



Tempus

Development of Embedded System Courses with implementation of Innovative Virtual approaches for integration of Research, Education and Production in UA, GE, AM

DesIRE

TEMPUS-project 544091-TEMPUS-1-2013-1-BE-TEMPUS-JPCR

P07-BGKU Annual Report
from 1.12.2013 till 30.11.2014



WP1 Analysis of current curricula and competences in Embedded Systems

- Experts Panel is created at BGKU (N.Morze, O.Buynytska)
- Curricular analysis are made
- Students opinion analysis – online questionnaire form is created and processed results
- Labor Market Analysis - online questionnaire form is created and processed results
- Analysis of the existing E-learning resources are made



WP1 Analysis of current curricula and competences in Embedded Systems

**МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
КИЇВСЬКИЙ УНІВЕРСИТЕТ ІМЕНІ БОРИСА ГРИНЧЕНКА**

Tempus DesIRE

Методика аналізу складових елементів плану предмету з курсовою підготовкою студентів в області встрайованих систем

2014

АНАЛІЗ НАЧАЛЬНИХ ПЛАНІВ ТА ПРОГРАМ

Назва курсу	Кількість годин	Час	Відомості	Відомості	Відомості	Відомості
1	100	100	100	100	100	100
2	100	100	100	100	100	100
3	100	100	100	100	100	100
4	100	100	100	100	100	100
5	100	100	100	100	100	100

Bohus Grinchenko Kyiv University

АНАЛІЗ НАЧАЛЬНИХ ПЛАНІВ ТА ПРОГРАМ

«Современные технологии программирования»

- M1. Платформа Microsoft.net; элементы «VC++» программы.
- M2. Структурная организация программы.
- M3. Основное чтение объектно-ориентированного программирования (разработка windows-приложений).

«Интеллектуальные технологии в науке и промышленности»

- M1. Вычислительная техника - основа научно-технического прогресса.
- M2. Пакеты программ (Базы данных и языки, автоматизированные системы).
- M3. Численное моделирование (интеллектуальные рабочие станции INTELIGOM).
- M4. Программное обеспечение интеллектуальных рабочих станций и суперкомпьютеров (INTELIGOM - GPU, суперкомпьютера SKITOKI MANU).
- M5. Многоядерные и графические процессоры (GPU и Cloud - системы).

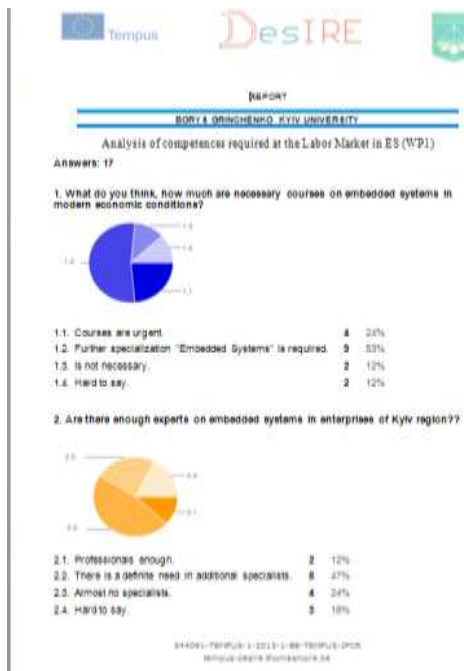
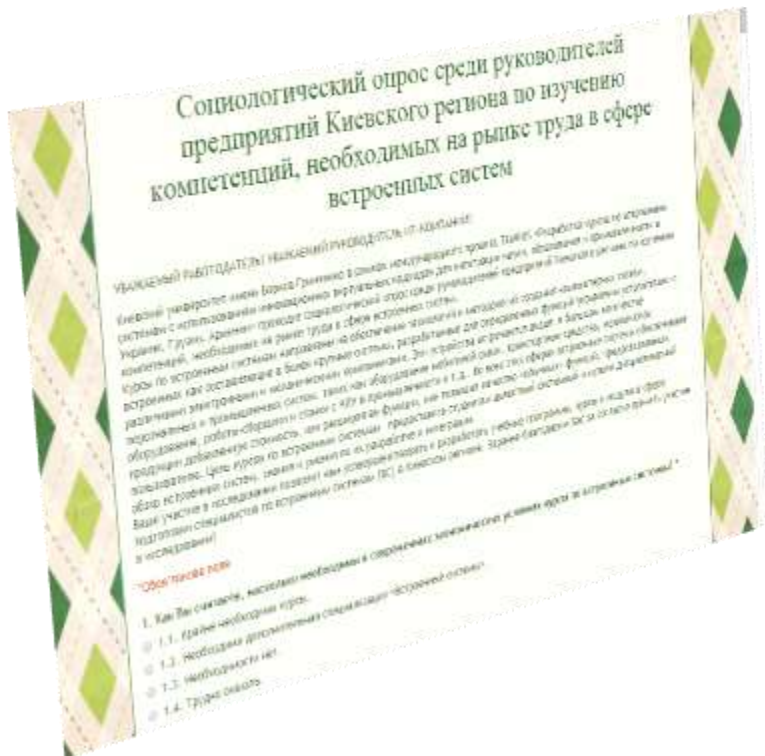
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Аналіз компетентностей студентів в вбудованих системах та підключених програм (WP1)





