

Projekty riešené ako súčasť grantov ERASMUS+ (KA203 - Strategic Partnerships for higher education)

Call 2020 Round 1 KA2 - Cooperation for innovation and the exchange of good practices
KA203 - Strategic Partnerships for higher education

Project Title: **Developing Flipped Methods for Teaching (Tükrözött osztályterem)**

Project No.: 2020-1-HU01-KA203-078844

Grant: **134 736,- EUR (total grant for whole period)**

Project Period: from 2020-09-01 till 2022-08-31

Applicant Organization: Neumann János Egyetem – Hungary

Participating Organizations: Colegiul National Pedagogic Mihai Eminescu – RO, Universidade de Coimbra – Portugal, Burgaski Svoboden Universitet – Bulgaria, Univerzita J. Selyeho – Slovakia, Euromean University Cyprus – Cyprus

Local Coordinator: Mgr. Tóth-Bakos Anita, PhD.

Project description:

Flipped classroom (FC) is a pedagogical approach in which the conventional notion of classroom-based learning is inverted, so that students are introduced to the learning material before class, with classroom time then being used to deepen understanding through discussion with peers and problem-solving activities facilitated by teachers. Although using FC methods has multiple benefits and is growing popularity, researchers and practitioners indicate that among impediments of widespread usage of FC methods are the additional time and technological support in relation to development of flipped learning activities. The flipped approach often involves the investment of significant time and energy on the part of instructors (e.g., recording video lectures; designing additional in-class activities). It is therefore recommended for teachers flipping their courses in team. By working in team, teachers can share their experiences of implementing flipped classrooms as well as their teaching resources

The “Developing Flipped Methods for Teaching” project aims at developing all the necessary flipped learning pedagogical material (out-of-class tasks, pre-assessment tools, in-class activities) for teaching a discipline (psychology) covering a whole academic year course. The project aims at overcoming the difficulties of elaborating multiple materials for teaching with flipped classroom design. By collaboration of six education institutions an entire discipline will be covered with FC materials in seven languages (English, Romanian, Hungarian, Portuguese, Bulgarian, Slovak and Greek), tackling a gap between educational research and practice.

One of the project partners, The Mihai Eminescu National Pedagogical High School (Romania) is a secondary-level educational institute. Due to the particularities of the Romanian education system they offer teacher and kindergarten teacher training program, whereby graduates receive a teacher-kindergarten teacher degree. In Romania psychology is part of the secondary-level school curricula, so high schools can also benefit from educational materials translated to Romanian. Their main role in the project is to translate the developed educational methods by the higher education institutes (HEIs) from the partnership, to test and adapt it to the Romanian requirements. The partnership is composed from other six Higher Education Institutes with Teacher Training Faculties, who have important experience as partners or leaders Strategic Partnership projects and educational innovation.

The main intellectual output of the project are the pedagogical materials for teaching an entire course of psychology with flipped classroom (FC) methods (materials for 30 courses), available in seven languages. Each

pedagogical material is composed of instructional video, out-of-class work plans (online activities) associated with Low-stakes, formative assignments as well as in-class activities and assessment tools.

A questionnaire for surveying data regarding using FC methods in teaching social sciences will also be developed. Survey results will reveal the FC methods and sources used by teachers and academic staff from six partner countries. Results can be used as sources for developing pedagogical materials. Moreover, by publishing the results a source of inspiration will be available for teachers and policymakers for introducing flipped methods in the teaching practice.

Teachers from higher and secondary education institutes will have all the necessary materials for teaching the subject of psychology with flipped classroom methodology. Project results are expected to facilitate the use of FC practices in teaching psychology. Studies indicate that when changing traditional methods to flipped classroom student's performance and satisfaction will improve. FC methods increase student's motivation and their self-confidence, their commitment to learn. Considering scientific evidence, we the project will contribute in general to improving the quality of education, and to the digital literacy and competences of teachers and students.