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**Modernisation of Higher Education in
Central Asia through New
Technologies (HiEdTec)**



EVALUATION OF THE SYLLABUS OF THE COURSE FOR THE ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE TEACHING AND LEARNING METHODS

**Project: Modernisation of Higher Education in Central Asia through New
Technologies (HiEdTec)**

Project No: 598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP

Project Coordinator: ANGEL KANCHEV UNIVERSITY OF RUSE



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Editor

Deliverable number: 5.5

Title: Evaluation of the Syllabus of the course for the
acquisition of digital skills and innovative teaching
and learning methods

Type of nature of deliverable: Report

Dissemination level: International level

Status/Version: Draft0.4

Date: February, 2020

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Document Revision History

Version	Date	Description of change	List of contributor(s)
0.1	08.01.2020	Creation of online questionnaire	Stefanie Oestlund
0.2	15.01.2020	Deadline for partners	Stefanie Oestlund
0.3	04.02.2020	Analyse, Conclusions	Aurel Machalek
0.4	06.02.2020	Review, corrections and revisions	Stefanie Oestlund



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List of Abbreviations

HiEdTec	– <i>Modernisation of Higher Education in Central Asia through New Technologies</i>
HE	– <i>Higher Education</i>
LMS	– <i>Learning Management System</i>
LLL	– <i>Lifelong learning</i>
VLE	– <i>Virtual learning environment</i>
MOOC	– <i>Massive Open Online Course</i>
OER	– <i>Open education resource</i>
UR	– <i>University of Ruse Angel Kanchev</i>
ATU	– <i>Almaty Technological University</i>
InEU	– <i>Innovative University of Eurasia</i>
AIU	– <i>Ala-Too International University</i>
IKSU	– <i>Issyk Kul State University named after K.Tynystanov</i>
KSTU	– <i>Kyrgyz State Technical University named after I. Razzakov</i>
KhoSU	– <i>Khorog State University named after M.Nazarshoev</i>
TTU	– <i>Tajik technical University named after academician M.Osimi</i>
TUT	– <i>Technological University of Tajikistan</i>
IUHD	– <i>International University for the Humanities and Development</i>



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TITU	– <i>Oguz Han Engineering and Technology University of Turkmenistan</i>
SEIT	– <i>State Power Engineering Institute of Turkmenistan</i>
AndMI	– <i>Andijan Machine-Building Institute</i>
TSUE	– <i>Tashkent State University of Economics</i>
TUIT	– <i>Tashkent University of Information Technologies named after Muhammad al-Khwarizmi</i>
UPV	– <i>Università degli Studi di Pavia</i>
UL	– <i>University of Luxembourg</i>
UC	– <i>University of Coimbra</i>
MES	– <i>Ministry of Education and Science of the Republic of Kazakhstan</i>
MES	– <i>Ministry of Education and Science of the Kyrgyz Republic</i>
MES	– <i>Ministry of Education and Science of the Republic of Tajikistan</i>
MET	– <i>Ministry of Education of Turkmenistan</i>
MHSSE	– <i>Ministry of Higher and Secondary specialized education of the Republic of Uzbekistan</i>



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EXECUTIVE SUMMARY

An Evaluation of the Syllabus of a course for the acquisition of digital skills and innovative teaching and learning methods will be performed. The idea is to see if the proposed Syllabus contains all elements of a high quality and high-level training of trainers and teachers. This evaluation report will be annexed to the progress reports.

The Syllabus is designed in accordance with the project of Modernization of Higher Education in Central Asia through new technologies (HiEdTec), WP4. Development of courses for trainers and lecturers for the acquisition of digital skills and innovative teaching and learning methods.



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INTRODUCTION

The purpose of evaluation of the Syllabus was to gather feedback on the knowledge and experience of EU partner country Universities and their teaching staff on the implementation of innovative educational technologies and didactic models in the process of teaching and learning in higher education.

Syllabus developed courses for trainers with consideration on:

- Traditional learning;
- Synchronous distance learning;
- Asynchronous distance learning;
- Blended learning.

Expected results using Syllabus for training:

After the training using this Syllabus, the lecturers will be prepared for the digital transformation of education and in particular – to perform the following tasks of the project:

- Selecting a Learning Management System (LMS) by each Central Asian Partner Country (PC) University.
- Developing e-Learning courses - 5 at each University – a total of 75.
- Developing PowerPoint presentations of lectures, suitable for delivering on an interactive electronic board, recording them as video lectures and publishing them in YouTube - 5 at each University – a total of 75.
- Creating a cloud-based Virtual Library

To validate the Syllabus, we used an online questionnaire asking project partners and user of the Syllabus for their opinion.

