

Accepted Manuscript

Moderating effect of learning styles on a learning management system's success

Patricio E. Ramirez-correa, F. Javier Rondan-Cataluña, Jorge Arenas-Gaitán,
Jorge L. Alfaro-Perez

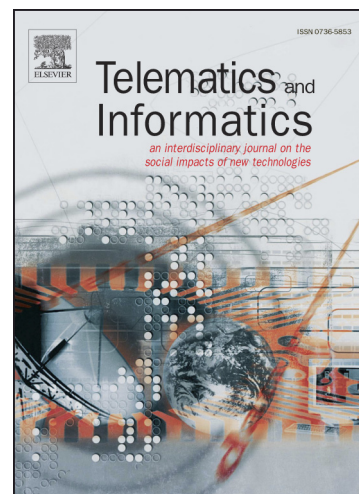
PII: S0736-5853(16)30124-1
DOI: <http://dx.doi.org/10.1016/j.tele.2016.04.006>
Reference: TELE 789

To appear in: *Telematics and Informatics*

Received Date: 19 March 2016
Revised Date: 22 April 2016
Accepted Date: 29 April 2016

Please cite this article as: Ramirez-correa, P.E., Javier Rondan-Cataluña, F., Arenas-Gaitán, J., Alfaro-Perez, J.L., Moderating effect of learning styles on a learning management system's success, *Telematics and Informatics* (2016), doi: <http://dx.doi.org/10.1016/j.tele.2016.04.006>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Moderating effect of learning styles on a learning management system's success

PATRICIO E. RAMIREZ-CORREA*

School of Engineering
Catholic University of the North, Larrondo 1281, Coquimbo
CHILE
patricio.ramirez@ucn.cl

F. JAVIER RONDAN-CATALUÑA

Department Business Management and Marketing
University of Seville, Av. Ramon y Cajal 1, 41018 Seville
SPAIN
Tel: +34 95 455 4427 Fax: +34 95 455 6989
rondan@us.es

JORGE ARENAS-GAITÁN

Department Business Management and Marketing
University of Seville, Av. Ramon y Cajal 1, 41018 Seville
SPAIN
jarenas@us.es

JORGE L. ALFARO-PEREZ

School of Engineering
Catholic University of the North, Larrondo 1281, Coquimbo
CHILE
jalfaro@ucn.cl

*Corresponding author

Abstract

This study uses the DeLone and McLean model to determine the moderating impact of learning styles on the success of learning management systems from a student's point of view. The main objectives of this research are: (1) to evaluate the DeLone and McLean model of information system success in the context of learning management systems and, (2) to determine the effect of the learning styles of students on this model. An in-person survey of 258 engineering students was used to evaluate the research model. The analysis is based on structural equation modelling, specifically partial least squares. The results indicate that the research model explains use, user satisfaction, and perceived benefits of a learning management system. In addition, the Felder-Silverman learning styles (sensing-intuitive, visual-verbal; active-reflective; sequential-global) modify the strength of the relationships between the variables of the success model.

Keywords: e-learning, learning style, post-secondary education, success, moderation.

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات