Institute of Electronics and Telecommunications under the
Kyrgyz State Technical University named after I. Razzakov
International Telecommunication Union

«CONNECT A SHCOOL, CONNECT A COMMUNITY» INITIATIVE

EVALUATION REPORT
of advanced short term courses on
«COMPUTER SKILLS ON INTERNET AND WEB-TECHNOLOGIES»

Training for trainers

21.04.2014- 25.04.2014

Teachers Staff:	G. Karimova	*signature*
Course manager:	A.Sadyrbaeva	*signature*

Bishkek- 2014

I. GENERAL INFORMATION

PROJECT	«TRAINING FOR TRAINERS»
Main idea:	**Increase access to information and communication technologies, training in modern information technologies and improvement of rural schools teachers' skills.**
Objective:	To organize short term coursesfor teachers in rural schools on infocommunication and web-technologies.
COURSE NAME:	**Short term courses«Computer skills on internet and web technologies»**
Mainideaofcourse:	The purpose of this course is to teach the teachers in rural schools to operate productively in the information space of the Internet to achieve their communication, technical skills during the designing sites. Training teachers in rural schools the basics of working with information resources in the Internet, the basics of markup language HTML, CSS using methods, the basics of creating sites in the Internet. The program content is oriented to formation of experience in the using of Internet technologies for the professional tasks and skills, development of web-sites: 1) introduce the types of web sites, their functional, structural and technological features; 2) build skills of elementary design, construction, placement and maintenance of the web site; 3) give primary skills of programming in HTML, and the basis of CSS; 4) introduce the basics of web design; 5) build skills to work in teams with complex web projects.
Expected results of training:	As a result of this course participants should: **to know:** 1. principles and structure of the "World Wide Web", the presentation of information on the Internet; 2. kinds of websites; **be able to:** 1. find , save and organize the necessary information from the network using available technologies and software; 2. have the skills to work with different browsers (IE, Opera, Firefox, Chrome, etc.) and finding information via Internet; 3. design, produce and host a Web site ; 4. program in HTML; 5. use basic principles of web design in creating of web pages the, CSS and to analyze and formulate its own position in relation to their structure, content, design and functionality; **have skills:** 1. means necessary to design, create, organize and update the website. Successful learning in this course provides a solid foundation for further study of web-based technologies.

DATE OF COURSE:	
Start Date:	*21.04.2014*
The End Date:	*25.04.2014*
Duration:	*5 days*
Evaluation Date:	*25.04.2014*
Project Manager:	*Director of Institute* signature Prof. B.Nurmatov
Course Staff :	CourseManager *signature* A. Sadyrbaeva Senior Lecturer *signature* G. Karimova

II. COURSE CONTENT
2.1. Technical environments for training

Courses were organized for rural school teachers from Osh region of the Kyrgyz Republic. Classes were held in Osh Institute of Education, which has a modern material and technical base, equipped with multimedia classrooms and computers with Internet access.

2.2. Course program

CONTENT

1st day		
Time	**Themes**	**Used materials and responsible person**
09.00-09.20	**Welcoming, opening training**	**Presentation**
09.20-10.00	**Introduction to subject**	**Presentation**
10.00-10.30	**Coffee Break**	
10.30-12.30	**Introduction to Internet** − What is the Browser (theory)? − How to work with browser (practice)? − Change browser settings? − Searching information in Internet Copy information to computer. − Classification of sites − What is the Email? − Email service. − Creating email. − Sending and receiving messages. − Browse file to the letter. **Provider**. − What is the provider? − Provider in Kyrgyz Republic	**Presentation**
12.30-13.30	*Lunch* time	
13.30-14.00	Review of daily materials *Task*	**Used materials** **Video lessons**
14.00-15.00	Web page, Introduction to HTMLtechnologies − What is Web page? − What is the Hyperlink? − How to create Hyperlink? − Creating web-page in text editor MS Word − Creating hyperlink in text editor − Classification hyperlinks	**Presentation** **Video lessons**
15.00-15.30	**Coffee Break**	
15.30-16.50	Review of daily materials *Practice tasks:* − Create web-page in text editor MSWord − Create several copies web-pages − Create hyperlink every page into main page	**Used materials** **Video lessons**
16.50-17.00	***Blank form: Proposes for the next lessons, questions***	
2nd day		
09.00-09.30	**Previous days' materials review**	

09.30-10.30	− Main structure of HTML documents
	− What is a "tag", attributes
	   − title and
	     paragraphs in HTML pages(<p>,<h>)
		Presentation
		
		Video lessons

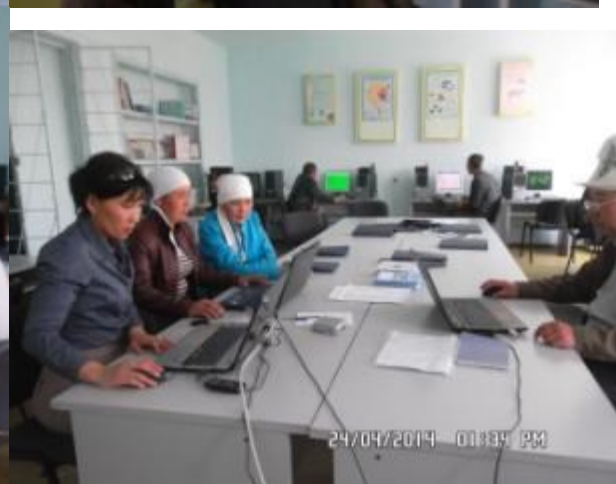|		
	– Tags and attributes for list and marking HTML pages (,) – TAG and creating hyperlinks(<a>)	
10.30-11.00	**CoffeeBreak**	
11.00-12.30	**Practice** *Tasks* **:** – Create 1-HTML page – Use tags and tittles and forparagraphs – Enter marking and lists – Create link to the another page – Enter images into page – Create links to the images	**Presentation**
12.30-13.30	*Lunch time*	
13.30-14.00	**Practice discussion**	
14.00-15.00	**TAG and (*proposition*)** – TAG and table(<table>) – Attributes and TAG and table(border, color) – Tag specify the font settings and his attributes(<font>,) – Tag defining color (<color>) – Insert images into pages(<img>) – Create link from the image (<a>)	**Video lessons**
15.00-15.30	**Coffee Break**	
15.30-16.50	**Practice review** *Task:* – Create table in HTML page – Change settings in the table – Insert table into down of – Change image settings – Create link from the image into another page	**Presentation**
16.50-17.00	***Blank form: Proposes for the next lessons, questions***	**Used materials**
<td colspan="3" align="center">**3^d day**</td>		
09.00-09.30	**Previous days' materials review**	
09.30-10.30	Cascade Style Sheets(CSS) – Introduction to CSS – Types Selection – Selector of tags – ID Selectors – The class selector – Group selector	**Presentation**
10.30-11.00	**Coffee Break**	
11.00-12.30	**Practice review** **Task:** – Create file style.css. saving – Connect style.css into web-page – Using selectors	**Used materials** **Video lessons**
12.30-13.30	*Lunch time*	
13.30-14.00	**Practice discussion**	
14.00-15.00	**Work with styles**	**Presentation**

	− Properties Font-family? − Properties Font-size − Properties Font-color − Properties Font-style − Properties Font-weight − Text-decoration **Work with text** − Properties Text-align. − Properties Text-indent ? **Work with background** − Properties Background	**Videolessons**
15.00-15.30	**Coffee Break**	
15.30-16.50	**Practice review** **Tasks:** − Change style settings web-pages − Correct texts and select row − Change screen page − Insert images in screen page	**Presentation**
16.30-17.00	***Blank form: Proposes for the next lessons, questions***	**Использованные материалы**
<td colspan="2" align="center">**4th day**</td>		
09.00-09.30	**Previous days' materials review**	
09.30-10.30	**Macromedia Dreamweaver HTML Editor** − Download of Macromedia Dreamweaver − Main editor interface − Tools and window properties − Work with window design and code − Creating web-setting − Work with tables − Work with hyperlinks	**Presentation**
10.30-11.00	**Coffee Break**	
11.00-12.30	**Practice review** *Task:* − Create web-page with Macromedia Dreamweaver editor − Create table, − Create link to another page	**Presentation** **Video lessons**
12.30-13.30	*Lunch time*	
13.30-14.00	**Practice discussion**	
14.00-15.00	**Macromedia Dreamweaver (contd.)** − Connection file style.css into web-page − Work with styles − Stylish classes and work with it − Work with web-forms	**Used materials**
15.00-15.30	**Coffee Break**	
15.30-16.50	**Practice review** *Task:* − Macromedia Dreamweaver Editor attaching style.css on the web page − Work with class	

	– Create web-form – (text row, checkbox, button and so on.)	
16.50-17.00	***Blank form: Proposes for the next lessons, questions***	
5th day		
09.00-09.30	**Previous days' materials review**	
09.30-10.30	**Domain and Hosting** – What is domain? – What is hosting? – Free hosting – Replace sites into hosting – Manage sites in hosting	**Presentation**
10.30-11.00	**Coffee Break**	
11.00-12.30	**Practice review** **Task:** – Register in the free hosting – To get domain. – Loading sites in domain – Work with program "total commander"	
12.30-13.30	*Lunch time*	
13.30-15.00	**Testing**	
15.00-16.00	**Rewarding the Certificate**	

There were 2 Coffee Breaks where participants could ask teachers and discuss about class and exchange experience between each other.