PROJECT OVERVIEW

The main aim of the project is to adapt the education system in the PCs to the digital generation through the introduction and effective use of ICT-based Innovative Educational Technologies and Didactic Models (IET&DMs) in the teaching process.

This aim corresponds to the strategic priorities for the development of education in each of the PCs, i.e. supporting the use of digital technologies and online delivery to improve pedagogies and assessment methods.



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The project will help to turn the partner Higher Educational Institutions (HEIs) into innovative Universities and will improve the quality of the trained specialists necessary to perform the Digital Transformation of Industries (Industry 4.0).

The consortium comprises of 24 full partners – HEIs from 4 EU countries and 5 PCs.

The consortium includes two types of HEIs: European HEIs with solid experience in the innovative educational technologies and HEIs from Central Asia which want to introduce these technologies and open pedagogies in the field of higher education in order to improve and extend the supply of high-quality learning opportunities tailored to the needs of digital learners. The consortium also includes all PC Ministries of Education which will contribute to the dissemination, extension of impact and sustainability of project results in each PC.

The EU partners are well-known European Universities with rich experience in IETs. In addition, a part of them have established contacts and cooperation with some of the partners from the PCs and are therefore familiar with the higher education system, the facilities available and the main challenges which HEIs in the PCs face. This provisional knowledge of some of the EU partners and their Universities is an essential prerequisite for establishing successful collaboration from the project start.



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HiEdTec QUESTIONNAIRE RESULTS

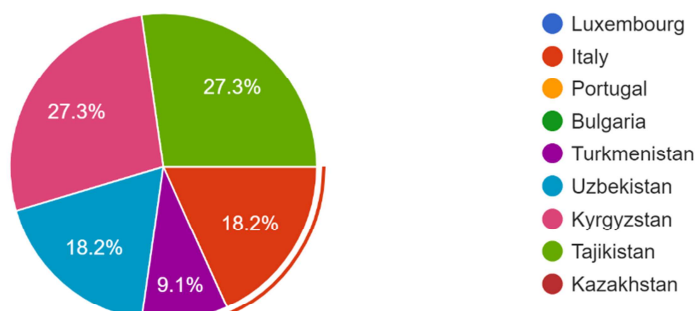
1 General Information

We received 11 answers to our questionnaire:

- Tajikistan – 3 responses
- Uzbekistan – 2 responses
- Kyrgystan – 3 responses
- Italy – 2 responses
- Kazakhstan – 1 responses

1. Which country are you from?

11 responses





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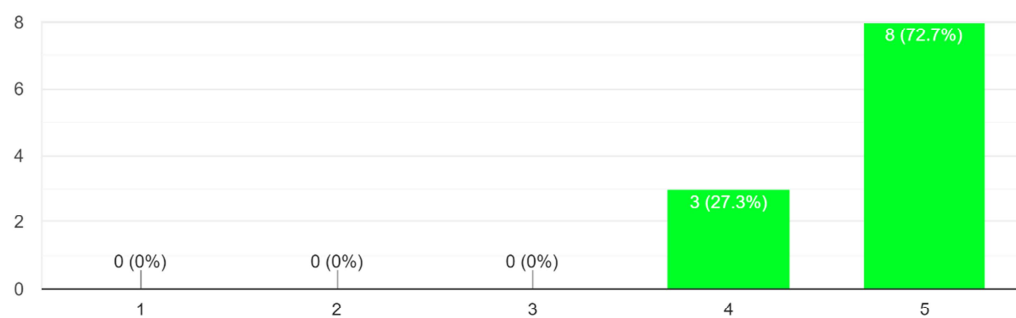
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2 Structure of the Syllabus

2. Overall, please tell us how well structured the syllabus where 1 means not at all well structured and 5 means extremely well structured.

11 responses

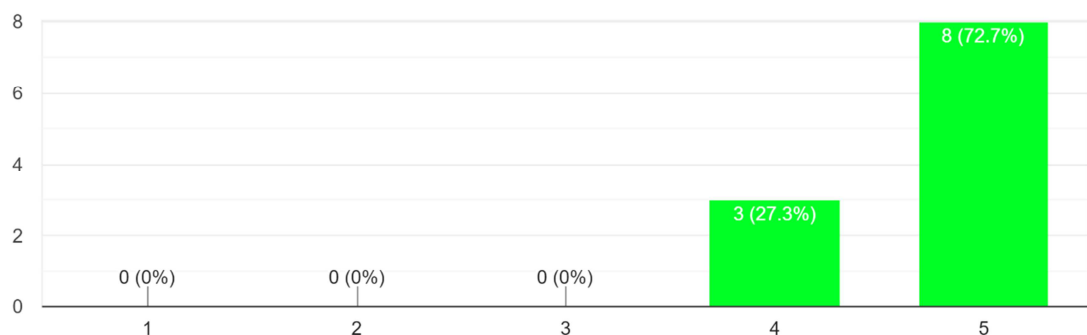


From 11 answers 72,7% of the responders find the structure of Syllabus extremely well-structured and 27,3 % as well structured.

