H OER meets COL

H.1   OER meets COL: Learning about collaborative online learning with OER

Eric Schoop[1], Florian Lenk-Klioner[1]
*[1] Technische Universität Dresden, Fakultät Wirtschaftswissenschaften,
   Professur für Informationsmanagement*

1   Collaborative Online Learning

Collaborative online learning (COL) is one very promising path to engage in blended learning, as it is a core element to teach as well as assess Twenty-First Century Skills, formulated by the OECD and its Programme for International Student Assessment (PISA). COL is necessary to deepen the understanding of digital learning content (like podcasts, videocasts, e-lectures or xMOOCs) and revive the social component often lost in online courses. Furthermore, educators are willing to adapt and enhance their physical courses with online learning to form blended learning or flipped classroom arrangements but lack the expertise, the technological skills and already available and accessible content to start their efforts with.

The design of advanced blended learning arrangements demands a shift of focus from mere content-based knowledge delivery to moderated interactions between topics, peers and educators. The provision of suitable learning content does not serve primarily as learning resources, but rather as a trigger for active learning as an appropriate combination of individual and collaborative engagement to achieve learning goals which address the higher levels of Bloom's taxonomy. This triggered interaction benefits strongly by demand-driven and goal-oriented tele-tutorial moderation, perhaps based on deeper insight into learners' interactions, provided by Learning Analytics.

2   Open Educational Resources

Open Educational Resources (OER) are a suitable approach to make respective materials available to educators and prepare them for their first blended collaborative learning course. OER are not only openly accessible without copyright issues but can also be individually enhanced, modified and adapted to specific teaching context. This makes it a perfect fit for educators to reuse, tailor and continuously improve their educational instruments in orientation on best practices provided by others. By republishing as OER, a common pool of latest educational resources using collaborative online learning could evolve.

3   Panel

The proposed panel shall discuss the potential of using OER as an interactive medium for collaborative online learning as well as the challenges to be encountered. Furthermore, constructive approaches shall be discussed on how to structure, develop and provide standardized OER on collaborative online learning. The panel consists of international participants with different practical expertise either on OER or on COL.

Background of this initiative is the Erasmus+ (Strategic Partnership) project OER-Codex (Open Educational Resources for Collaborative Online & Distance Education and eXchange).