

Development of a Complex Three-Stage Evaluation Concept under Challenging Conditions: Evaluation of Students' Performance in Laptop-Classes

Vera Popper

Faculty of Psychology, University of Vienna, Austria

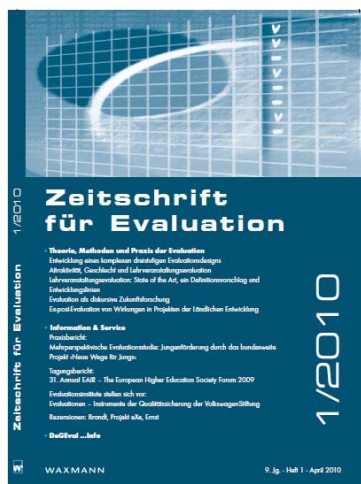
Christiane Spiel

Faculty of Psychology, University of Vienna, Austria

Abstract

The paper describes the development and the application of a three-stage program evaluation procedure while explicitly defined aims of the program were missed. Nevertheless, the evaluators tried to meet the defined standards of evaluations even under such prevailing conditions. Concretely, the paper describes the evaluation of the pilot program 'E-learning and E-teaching in laptop-classes', which has been carried out on behalf of the Federal Ministry of Education, Science and Culture. In the paper we describe 1) the planning and the realization of a workshop in order to define the stakeholders' objectives, 2) the design of a specially tailored and ecologically valid assessment to measure the students' performance, which is expected to have been improved through the program and 3) the enforcement of a post-hoc evaluation of changes in school processes due to the teaching in the laptop-classes. Finally, we discuss the evaluation study taking into consideration the recently published recommendations for clients of evaluations by the DeGEval.

Keywords: Definition of Objectives, Laptop Classes, Performance Test, post-hoc Process Evaluation



Editors:

Prof. Dr. Reinhard Stockmann, Saarland University
(Editor in Chief)
Prof. Dr. Gerd-Michael Hellstern, University of Kassel
Prof. Dr. Helmut Kromrey, Berlin
Prof. Dr. Helfried Moosbrugger, J.-W.-Goethe-University FfM
Prof. Dr. Hildegard Müller-Kohlenberg, University of Osnabrueck
Prof. Dr. Dr. Christiane Spiel, University of Vienna
Prof. Dr. Hellmut Wollmann, Humboldt University of Berlin

Managing Editor:

Stefanie Kihm
Saarland University
Dep 5.2 – Sociology - P.O.-Box 151 150
D-66041 Saarbruecken - Germany
Phone +49 681/302-4328 - Fax. +49 681/302-3899
e-mail: redaktion@zfev.de - Web: www.zfev.de