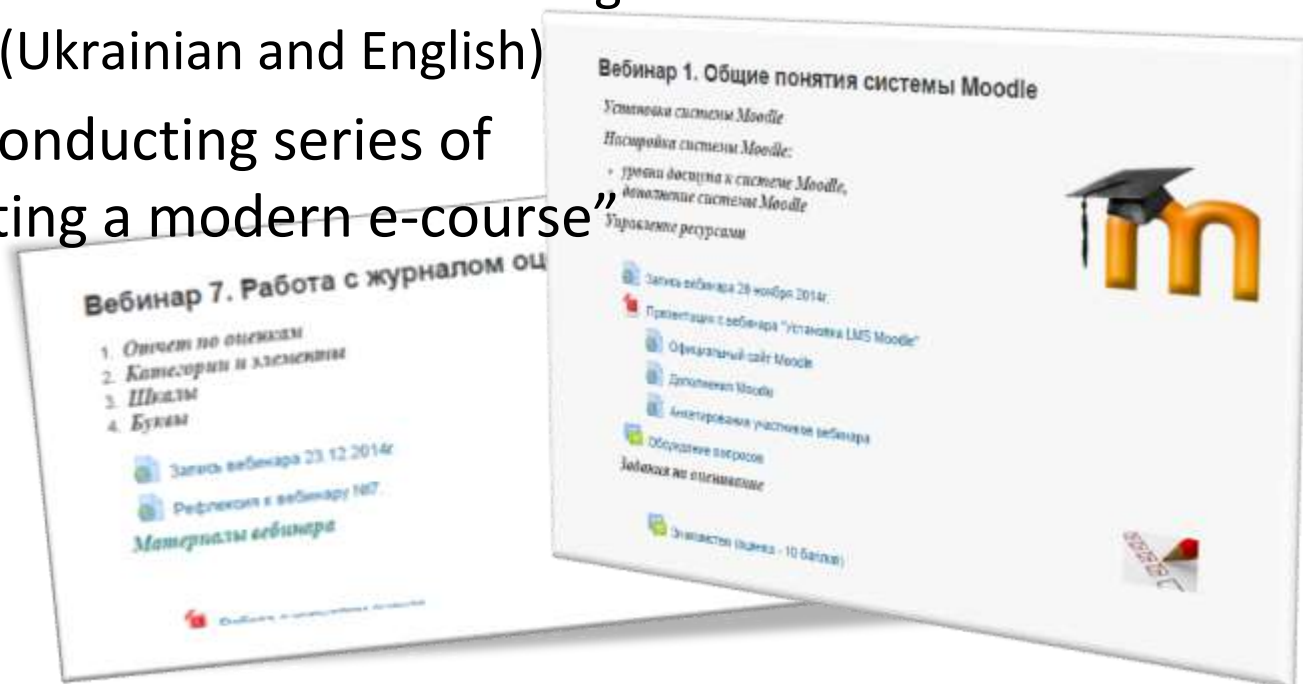
WP1 Analysis of current curricula and competences in Embedded Systems





