

Joint Master's Programme on Information and Communication Technologies for Education  
 course "Deployment of Digital Applications"  
 acad. year 2012-2013, Spring semester

### COURSE DESCRIPTION

course title	Deployment of Digital Applications elective course
teaching hours and ECTS credit units	4 teaching hours per week 10 ECTS credit units
course webpage	<a href="http://eclass.uoa.gr/courses/MEDIA129">http://eclass.uoa.gr/courses/MEDIA129</a> (registration credentials available by the course instructors)
instructors	Michalis Meimaris, Professor, Faculty of Communication and Media Studies, University of Athens Dimitris Gouscos, Assistant Professor, Faculty of Communication and Media Studies, University of Athens
contact data (M.Meimaris)	email : <a href="mailto:mmeimaris@media.uoa.gr">mmeimaris@media.uoa.gr</a> webpage : <a href="http://www.media.uoa.gr/people/facultymembers/meimaris.html">http://www.media.uoa.gr/people/facultymembers/meimaris.html</a> office : Stadiou 5 building, room 702 student hours : upon prior contact by email
contact data (D.Gouscos)	email : <a href="mailto:gouscos@media.uoa.gr">gouscos@media.uoa.gr</a> webpage : <a href="http://www.media.uoa.gr/~gouscos">http://www.media.uoa.gr/~gouscos</a> office : Stadiou 5 building, room 707 student hours : upon prior contact by email
teaching support	teaching of this course is supported by the Laboratory of New Technologies in Communication, Education and the Mass Media (NTLab, <a href="http://www.media.uoa.gr/ntlab">http://www.media.uoa.gr/ntlab</a> ) of the Faculty of Communication and Media Studies, University of Athens

<p>subject and objectives of the course</p>	<p>the subject of this course is to present theoretical background, methodology principles and technical tools for learning through playful interaction with digital media, with emphasis on the use of social media, social games, digital toy libraries, locative media, digital storytelling and intergenerational communication; focus is placed on topics of the formal education curriculum as well as extra-curricular learning objectives</p> <p>the objectives of the course are to provide students with</p> <p>(a) knowledge background for concepts and theory</p> <p>(b) practical skills for development and evaluation</p> <p>(c) practical skills for reporting desk- and field-level research work with respect to the exploitation of digital media for learning</p>
<p>instructional activities</p>	<ul style="list-style-type: none"> <li>- lectures on theory topics</li> <li>- study of suggested readings</li> <li>- presentations of ongoing research work for digital media-based learning</li> <li>- type A assignments (study of literature)</li> <li>- type B assignments (in-class interventions)</li> </ul>
<p>suggested readings</p>	<p>instead of standard textbooks the following indicative readings, which correspond to the subjects of interest for this course, are recommended :</p> <ul style="list-style-type: none"> <li>- Social Media for Trainers: Techniques for Enhancing and Extending Learning Jane Bozarth   Pfeiffer, 2010</li> <li>- The New Social Learning: A Guide to Transforming Organizations Through Social Media Tony Bingham &amp; Marcia Conner   ASTD &amp; Berrett-Koehler, 2010</li> <li>- Digital Storytelling in the Classroom New Media Pathways to Literacy, Learning, and Creativity Jason B. Ohler (Editor)   Corwin, 2007</li> <li>- Digital Storytelling Guide for Educators Midge Frazel   International Society for Technology in Education, 2010</li> <li>- Pervasive Games: Theory and Design Markus Montola et al   Morgan Kaufmann, 2009</li> <li>- Mobile Media Learning: amazing uses of mobile devices for learning Dickers, S., Martin, J., &amp; Coulter, B.   ETC Press, 2011</li> <li>- Mentoring Across Generations: Partnerships for Positive Youth Development Andrea S. Taylor &amp; Jeanette Bressler   Springer, 2000</li> <li>- Grandpartners: Intergenerational Learning and Civic Renewal, K-6 Linda Winston et al   Heinemann, 2011</li> </ul>

meeting hours and room	Tuesday, 4.00-8.00 pm Navarinou 13a building, ground-floor
time schedule of meetings	students arrive by, course begins at : 4.30 pm 1 <sup>st</sup> part : 4.30 – 6.00 pm, 30' break, 2 <sup>nd</sup> part : 6.30 – 8.00 pm (the 4 <sup>th</sup> quarter of course meetings may be replaced, in some cases, with additional instructional activities)
calendar of meetings	M1 (introductory lecture) M2, M3, M4, M5 (theory and practical examples lectures) M6 (presentations of type A assignments) M7 (design and preliminary presentations of in-class interventions) M8, M9 (digital media and tools hands-on laboratories) M10, M11, M12 (invited lectures) M13 (presentations of type B assignments)
mandatory attendance	attendance of all course meetings is mandatory student absence can be excused only in cases of force majeure, subject to a limit of at most 3 non-attended meetings
evaluation of student performance	evaluation of student performance is based - by 50% on the realization of type A assignments, and - by 50% on the realization of type B assignments
type A assignments (study of literature)	type A projects are assigned to student groups and consist in studying, summarizing and critically discussing book chapters and papers from the course's suggested readings the results of a type A assignment are presented in the form of an overall oral presentation, as well as an overall written report and accompanying files, to be delivered at the student examination dates (1 <sup>st</sup> or 2 <sup>nd</sup> period)
type B assignments (in-class interventions)	type B projects are assigned to student groups and consist in designing, implementing, evaluating and critically discussing a teaching intervention in a real class, based on the use of digital media for learning the results of a type B assignment are presented in the form of an overall oral presentation, as well as an overall written report and accompanying files, to be delivered at the student examination dates (1 <sup>st</sup> or 2 <sup>nd</sup> period)

<p>pre-requisite courses and background knowledge</p>	<p>attendance of the “Learning and Entertainment in a Digital Environment” course in the Winter semester serves to better contextualize and comprehend course “Deployment of Digital Applications” in the Spring semester, without being officially pre-requisite</p> <p>technical skills pre-requisite to attendance of this course are limited to familiarity with personal computers, application software (e.g. word processing, presentations) and internet browsing</p> <p>reference examples and papers come for their biggest part from research and practice in a number of countries abroad</p> <p>suggested readings come from their biggest part from non-Greek literature</p>
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