

Workshop Technology in Health Care

University Colleges UC Leuven-Limburg (UCLL) offer a large range of studies on different campuses and in different faculties, being

- Management & Technology
- Health Care and Social Work
- Teacher Education

One of UCLL's focuses is 'Education for the Future'. This is translated in the so called competences of the 21st century, where multidisciplinary cooperation, critical thinking, communication, ICT literacy, social and cultural competences and creativity become of major importance (Trilling, B. en Fadel, C. (2009) *21st Century Skills. Learning for life in our times*). San Francisco: Jossey-Bass).

The expertise that UCLL has gained in this domain shows in different multidisciplinary educational projects. 'Technology in Health Care' is one of such projects, where students from different fields of education and from different faculties work together on innovative solutions in care and this commissioned by companies and health institutions. A number of these projects have been awarded already.

In the framework of the summer school 'Spirit of Europe: Entrepreneurship, Innovation and Technology' we want to share this expertise with students from abroad by organizing a multidisciplinary workshop 'Technology in Health Care' customized to the participating students. We focus on a multidisciplinary cooperation, technological innovation en entrepreneurship.

We will work on 2 specific cases:

- The design of a wellness area for persons suffering from dementia, focussing on sensor stimulation (scents, colours, images, sounds). Important here is to think about a system that can be adapted to each inhabitant (person centered care-user centered design).
- The development of an app for youngsters with autism: also here we focus on configurability and user friendliness.