Complex e-learning system on word processing∗

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Abstract

Word processing is an activity performed more and more frequently, though it has only a marginal role in teaching and learning computer science. In the curricula, it appears briefly as a technical issue, e.g., learners have to study the kinds of menus and icons included (typically and only) in MS Word, and what these menus do in actual application.

Nevertheless, word processing is much more than applying some icons and menus in a word processor. Aesthetic documents can be made through collaboration in typography, design, grammar and – last but not least – the word processor or the typesetting program.

An e-learning course is under construction on word processing, called \TeXM. The course includes four main fields: typographical recommendations, design samples, important grammar rules and programming in \TeX.

This e-learning course can be used in blended courses and distance education in lifelong learning and lifewide learning studying word processing or \TeX. It can be used as on-line help in word processing.

This presentation tackles the main objectives of \TeXM, its knowledge base, the connections of the four fields and treats e-learning considerations, technologies and features applied in the system.

Keywords: e-learning, word processing, typography, \TeX

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