# 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



Acquisitions Editor: Kristin Klinger
Development Editor: Kristin Roth
Senior Managing Editor: Jennifer Neidig
Managing Editor: Sara Reed

Copy Editor: Holly Powell and Larissa Vinci

Typesetter: Jeff Ash
Cover Design: Lisa Tosheff
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: 717-533-8661

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.

14 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: <a href="www.igi-global.com/chapter/technology-primary-secondary-medical-education/20797">www.igi-global.com/chapter/technology-primary-secondary-medical-education/20797</a>

#### Related Content

## A Procedure to Engage Children in the Morphological and Syntax Analysis of Pedagogic Conversational Agent-Generated Sentences to Study Language

Diana Pérez Marín (2015). *International Journal of Online Pedagogy and Course Design (pp. 23-42).*<a href="https://www.irma-international.org/article/a-procedure-to-engage-children-in-the-morphological-and-syntax-analysis-of-pedagogic-conversational-agent-generated-sentences-to-study-language/126977">https://www.irma-international.org/article/a-procedure-to-engage-children-in-the-morphological-and-syntax-analysis-of-pedagogic-conversational-agent-generated-sentences-to-study-language/126977</a>

### Student Personality Characteristics Differ in MOOCs Versus Blended-Learning University Courses

Ada Le, Cho Kin Chengand Steve Joordens (2018). *International Journal of Online Pedagogy and Course Design (pp. 16-28).* 

www.irma-international.org/article/student-personality-characteristics-differ-in-moocs-versus-blended-learning-university-courses/201113

#### Teaching With Case Studies in Higher Education

Lynne Orrand Linda Weekley (2019). Case Study Methodology in Higher Education (pp. 180-208). www.irma-international.org/chapter/teaching-with-case-studies-in-higher-education/230244

#### The Use of Images in Online Learning: A Qualitative Content Analysis

Jason D. Bader, Chareen Snelson, Patrick R. Lowenthaland Norm Friesen (2022). *International Journal of Online Pedagogy and Course Design (pp. 1-16).* 

www.irma-international.org/article/the-use-of-images-in-online-learning/302088

## Using Concept Maps With Errors to Identify Misconceptions: The Role of Instructional Design to Create Large-Scale On-Line Solutions

Paulo Rogério Miranda Correia, Joana Aguiarand Brian Moon (2020). *Pedagogy for Conceptual Thinking and Meaning Equivalence: Emerging Research and Opportunities (pp. 117-134).* 

www.irma-international.org/chapter/using-concept-maps-with-errors-to-identify-misconceptions/238817