All practical and theoretical classes' tutorials were printed and provided to course students, also were shared soft copies of video class materials (see Appendix 2).

On the end of class all participants were tested by test program for knowledge level checking where questions relate with program topics.

Comment Book was created for course participants. Each student should leave opinion about course and give own suggestion according course, teachers, teaching methods and organization of training.

Results of the survey at the beginning of the course

N	Name	Have you participated in previous courses held within the project "School Connect"		Specify what browsers you use most often?					Have you tried creating websites?		Did you work with the program AdobeDreamweaver?		Have you studied the basics of HTML?		Have you studied the basics of CSS?	
		Yes	No	Opera	InternetExporer	MozillaFirefox	GoogleChrome	do not use the Internet	Yes	No	Yes	No	Yes	No	Yes	No
1	AbdikarimovAtay	+						+		+		+		+		+
2	KalybekovaZhumagul	+					+			+		+		+		+
3	MatkasymovAlmazbek	+					+			+		+		+		+
4	MatmusaevTurusbek		+		+					+		+		+		+
5	MurzakulovaTolgonai	+			+					+		+		+		+
6	NematovFakhridin		+				+			+		+		+		+
7	NurmatovZhanybai	+		+						+		+		+		+
8	SansuzbaevaAisalkun		+					+		+		+		+		+
9	TairovaGuliza	+			+					+		+		+		+
10	TanikulovTynybek	+		+						+		+		+		+
11	TashievaGulaim		+				+			+		+		+		+
12	ShamatovaZhamilya	+					+			+		+		+		+
13	YrysovaUmsunai		+		+					+		+		+		+
14	EshbaevSuranbai	+		+						+		+		+		+
	%	64,29%	35,71%	14,29%	28,57%	0,00%	42,86%	14,29%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%

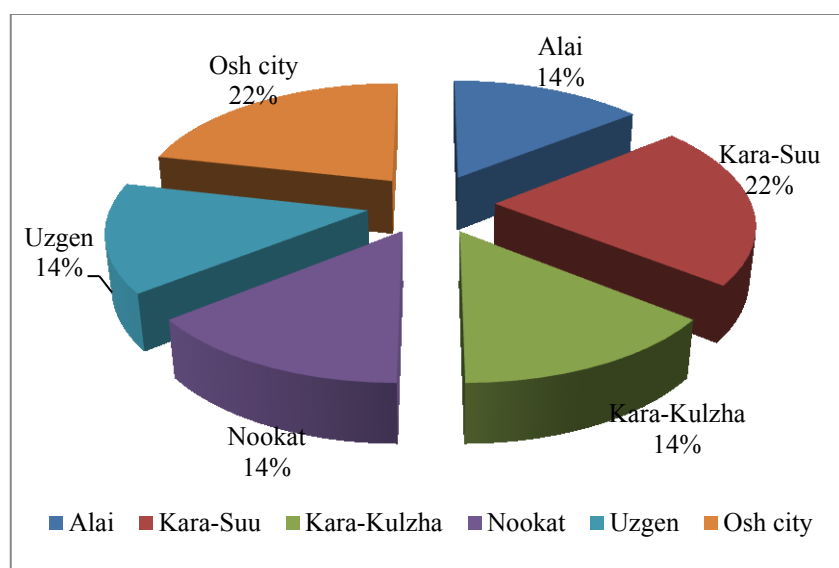**Results of the survey at the end of the course**

