

TOWARDS A CURRICULUM FRAMEWORK FOR DEVELOPING TEACHERS' PERSONAL KNOWLEDGE MANAGEMENT COMPETENCIES

Eric Cheng^{1*}, Sonia Chan², Z. H. Wan³, Vincent Hung⁴, C. P. Lim⁵, Y. C. Lai⁶, T. M. Chan⁷, C. M. Tam⁸

¹(Dr) The Hong Kong Institute of Education, Hong Kong SRA China, eckcheng@ied.edu.hk

²(Ms) The Hong Kong Institute of Education, Hong Kong SRA China, skychab@ied.edu.hk

³(Dr) The Hong Kong Institute of Education, Hong Kong SRA China, wanzh@ied.edu.hk

⁴(Dr) The Hong Kong Institute of Education, Hong Kong SRA China, vhing@ied.edu.hk

⁵(Dr) The Hong Kong Institute of Education, Hong Kong SRA China, clim@ied.edu.hk

⁶(Dr) The Hong Kong Institute of Education, Hong Kong SRA China, yiuchi@ied.edu.hk

⁷(Dr) The Hong Kong Institute of Education, Hong Kong SRA China, tmchan@ied.edu.hk

⁸(Dr) The Hong Kong Institute of Education, Hong Kong SRA China, tamck@ied.edu.hk

*Corresponding author

Abstract:

This paper proposes a curriculum framework in pre-service teachers training program to develop Teachers' Personal Knowledge Management competency. Supporting the sustainable development of teachers as professionals in the knowledge society is—a critical issue in teacher education. Personal knowledge management (PKM) is an intertwined macro-competency that involves cognitive, metacognitive, information, social and learning competencies. If PKM skills are taught, acquired and utilized in each discipline across the curriculum, pre-service teachers can organize, integrate and transform random pieces of information systematically to generate and apply them as personal knowledge. The framework provides pre-service teachers with different degree of opportunities to carry out instructional design, lesson implementation and reflection through e-learning and collaborative action research activities. A self-response questionnaire was conducted to evaluate the courses. Results show that an authentic learning environment could be created to develop pre-service teachers' PKM competencies for achieving effective learning.

Keywords: —Personal Knowledge Management competencies; e-learning; Collaborative Action research; Instructional Design Competency; Teaching Education

Biçimlendirilmiş: Ortadan, Aralık
Sonra: 6 nk, Latin ve Asya karakterleri arasındaki boşluğu ayarla, Asya karakterleriyle sayıları arasındaki boşluğu ayarla

Biçimlendirilmiş: İki Yana Yasla,
Aralık Önce: 6 nk, Sonra: 6 nk, Latin ve Asya karakterleri arasındaki boşluğu ayarla, Asya karakterleriyle sayıları arasındaki boşluğu ayarla