ID	2377
Curricular Unit	Theory and Technologies of Communication
Regent	José Manuel Fragoso Alves Diniz
Learning Outcomes	1 .- Identify and analyze basic concepts concerning the origin and Development of Educational Technology as a science. 2 .- Identify, analyze and evaluate different lines of research education in Information Technology and Communication Technology (ICT). 3 .- To know and analyze some of the contributions of cultural psychology for ICT. 4 .- To describe some of the research methodologies applied to use of ICT in education. 5 .- To reflect on the role of research training in new fields involving ICT.
Syllabus	A. Information technology and communication in society; B. The Educational Technology: Origins, development discipline and key trends. C. Main lines of Research in Educational Technology. D. Theories of Learning and Educational Technology Support. E. Some conceptual tools to interpret the technological mediation. F. Procedures and research methodologies in education applied to the field of ICT.
Evaluation	Writing Two individual assignments: a) summary of the themes taught b) a personal reflection on the themes covered by intersecting the ideas of at least two of the recommended texts.
Bibliography	Area, M. (2005) Tecnologías de la información y comunicación en el sistema escolar. Una revisión de las líneas de investigación. Revista electrónica de investigación y evaluación educativa, V. 11, nº. 1. Consulta electrónica: http://www.uv.es/RELIEVE/v11n1/RELIEVEv11n1_1.htm Buendía, L., Colás, P. y Hernández, F. (2003) Métodos de Investigación en Psicopedagogía. Madrid, McGraw Hill. Castells, M. (2001) La galaxia Internet. Barcelona, Plaza y Janés. Daniels,H. (2003)Vygotsky y la Pedagogía. Barcelona, Paidós. De Pablos, J. (2006) Herramientas conceptuales para interpretar la mediación tecnológica educativa. Revista Telos, nº. 67. Consulta electrónica: http://www.campusred.net/telos/articulocuaderno.asp?idarticulo=3&rev=67 De Pablos, J. (2007)Algunas reflexiones sobre las tecnologías digitales y su impacto a diferentes niveles sociales y educativos.En Luisa Aires y Otros (coords.):Comunidades Virtuais de Aprendizagem e Identidades no Ensino Superior.Universidade Aberta,Lisboa, pp