N	What topics are not necessary for you, and what topics are you more like and want?	Are all the topics of the course have been passed?	You enjoyed the level of the course? Your opinion about the course	Do you want to participate in the course of the next level? If so, on what?
1	All themes are necessary and useful for me	Yes	The course is held at a high level. In a short time got a lot of useful information	Yes, I want to participate in courses on new information technologies
2	All themes are very necessary	Yes	In rural schools do not have the conditions to improve the knowledge of teachers, so these courses are so necessary for rural schools	Yes, I want to participate in courses on graphics editors
3	All passed topics needed, I was able to improve his knowledge	Yes	Trainers showed their professionalism liked their attitude, and individual attention to each	Yes, I want to participate in courses on programming
4	All themes are necessary and useful for me	Yes	The course is held at a high level, I want to express my gratitude to our coaches	Yes, I want to participate in courses on Corel Draw
5	All passed topics we really need. I liked their teaching methods	Yes	I learned a lot, and want to participate in future courses of this level	Yes, I want to participate in courses on graphics editors
6	All passed topics needed	Yes	The course is held at a high level, have received a lot of useful information available on the Kyrgyz language	I want to participate in the courses to create dynamic sites
7	Acquired skills and knowledge will be used in teaching	Yes	I want to note the excellent teaching quality of teachers	Yes, I would like to participate in courses on programming languages (Pascal, C, etc)
8	All passed topics we really need	Yes	The course is held at a high level. We got a lot of useful information on technology for creating sites	Yes, I would like to participate in courses on programming technology
9	All themes are very necessary to us	Yes	I want to continue the course, I would like to learn the basics of PHP, JScript, etc.	Yes, I want to participate in all courses in design, PHP, Jscript, etc.

N	What topics are not necessary for you, and what topics are you more like and want?	Are all the topics of the course have been passed?	You enjoyed the level of the course? Your opinion about the course	Do you want to participate in the course of the next level? If so, on what?
10	All themes are very necessary to us	Yes	I want to continue the course, as the course held at a high level	Yes, I would like to participate in courses on programming languages (Pascal, C++)
11	All themes need. Were helpful to me	Yes	I want to continue the course, as the course held at a high level	Yes, I would like to participate in courses on programming , and in courses to prepare students for Olympiads
12	All themes need, we got a lot of useful information	Yes	The course is held at a high level, I especially liked the personal touch each student teachers	Yes, I would like to participate in courses onprogramming languages (Pascal, C++)
13	All themes are very necessary to us	Yes	In a short time got a lot of useful information	Yes, I want to participate in courses on programming
14	All themes are necessary and useful for me	Yes	In the future I want to participate in courses such a high level	Yes, I want to participate in courses on graphics editors

2.3. List of Participants

There were 14 rural teachers from Osh region of the Kyrgyz Republic and 7 of them were women:

№	District/city	School	Name	
1	Alai	Arpatektir	Abdikarimov Atay	Teacher on Informatics
2		Madaniyat	Tanikulov Tynybek	Teacher on Informatics
3	Kara-Suu	Kurmanzhan-Datka	Tashieva Gulaim	Teacher on Informatics
4		Kydyrsha	Sansuzbaeva Aisalkun	Teacher on Informatics
5		SydykAlaichy	Shamatova Zhamilya	Teacher on Informatics
6	Kara-Kulzha	A.Osmonov	Eshbaev Suranbai	Teacher on Informatics
7		B.Eshmambetov	Nurmatov Zhanybai	Teacher on Informatics
8	Nookat	U.Saliev	Tairova Guliza	Teacher on Informatics
9		U.Saliev	Yrysova Umsunai	Teacher on Informatics
10	Uzgen	Kyzyl-Too	Matmusaev Turusbek	Teacher on Informatics
11		P.Zholdoshev	Matkasymov Almazbek	Teacher on Informatics
12	Osh city	N41	Nematov Fakhridin	Teacher on Informatics
13		Social college	Kalybekova Zhumagul	Teacher on Informatics
14		Osh institute of education	Murzakulova Tolgonai	Teacher on Informatics

III. COURSE TEST RESULTS

3.1. Testing exam

At the end of course participants was tested according passed tutorials. All result papers attached in *Appendix 3.*
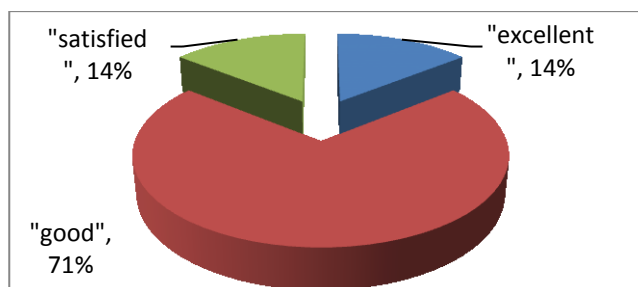
Exam Sheet № _____   Exam Data: *25.04.2014*