WP2 Curricula modification and courses development

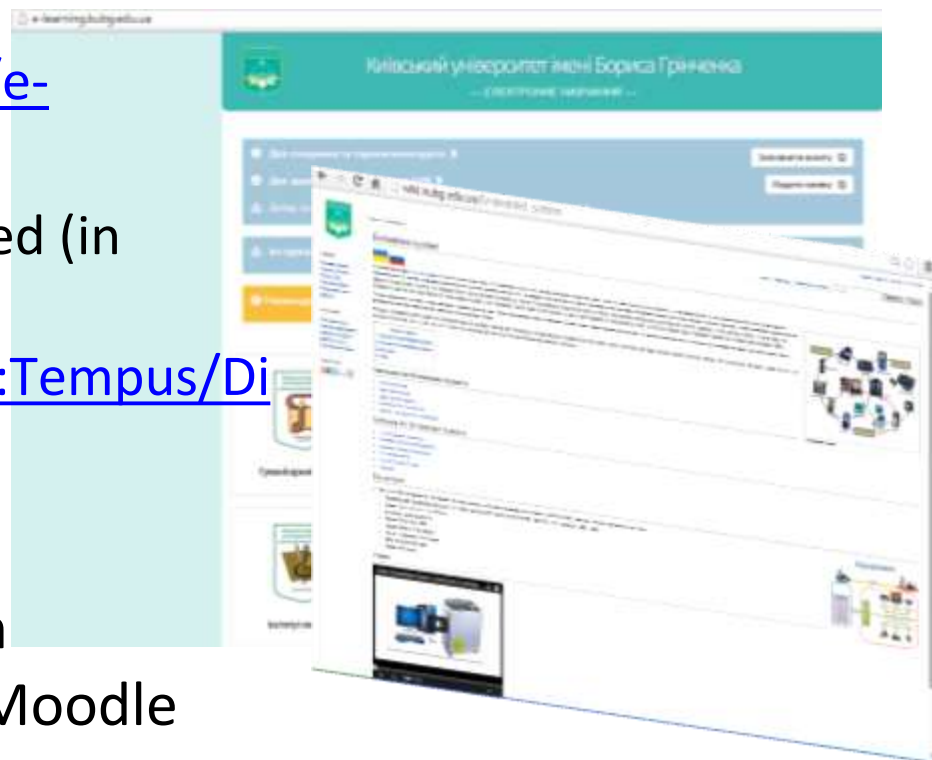
- Development of video tutorials for learning how to use Moodle to create e-courses (Ukrainian and English)
- Preparing and conducting series of webinars “Creating a modern e-course” in LMS Moodle





WP3 Implementing a (virtual) learning environment in ESD eng.

- LMS platform is established <http://e-learning.kubg.edu.ua/>
- Wiki page “Glossary of ES” is created (in English and Ukrainian)
<http://wiki.kubg.edu.ua/Категорія:Tempus/Dictionary>
- Software is purchased
- We have performed webinars in administration and use of LMS Moodle





WP 4 Retrain academic teachers on ESD engineering and virtual learning platforms

- For retrain we have two employees from IT Lab in Education and two more from Chair of Informatics
- Those departments take part in a project: IT Lab in Education, Chair of Informatics



WP6 Quality Assurance and Quality Control

- Adaptation of European training framework for IT professionals in the field of software engineering



WP 7 Dissemination and Enterprise Collaboration

Dissemination and Enterprise Collaboration :

- Website project <http://tempus.kubg.edu.ua/>
- Wiki page of project <http://wiki.kubg.edu.ua/Tempus>
- DESIRE group – in social network Facebook
<https://www.facebook.com/groups/880310795319581/>
- TEMPUS Project DesIRE page in social network Facebook
https://www.facebook.com/pages/Desire/296933070470784?skip_nax_wizard=true



WP 7 Dissemination and Enterprise Collaboration

- Dissemination and Enterprise Collaboration





WP 7 Dissemination and Enterprise Collaboration

Dissemination meetings in education:

<http://tempus.kubg.edu.ua/chronology-of-events/>

- Presentation of the project for unit managers of the University (03.02.2014)
- Workshop – “Presentation of DESIRE for educational institutions of the region” (13.05.2014)



WP 7 Dissemination and Enterprise Collaboration

Dissemination meetings in education:

- Presentation of the project for unit managers of the University (03.02.2014)





Thank you for your attention!