training path?

Internet strategy:

Abay Myrzakhmetov Kokhsetau University has provided for the training path ACADEMICA following:

1. There is the information support on the website with all information about the planned activities within implementation of the Academica program (<http://kuam.kz/ru/erasmus-programme>);

2. Through the direct reference: "<http://kuam.kz/ru/mezhdunarodnye-proekty>" on the website of higher education institution students and teachers of higher education institution have access to the official site of "ACADEMICA". There is information in the tabs and photo report of held events within implementation of the project: reports of held conference, etc.

Educational project coordinators provide teachers - researchers with the reference to YouTube channel for viewing in the free mode of virtual classes on discussion of educational modules.

Event strategy:

For implementation of the project of the Academica the higher education institution uses the following strategy of events:

1. The calendar of events on the project website

2. In addition the teaching staff - researchers are notified on the forthcoming events (a virtual class, work on the module, performance of tasks on modules, answers at forums, testing for results on modules)

3. The teaching staff - researchers are notified on results of work on modules, total grade for the module, the comparative analysis of results with other participants of the project.



Paper strategy:

For implementation of paper strategy the following events are held:

1. The teaching staff – experimenters have received in paper option a calendar of events of the project, requirement of the project on modernization of educational programs of disciplines with a project logo, the syllabus template for receiving the expected results of the project, recommendation - an explanation on means of modernization. According to requirements of the standard of quality management of ISO 9001 all paper versions of materials are received under the personal signature of teachers.

Number of received applications: 22

Number of selected applications: 10

Selection criteria:

Selection criteria into the group of researchers for participation in the project of the Academica in higher education institution the following: basic education, length of service in higher educational institutions, scientific publications, personal desire of participation in the scientific project, level of proficiency of ICT, initiative, learning ability, an active living, educational and methodical and scientific position.

3. Management of the National classes

Number of lectures who have chosen an individual/autonomous study method 20

Number of lectures who have chosen a group study method 9

Number of didactic tutors available during the training 3

Number of technical tutor available during the training 1

How do you have managed the virtual classes?

The European higher education institution partners have sent us the instruction on the organization and management of a virtual class, referring to it we have organized a virtual class on the Module No. 2.

The teaching staff of the university of this project has been instructed on the organization, management and use of a virtual class. The working group of the project did not have any problems with management of a virtual class.



Do you have had technical problems during the virtual classes? Yes No

If yes, please, describe them by explaining also how you solved them:

