Research and Development of the Web-pages Development Curriculum in Teacher Education Universities aiming at Challenging to the Globalization and Quality Education

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Abstract: In 1992 the Ministry of Education, Culture and Sports of Japan started the new series of in-service teacher training workshop on multimedia utilization, which includes the development of teaching materials, the development of web-pages, and the development of video materials. The major contents of this training workshop are reflected to the five indicators of the 'Check-list of the ICT Utilization Competencies for Teachers.'

In the teacher education universities, however, the development of web-pages has not yet recognized as one of the important topics in the compulsory subject implemented   in 2009, even though the remarkable progress both in hardware and software has been made to realize the globalization represented by the new form of problem solving through interactions between those who have different professions to lead us quality education breaking through the existing disciplines and preparing teachers who can immediately step in and carry out their mission in terms of teaching-learning, researching and management; Students still only learn the html language for the web-pages development.

The purpose of this paper is threefold:

'to present an overview of the impact of globalization accelerated by ICT and its related technologies to highlight the concern about quality education both in in-service and pre-service teacher education;

'to introduce the challengeable curriculum for the development of web-pages utilizing MS-Word and free software especially in consideration about the 'Key Competency' by OECD and 'Education beyond 2015' by UNESCO; and

'to discuss about the problems and issues on this curriculum development.

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