3 The quality of the Syllabus

3. Please tell us how you rate the quality using a 1 to 5 scale where 1 means very bad and 5 means extremely good.

11 responses





There were 11 answers to this question, from which 72,7 % find the quality of the Syllabus extremely good and 27, 3% as very good.

4 Content questions

The structure of the questions were following:

- The Syllabus objectives were clearly communicated
 - 8 responders from 11 strongly agreed
 - 3 responders agreed
- The objectives were met
 - 5 responders from 11 strongly agreed
 - 6 responders agreed
- Follow-up actions resulted from the Syllabus
 - 4 responders from 11 strongly agreed
 - 6 responders agreed
 - 1 responder NA
- The Syllabus were well understandable
 - 7 responders from 11 strongly agreed
 - 3 responders agreed
 - 1 responder stayed neutral
- The right people were addressed by the Syllabus
 - 8 responders from 11 strongly agreed
 - 3 responders agreed
- The technical instruments (Word Form and paper version) used for the Syllabus were easy to access
 - 6 responders from 11 strongly agreed
 - 4 responders agreed
 - 1 responder NA
- The document is practical and dynamic
 - 3 responders from 11 strongly agreed
 - 6 responders agreed
 - 1 responder stayed neutral
 - 1 responder NA
- The Syllabus add a sense of accomplishment and a feeling of progress for the project
 - 7 responders from 11 strongly agreed
 - 3 responders agreed
 - 1 responder NA



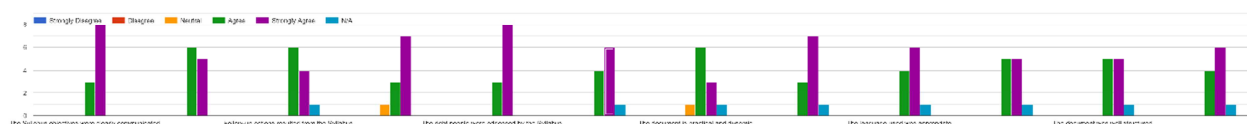
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- The language used was appropriate
 - 6 responders from 11 strongly agreed
 - 4 responders agreed
 - 1 responder NA
- The document had the appropriate length
 - 5 responders from 11 strongly agreed
 - 5 responders agreed
 - 1 responder NA
- The document was well structured
 - 5 responders from 11 strongly agreed
 - 5 responders agreed
 - 1 responder NA
- The document was well understandable
 - 6 responders from 11 strongly agreed
 - 4 responders agreed
 - 1 responder NA

4. Now we have a few questions about the layout and content. Please tell us your level of agreement with the following statements about the Syllabus, using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree. If a statement does not apply to you, please select 'NA'.



5 Feedback on the outcomes of the Syllabus

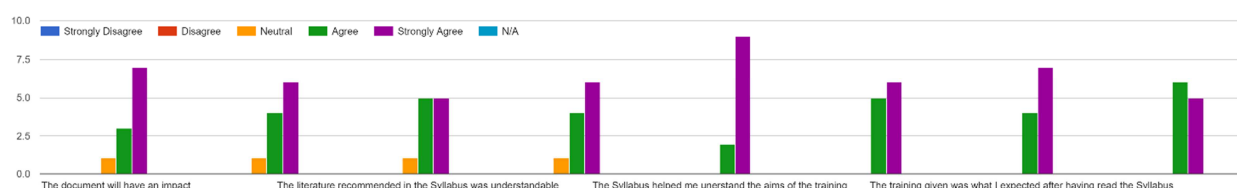
We would also like your feedback on the outcome of the Syllabus. Please tell us your level of agreement with the following statements using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree. The structures of the questions were the following:

- The document will have an impact
 - 7 responders from 11 agreed
 - 3 responders from strongly agreed
 - 1 responders stayed neutral
- The document was useful for the training
 - 6 responders from 11 strongly agreed
 - 4 responders agreed
 - 1 responder stayed neutral
- The literature recommended in the Syllabus was understandable



- 5 from 11 strongly agreed
- 5 responders agreed
- 1 responder NA
- The literature recommended in the Syllabus was useful
 - 6 responders of 11 strongly agreed
 - 4 responders agreed
 - 1 responder stayed neutral
- The Syllabus helped me understand the aims of the training
 - 9 responders of 11 strongly agreed
 - 2 responders agreed
- The training met the objective described in the Syllabus
 - 6 responders from 11 strongly agreed
 - 5 responders agreed
- The training given was what I expected after having read the Syllabus
 - 7 from 11 strongly agreed
 - 4 responders agreed
- The Syllabus were distributed early enough to make myself familiar with the training and the recommended material
 - 5 responders from 11 strongly agreed
 - 6 responders agreed

5. We would also like your feedback on the outcome of the Syllabus. Please tell us your level of agreement with the following statements using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree.