N	First, Surname	Numberofcorrectanswers	Numberofincorrectanswers	Percentageofcorrectanswers	Grade
1	Abdikarimov Atay	23	2	92%	4
2	Kalybekova Zhumagul	25	0	100%	5
3	Matkasymov Almazbek	23	2	92%	4
4	Matmusaev Turusbek	21	4	84%	4
5	Murzakulova Tolgonai	25	0	100%	5
6	Nematov Fakhridin	23	2	92%	4
7	Nurmatov Zhanybai	22	3	88%	4
8	Sansuzbaeva Aisalkun	19	6	76%	4
9	Tairova Guliza	20	5	80%	4
10	Tanikulov Tynybek	22	3	88%	4
11	Tashieva Gulaim	16	9	64%	3
12	Shamatova Zhamilya	18	7	72%	4
13	Yrysova Umsunai	14	11	56%	3
14	Eshbaev Suranbai	21	4	84%	4
	Average	**21**	**4**	**83%**	**4**

Total: 14

"excellent"	*2*	*14%*
"good"	*10*	*71%*
"satisfied"	*2*	*14%*
"notsatisfied"	*0*	*0%*

Test program was installed on every participant's computer and test time was 40 min. After completing test everybody could see own results automatically. Heretest paper number,name, surname of tested person, questions and answer, scores and finally amount of correct answers, and it percentage representation and grade. Tests result view:

ЭЛЕКТРОНИКА ЖАНА ТЕЛЕКОММУНИКАЦИЯЛАР ИНСТИТУТУ

ТЕСТТИН ПРОТОКОЛУ №__

Фамилиясы, аты, атасынын аты	**Мурзакулова Толгонай**
Датасы	**25.04.2014**
Окуган курс	**Web-технологиялар**

№	Суроо жана ага берилген жооп	Баллы
1	CSSтин кайсы касиети менен элементтин чек сызыгын белгилеого болот? *border*	1
2	HTML документинде суроттту жайгаштыруу учун кайсы тэг колдонулат? *<img>*	1
3	Курсор шилтемеге алынганда турганда шилтемени корунушун озгортуу учун кайсы псевдо-класс колдонулат? *:hover*	1
4	CSSте элементтердин позициясын корсотуу учун кайсы касиеттер колдонулат? *absolute, relative, static, fixed*	1
5	Номерленген тизмени тузууго арналган тэг кайсы? * *	1
6	Эн кичинекей олчомдогу баш соз кайсы тэг менен берилет? *<h6>*	1
7	<td> тэгинин colspan параметри эмнени тушундурот? *Ячейкаларды горизонталь боюнча бириктирет*	1
8	CSSте шрифттин олчомун корсотуу касиетин корсоткуло? *font-size*	1
9	<hx> тэгинин канча деңгээли бар? *1 ден 6 га чейин*	1
10	Шрифттин жоондугун бер??чу? CSS уракасин корсот? *font-weight*	1
11	CSSте шрифттин олчому кандай белгиленет? *em, px*	1
12	Текстти абзац турунде жазуу учун кайсы тэг колдонулат? *<p>*	1
13	HTML кандайча чечмеленет? *HyperText Markup Language*	1
14	Таблицаны тузуу учун кайсы тэг колдонулат? *<table>*	1

1

15

№	Суроо жана ага берилген жооп	Баллы
15	CSSте padding касиети эмне үчүн колдонулат?	1
	ички чектин маанилерин көрсөтүү үчүн	
16	<em> теги эмне үчүн колдонулат?	1
	Текстти курсив менен жазуу үчүн	
17	Кайсы тег туура синтаксиска ээ?	1
	wisdomweb.ru	
18	Кайсы электрондук почтанын адреси туура жазылган?	1
	mektep@mail.ru	
19	Маркерленген тизмени түзүү үчүн кайсы тег колдонулат?	1
	* *	
20	id="wrap" атрибутуна ээ болгон элементти тандоо үчүн кайсы селектор колдонулат?	1
	#wrap	
21	Гипершилтеме түзүүчү тег кайсы?	1
	<a>	
22	Браузерлер ...	1
	Web-барактарын көрсөтүү үчүн колдонулат	
23	position касиеттин туура маанилерин көрсөткүлө	1
	absolute, relative	
24	CSSтин кайсы касиети тизмени белгилөө үчүн колдонулат?	1
	list-style	
25	<hr> теги аркылуу кандай сызык чийилет?	1
	горизонталдык	

Туура жооптун саны   25

Туура эмес жооптун саны   0

Туура жооптун пайызы   100%

Баасы   5

100 % Туура
0 % Туура эмес

Мугалимдин фамилиясы, аты, атасынын аты _____

_____

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2

On the end of course each participant express his own opinion about course and give own suggestion according course, teachers, teaching methods and organization of training. Teachers noted that courses were very useful and informative.

According test results participants got Certificates.