4. ACADEMICA Training Path Results

4.1 English course

Number of lecturers who have successfully completed the course: 10

Number of lecturers who don't have completed the course NO

Number of lecturers who have achieved the highest score: 7

Number of lecturers who have achieved the lowest score: NO

4.2 Module 1

Number of lecturers who have successfully completed the module: 10

Number of lecturers who don't have completed the module: NO

Number of lecturers who have achieved the highest score: 9

Number of lecturers who have achieved the lowest score: 1

Number of lecturers who have completed the assessment: 10

Number of lecturers who have attended the 1st virtual class: 10

4.3 Module 2

Number of lecturers who have successfully completed the module: 10

Number of lecturers who don't have completed the module: NO

Number of lecturers who have achieved the highest score: 8

Number of lecturers who have achieved the lowest score: 2

Number of lecturers who have completed the assessment: 10



Number of lecturers who have attended the 2d virtual class: 8

4.4 Module 3

Number of lecturers who have successfully completed the module: 10

Number of lecturers who don't have completed the module: NO

Number of lecturers who have achieved the highest score: 3

Number of lecturers who have achieved the lowest score: 7

Number of lecturers who have completed the assessment: 10

Number of lecturers who have attended the 3d virtual class: 7

4.5 Module 4

Number of lecturers who have successfully completed the module: 10

Number of lecturers who don't have completed the module: NO

Number of lecturers who have achieved the highest score: 10

Number of lecturers who have achieved the lowest score: NO

Number of lecturers who have completed the assessment: 10

Number of lecturers who have attended the 4th virtual class: 6

4.6 Module 5

Number of lecturers who have successfully completed the module: 10

Number of lecturers who don't have completed the module: NO

Number of lecturers who have achieved the highest score: 5

Number of lecturers who have achieved the lowest score: 5

Number of lecturers who have completed the assessment: 10

Number of lecturers who have attended the 5th virtual class: 6



4.7 Module 6

Number of lecturers who have successfully completed the module: 10

Number of lecturers who don't have completed the module: NO

Number of lecturers who have achieved the highest score: 10

Number of lecturers who have achieved the lowest score: NO

Number of lecturers who have completed the assessment: 10

Number of lecturers who have attended the 6th virtual class: 6

Number of lecturers who have attended the final virtual class: 10

4.8 Final results

Number of initial participants: 10

Number of dropouts: 0

Please, explain the reasons:

What are the strengths of the course?

After learning of the training course, teachers - researchers raised their information, media, technological literacy: learned to use technologies of mass media for collaboration and joint processes; to create a content in different formats, including a multimedia; editing and improving of contents of own educational content; acquired skills of graphic design, animation; own blogs, forums, chats, use of opportunities of cloud computing, to use of the virtual environment of training, methods of finding of video and audio of resources, to search of the virtual environment of training, operation on social networks, to adjust communication online, to cooperate using E-mail, rules of operation with Wiki, etc.

What are the weaknesses of the course?

Short-term technical problems during opening of educational modules.

What are the lecturers' suggestions to improve it?



5. Curricula to be modernised

Number of selected curricula to be modernized: 21

Science domain/s: Engineering sciences

Number of new syllabus to be tested: 21

Please fill in the table below following the example provided.

No	Full name of Lecturer	Educational degree (BA or MA)	Name of discipline	Number of credits /or hours	Specialty	Semester (S or W)
1	Seilkhan Zhartanov	BA	Programming Technology	5	5B070300 – Information systems	W
2	Seilkhan Zhartanov	BA	Data Base Systems	5	5B070300 – Information systems	W
3	Fatima Nadyrova	MA	Management + in IT	5	6M070300 – Information systems	W
4	Fatima Nadyrova	BA	Information communication technology	5	5B070300 – Information systems	S
5	Fatima Nadyrova	BA	Data base in information systems	5	5B070300 – Information systems	S
6	Akbota Meirmanova	BA	Physics	5	5B070300 – Information systems	W
7	Akbota Meirmanova	BA	Theory electric chains	5	5B070300 – Information systems	S
8	Makhabat Agzamova	MA	Architecture information system	5	6M070300 – Information systems	W
9	Makhabat Agzamova	BA	Architecture of computer system	5	5B070300 – Information systems	S
10	Makhabat Agzamova	BA	Web - programming	5	5B070300 – Information systems	W
11	Natalya	BA	Basis of radiation	5	5B073100 –	S



	Salikova		safety		Life safety and environmental protection	
12	Natalya Salikova	BA	Metrology, standardization, certification	5	5B073100 – Life safety and environmental protection	W
13	Sayagul Zhaparova	BA	Principles and types of monitoring	5	5B073100 – Life safety and environmental protection	W
14	Sayagul Zhaparova	BA	Protection of the air basin from pollution	5	5B073100 – Life safety and environmental protection	W
15	Zinep Shaimerdenova	BA	Production sanitary	5	5B073100 – Life safety and environmental protection	W
16	Zinep Shaimerdenova	BA	Rescue work	5	5B073100 – Life safety and environmental protection	W
17	Murat Karipollaev	BA	Protection in emergency situations	5	5B073100 – Life safety and environmental protection	W
18	Murat Karipollaev	BA	Emergency situations of technogenic and natural character	5	5B073100 – Life safety and environmental protection	W
19	Temirbekova Nurgul	BA	Fire safety	5	5B073100 – Life safety and environmental protection	S
20	Lyudmila Makeyeva	BA	Chemistry	5	5B073100 – Life safety and environment	W



					al protection	
21	Lyudmila Makeyeva	BA	Chemical analysis	5	5B073100 – Life safety and environment al protection	S