Evaluation and Assessment in Educational Information Technology

Contents

EDITORIAL

Assessing Learning in the New Age of Information Technology in Education

Leping Liu
D. LaMont Johnson
Cleborne D. Maddux
Norma J. Henderson 1

INSTRUMENTS AND TESTING

Instruments for Assessing the Impact of Technology in Education

Rhonda Christensen
Gerald Knezek 5

Using Interaction Content Analysis Instruments to Assess Distance Learning

Baruch Offir
Yossi Lev
Yael Lev
Ingrid Barth 27

Computer Testing in Education: Emerging Trends

Anna C. McFadden
George E. Marsh II
Barrie Jo Price 43
CURRENT TRENDS AND PRACTICES

Effective Practices in Distance Education
Carmen L. Gonzales
Laura Sujo de Montes 61

Assessing Student Learning in Instructional Technology:
Dimensions of a Learning Model
Leping Liu
D. LaMont Johnson 79

New Directions in the Evaluation of the Effectiveness
of Educational Technology
Walter F. Heinecke
Natalie B. Milman
Lisa A. Washington
Laura Blasi 97

Another Perspective on Assessing the Significance
of Information Technology in Education
Jarkko Alajääski
Jyrki Suomala 111

Evaluation of a Faculty Development Model
for Technology Use in Higher Education
for Late Adopters
Jessica Kahn
Robert Pred 127

Technology Training for Teacher Education in Jamaica:
A Case for Needs Assessment
Moses Peart
Caryl J. Sheffield 151
COATT: A State-Wide Initiative to Evaluate and Improve Teacher Technology Education

Thomas Fox McManus
Michael T. Charles
Reuben A. Rubio
Ellen S. Hoffman
James S. Lenze 165

Technology 2000: Using Electronic Portfolios for the Performance Assessment of Teaching and Learning

Dennis M. Holt
Paula McAllister
Erin Claxton Ingram 185

Assessing Technology Based Instruction in Biology and Geography

Eila Jeronen 199

Index 213