

ID	3161
Curricular Unit	Project work in Educational Technology
Regent	Carlos Alberto Rosa Ferreira
Learning Outcomes	<p>Promote critical reflection on the inclusion of information and communication technologies (ICT) in the contexts of training technologies.</p> <p>Enable the use and creation of the teaching-learning supported ICT tools and virtual environments.</p> <p>Develop a culture of research and innovation in ICT supported.</p>
Syllabus	<ul style="list-style-type: none"> - The selection and use of technologies in the competences and to promote the diversity of training contexts. - The Open Source Software and its importance in the Education / Training. As the open source movement has changed the Education / Training. Different success stories. Free software in education. - Planning, management and use of tools LMS (Learning Management System). Planning, design and development of online education. Management and configuration of different platforms. Using platforms of different users and coordination elements. Integration with other Web 2.0 tools. -Use of content management systems (CMS).The different CMS platforms. Installation and adjustment of platforms. Back Office -Web 2.0 Tools in Education. The evolution of communication tools. Software that allows the creation of social networks. Collaborative Writing Tools.Tools of online communication.Tools access to videos -Learning objects. Handling of tools that enable the creation of learning object
Evaluation	<p>The task subject to evaluation will consist in the production of ICT application to a training context.</p> <p>Besides the presentation of this support the graduate student must make a report focusing on the following aspects: (1) Purpose of the job. (2) population to which it is addressed. (3) pedagogical and didactic concerns that were taken into consideration when designing and performing the work. (4) techniques in job execution Concerns.</p> <p>The parameters to be considered in the classification of work are: Correction; Relevance; Organization; Presentation accessibility.</p>

Bibliography

- Anderson, T. (2008). The theory and practice of online learning (2nd ed.). Edmonton: AU Press.
- Bonk, CJ, Kim, K.-J., & Zeng, T. (2006). Future directions of blended learning in higher education and workplace learning settings. In Pfeiffer (Ed.), The handbook of blended learning Global Perspectives, Local Designs (pp. 550-567): Pfeiffer.
- Carlner, S., & Shank, P. (2008). The e-learning handbook: past promises, present challenges . San Francisco: Pfeiffer.
- Hung, D. & Khine, M. (Eds.) (2006) Engaged Learning with Emerging Technologies. Springer.
- Salmon, G., & Lawless, N. (ND). Management education for the twenty-first century. In Pfeiffer (Ed.), The Handbook of blended learning global perspectives, spot designs.
- Sancho, JM & Hernández, F. (2006) technology to transform education. Porto Alegre, Editorial Artmed.