

A Methodology to Assist Faculty in Developing Successful Approaches for Achieving Learner Centered Information Systems Curriculum Outcomes: Team Based Methods

Teresa A. Wagner

Department of Management
Farmer School of Business
Miami University
Oxford, OH 45056

Herbert E. Longenecker, Jr.

Jeffrey P. Landry

C. Scott Lusk

School of Computer and Information Sciences
University of South Alabama
Mobile, AL 36688

Bruce M. Saulnier

Department of Information Systems Management
Quinnipiac University
Hamden, CT 06410

ABSTRACT

All industries face the interrelated challenges of indentifying and training the critical skills needed to be successful in the workplace. Specifically of interest to the information systems field is that any newly trained IS professional has to be equipped to solve increasingly difficult problems with great confidence and competence. In this paper we present the case for IS curriculum implementations (Landry 2008) based on the transformational learner centered methodologies (Saulnier 2008). With this approach, student learners take responsibility for their education and are accountable for the outcomes based on a continuous feedback and self adjustment of goal. We present a methodology for learner centered outcome development by using a template approach developed within a quality process improvement environment. This approach utilizes an existing model curriculum in developing the learner centered attributes. Examples for implementing the approach utilizing team based behaviors are provided.

Keywords: Learner Centered Teaching, Curriculum Development, Outcome Assessment, Quality Improvement Process, Team Based Outcomes, Center for Computing Education Research.