# Handbook of Research on Instructional Systems and Technology

Volume I

Terry T. Kidd University of Texas Health Science Center School of Public Health, USA

Holim Song Texas Southern University, USA



Information Science INFORMATION SCIENCE REFERENCE

Hershey · New York

Acquisitions Editor: Kristin Klinger Development Editor: Kristin Roth Jennifer Neidig Senior Managing Editor: Managing Editor: Sara Reed Holly Powell and Larissa Vinci Copy Editor: Typesetter: Jeff Ash Lisa Tosheff Cover Design: Printed at: Yurchak Printing Inc.

Published in the United States of America by Information Science Reference (an imprint of IGI Global) 701 E. Chocolate Avenue, Suite 200 Hershey PA 17033 Tel: 717-533-8845 Fax: 717-533-8845 E-mail: cust@igi-global.com Web site: http://www.igi-global.com/reference

and in the United Kingdom by

Information Science Reference (an imprint of IGI Global) 3 Henrietta Street Covent Garden London WC2E 8LU Tel: 44 20 7240 0856 Fax: 44 20 7379 0609 Web site: http://www.eurospanonline.com

Copyright © 2008 by IGI Global. All rights reserved. No part of this publication may be reproduced, stored or distributed in any form or by any means, electronic or mechanical, including photocopying, without written permission from the publisher.

Product or company names used in this set are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark.

Handbook of research on instructional systems and technology / Terry Kidd & Holim Song, editors.

p. cm.

Summary: "This book provides information on different styles of instructional design methodologies, tips, and strategies on how to use technology to facilitate active learning and techniques to help faculty and researchers develop online instructional and teaching materials. It enables libraries to provide a foundational reference for researchers, educators, administrators, and others in the context of instructional systems and technology"--Provided by publisher.

Includes bibliographical references and index.

ISBN 978-1-59904-865-9 (hardcover) -- ISBN 978-1-59904-866-6 (ebook)

1. Instructional systems--Design. 2. Educational technology. 3. Educational innovations. I. Kidd, Terry. II. Song, Holim.

LB1028.38.H357 2008

371.33--dc22

#### 2007024155

British Cataloguing in Publication Data A Cataloguing in Publication record for this book is available from the British Library.

All work contributed to this book set is original material. The views expressed in this book are those of the authors, but not necessarily of the publisher.

7 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage: <u>www.igi-</u>

global.com/chapter/adoption-dissemination-digital-game-based/20804

### **Related Content**

#### Game-Based Pilot System for English Learning

Kuo-Chen Li, Cheng-Ting Chen, Hui-Chih Wangand Jia-Sheng Heh (2012). International Journal of Online Pedagogy and Course Design (pp. 86-99).

www.irma-international.org/article/game-based-pilot-system-english/65742

#### Pitfalls in Online Digital Content Creation for Undergraduate Dental Education

Gururajaprasad Kaggal Lakshmana Rao (2024). Innovative Instructional Design Methods and Tools for Improved Teaching (pp. 267-285).

www.irma-international.org/chapter/pitfalls-in-online-digital-content-creation-for-undergraduate-dental-education/339515

#### Teleconference Sessions in Distance Learning Courses: The Influence of Psychological Factors

Stefanos Armakolas, Christos T. Panagiotakopoulosand Anthi V. Karatrantou (2021). International Journal of Online Pedagogy and Course Design (pp. 1-15).

www.irma-international.org/article/teleconference-sessions-in-distance-learning-courses/274317

#### Cases on Higher Education Spaces: Innovation, Collaboration, and Technology

Michael Vallance (2013). *International Journal of Online Pedagogy and Course Design (pp. 96-98).* www.irma-international.org/article/cases-higher-education-spaces/77902

## Model Driven Engineering Applied in E-Learning Development Process: Advanced Comparative Study with ROC Multi-Criteria Analysis

Rachid Dehbi (2017). *International Journal of Online Pedagogy and Course Design (pp. 15-32).* www.irma-international.org/article/model-driven-engineering-applied-in-e-learning-development-process/164971