

# COMPUTERS IN EDUCATION JOURNAL

COMPUTERS IN EDUCATION DIVISION OF ASEE  
VOL. 4 NO. 4 OCTOBER – DECEMBER 2013 JOURNAL

## CONTENTS

<i>Cooperative Teaching in a Distance Education Environment</i> by Thai, Kuo and Yen .....	2
<i>A Google-Earth Based Engineering Education Tool for Place-Based Learning of Hydrologic Concepts Using a Campus Watershed and Wi-Fi Connectivity</i> by Yigzaw, Hossain and Habib .....	16
<i>Online Learning Environment Design: A Heuristic Evaluation</i> by Hildebrand, Bekki, Bernstein and Harrison .....	27
<i>A Comparison of Student Performance Using Two Different On-Line Lecture Delivery Softwares</i> by Jarvie-Eggart .....	38
<i>A Framework for Developing Collaborative Training Environments for Assembling</i> by Chang, Aziz, Esche and Chassapis .....	44
<i>Can Undergraduates Learn Programming with a “Virtual Professor”? Findings from a Pilot Implementation of a Blended Instructional Strategy</i> by Cernusca and Price .....	60
<i>An Inexpensive Approach for Teaching Adaptive Filters Using Real-Time DSP on a New Hardware Platform</i> by Morrow, Wright and Welch .....	72
<i>Integrating Online Identity Management Tools in a Complete Social Media Literacy Curriculum for Engineering and Technology Students</i> by Vorvoreanu, Boisvenue, Portela and Bao .....	79
<i>Service Learning: Industrial Embedded Systems Course</i> by Barrett and Wambeke .....	89
<i>Development of a Remote Operational Amplifier iLab Using Android-Based Mobile Platform</i> by Oyebisi, Akinwale, Ayodele and Kehinde .....	100
<i>Call for Papers</i> .....	111
<i>Newsletter</i> .....	112