6 *Appropriate length of Deliverables*

The Syllabus were not appropriate in length, what would you have added or deleted?

- Nothing
- In general, the program was created at the highest level.
- Personally, in my experience so far, the Syllabus is quite appropriate in length and content
- Nothing to add, everything is clear



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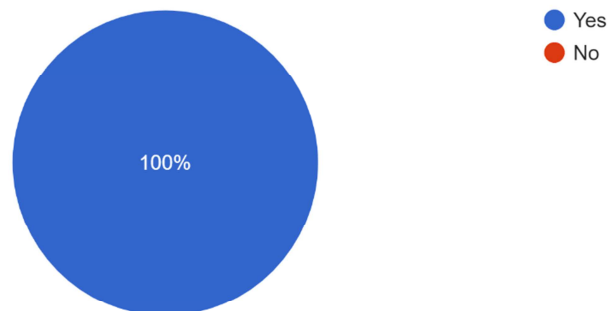
7 Disagree with any of the point above in No.5, please comment here mentioning the reasons and the concerned document.

- No comment
- -
- There are no any disagreements in the point No.5.

8 Workflow timing

8. Were the Syllabus sent on time?

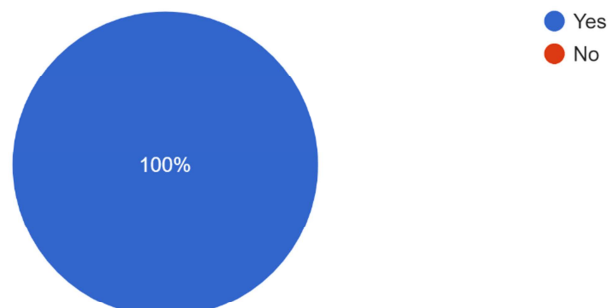
11 responses



9 Workflow commentary

9. Did you get the chance for comments and criticism?

11 responses





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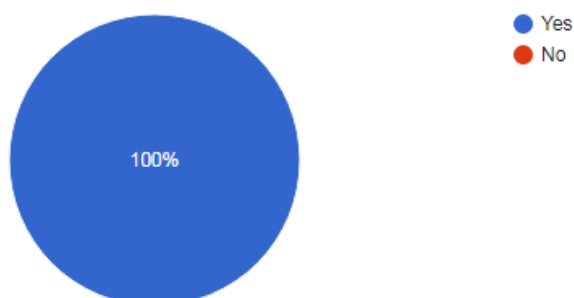


10 Workflow revision

10. Was D1.2 produced in an appropriate time after the questionnaire was closed?



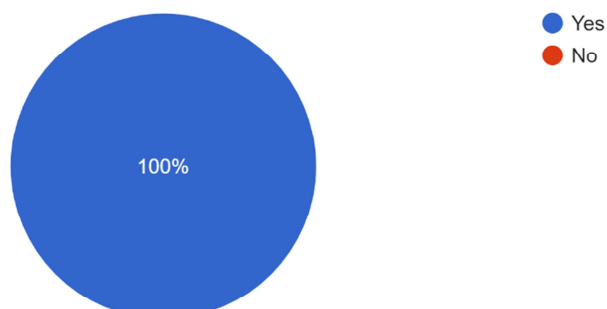
18 responses



11 Workflow timing II

11. Was the final documents produced and sent in an appropriate time after the draft was circulated?

11 responses





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12. If the answer to question 9 was no, what comments would you have on the document?

- -
- The answer is YES. Therefore, only positive comments.
- No comment

13 Any Other comments

- No comment
- Thank you very much for very interesting and useful training
- No comments, everything is clear, understandable and meets the requirements and objectives.
- Want to mention that HiedTec Project is the first project in my experience that everything is planned in advance and strictly goes by plan. That really makes pleasure. Good luck for all of us!

CONCLUSION

This report is the evaluation of the Syllabus created for HiEdTec project.

We chose a questionnaire as methodology to estimate the quality of work and evaluate the results for future deliverables. We had max. 11 responders what is the number corresponding to the participants involved in the document's creation and the participants who actually will use the Syllabus.

We can conclude from answers that:

- the quality of the Syllabus is very high,
- the quality of the Syllabus and the usability is high,
- the workflow and timing between partners is on high level,
- content of developed deliverables is appropriate,
- the Syllabus is useful for users.