

eSTART – MULTI-REGIONAL MASTER STUDY PROGRAMME IN THE FIELD OF eACTIVITIES

Goal of the project

The project's goal is to create new learning opportunities, training and development at the master level, based on a multi-regional approach, by developing a program of study focused on the use of ICT technologies and collaborative environments in the organization, teaching and operation according to Bologna process.

The program will be piloted in the training of professionals in the use, implementation and development of e-services, e-work, e-applications and platforms and related technologies.

Short description of the project

Specific objectives:

- acquisition at institutional level of the procedures and methodologies in the organization, implementation and promotion of master programs developed at multi-regional level, supported by new ICT solutions
- achieving an open structure of organization and operation of a Master program, student-centered, developed multi-regionally and allowing flexible access (time, location, curriculum)
- description in terms of skills of a relevant curriculum and implementation of e-activities program (with specialization e-Business, e-Health, e-Government&administration, e-Media)
- providing a program of study focused on an integrated platform using online education and training, based on blended-learning and support offered by ICT for intelligent monitoring and evaluation of educational activities to promote quality
- conduct a pilot program using the procedures, methodology, educational materials and technology implemented with the creation of a virtual community of e-activities.



Project implemented by

Politehnica University of Timisoara
Technical University of Cluj-Napoca
"Transilvania" University of Brasov
Babes-Bolyai University of Cluj-Napoca



Main activities

Development of a framework for implementing multi-regional study programs, at Master level, which are making use of new ICT technologies and modern educational paradigms, such as blended-learning;

Implementing an educational platform for blended-learning, able to facilitate students and teachers co-operation in a multi-regional context;

Curriculum development for the proposed master program on e-Activities, with specializations in e-Business, e-Government, e-Media and e-Health;

Development of the study program, including course materials, practical application, interactive presentations, testing materials and other supporting educational resources;

Implementation and running of the pilot program and evaluation of the feedback from the participants;

Accreditation of the new training program.

Implementation period

01.10.2010 – 30.09.2013

Results

- Framework guide for the implementation of multi-regional study programs, which are making use of new ICT technologies and modern educational paradigms (blended-learning, online learning, e-tutoring)
- Introduction of 4 new occupational codes in the Romanian legislation: specialist in e-Business (COR 251301), specialist in e-Government (COR 251302), specialist in e-media (COR 251303) and specialist in e-Health (COR 251304)
- Development of 26 new blended-learning courses (6 coordinated by UPT)
- Publication of 6 course materials as books to an educational publisher
- Implementation and test of a platform, used for learning management and educational content management
- More than 200 students enrolled for the pilot program in e-Activities (50 from UPT)
- 22 UPT graduates of the full-program.

Applicability and transferability of the results

The developed framework can be transferred to any Romanian university looking for the implementation of blended-learning programs at various levels.

The curricula and educational resources developed are used by the partner universities in running graduate programs and for post-university training, being nationally accredited. The curricula can be transferred nationally or internationally, based on educational agreements.

The developed model, based on open educational resources (OER) can be used by Romanian universities for developing their first MOOCs (Massive Open Online Courses).

Fields of interest

Blended-learning, online learning, instructional design, modern educational technologies, engineering teaching, curricula development, virtual campus, OER – Open Educational Resources, MOOCs – Massive Open Online Courses.



Research centre

Center for eLearning

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Research team

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