International Journal of Information and Education Technology

CONTENTS

Volume 8, Number 6, June 2018

Rubric Creation Support System for Electronic Portfolio.................................................................400
   Naoshi Sakamoto

Software Design and Development of Data Collection and Analysis for Classroom Teaching and Learning Behaviors.................................................................407
   Yun Cheng, Lili Zheng, Yanli Wang, and Feng Wang

Application of Data Mining in MOOCs for Developing Vocational Education: A Review and Future Research Directions.................................................................411
   Jianzhen Zhang, Jia Tina Du, and Fang Xu

Web-Based Course Delivery Approach in Teaching Mass Communication Courses..........................418
   Shujun Jiang and Ali Rafeeq

The Integration of Media Technology and the Change of Education (IMTCE) — A Study of Model of the Impact of Media Technology on Education.................................................................422
   Xiaochuan Zhu

How Incorporating e-Learning into the Mathematics Curriculum Could Improve Indigenous Students’ Achievement........................................................................428
   Reshmi Salini Ratnam Lakhan and Kumar Laxman

Wearable Technology: Facilitating or Complexing Education?........................................................433
   Belsam Attallah and Zakea Ilagure

Cognitive Neuroscience in Engineering Coursework at Peruvian University Programs.....................437
   Carlos A. Mugruza-Vassallo and Yolanda C. Mugruza-Vassallo

Empirical Research of Motivation on Knowledge Contribution Behavior: A Perspective on Chinese Original Users from Education Multimedia Platform........................................443
   Jing Du, Liyong Wan, Jingjing Xu, and Ronghuai Huang

Design of the Relation Model of Learning Adaptability Based on the Influencing Factors Analysis in Flipped Classroom..................................................................................449
   Jingjing Xu, Jing Du, Wenqian Bai, and Ronghuai Huang

Teachers’ Knowledge and Competence in the Digital Age: Descriptive Research within the TPACK Framework ..................................................................................455
   Liwei Hsu and Yen-Jung Chen

Model Development in Assessing the Career Path of Senior High School Students in Philippine Setting........459
   Jheanel E. Estrada, Glenwin G. Bernabe, Jason S. Lopez, and Joyce Anne S. Potestades
Gender and Performance Expectancy of Agriculture Teachers towards ICT Integration in Swaziland

Mzomba Nelson Dludlu and Nomsa Mndzebele

Construction and Thinking of General Course on Information Science and Technology and Informationization in Higher Colleges and Universities

Shuwang Chang, Yan Jing, and Zhun Ye