

Web Design Curriculum and Syllabus Based on Web Design Practice and Students' Prior Knowledge

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Abstract

The Advanced Technical School from Novi Sad set up a completely new study group for web design in 2004. The paper explains its organization and gives course descriptions. When it was established, there were not many similar groups in the world exclusively dealing with web design, whose programs could serve as role models, hence the curriculum and syllabus had to be based on our own experience. They cover inevitable web issues like usability, user-oriented web design, accessibility, privacy and security, which are briefly discussed in the paper. The purpose of the research referring to web accessibility and privacy presented in one of the sections was to help create the two documents. The students' prior knowledge was also an important parameter in their writing. The curriculum and syllabus have been updated recently, and the improved version given herein will be in use from the next academic year.

Keywords: web design, curriculum, syllabus, web issues, accessibility, privacy, security, students' prior knowledge.

Biographies

Tanja Krunić is a lecturer at the Advanced Technical School, Novi Sad, Serbia. She teaches courses in web design and Internet languages and tools. She holds a MS in mathematics and is currently working towards her PhD in Numerical Analysis from the Faculty of Mathematics and Natural Sciences, Novi Sad. Her research interests include important issues like usability, accessibility, privacy, and security on the World Wide Web. She is a co-author of *E-business and Information system securing*, Infotech 2005.

Ljiljana Ružić-Dimitrijević is a professor at the Advanced Technical School, Novi Sad, Serbia. She teaches courses in computers, computer graphics, and development of the Internet. She got her MS degree in mathematics at the Center of Multidisciplinary Studies, Belgrade in 1991. Her field of expertise is graphics in web design. She is head of the graphic department.

Branka Petrović is working as a lecturer at the Advanced Technical School, Novi Sad, Serbia. She holds a BA in English and Literature from the Philosophy Faculty, Novi Sad and teaches courses in general English and English for special purposes. She is particularly interested in developing additional teaching materials.

Robert Farkaš is a senior lecturer at the Advanced Technical School, Novi Sad, Serbia, where he teaches courses in graphic design, multimedia and web communications. He graduated from the Art Academy, Novi Sad and attended the Workshop in New Media at Trans-Media-Akademie Hellerau, Dresden, Germany. He participated in several international projects and exhibitions (EIGEN ART, Munich, ART-EXPO, Budapest, Europ*Art, Geneve, COMTECart, Dresden, etc). In 2005 he served as director of the GEF (Global European Fields) project for Serbia and Montenegro.