

Chapter 6

Instructional Real World Community Engagement

Caroline M. Crawford

University of Houston – Clear Lake, USA

ABSTRACT

The impact of the instructional real-world community engagement upon the learner's cognitive understanding and subject matter attainment is recognized as a viable and integrally important element within the learner's instructional process. The integration of an active instructional engagement at the real-world community engagement level supports recognition of academic communities of engagement, personal communities of engagement, and professional communities of engagement. The academic community of engagement includes current course colleagues, prior course collegial support systems, and current and prior instructors. Within personal communities of engagement falls friends, family, and social connections. Within professional communities of engagement falls current work colleagues, prior work collegial support systems, and professional organization colleagues.

INTRODUCTION

The imperative needs towards the integration of real world community engagement throughout the instructional process is inherent within the instructional design shifts that are occurring. The Digital Age has introduced the ability to more fully engage the larger community realm within the instructional process, engaging real world professionals, personal relationship engagements and subject matter experts towards supporting the learner's conceptual understandings of the information, cognitive load and self-regulatory concerns of the learner, as well as a recognition that there is a real world connection between learned information and real world implementation of information.

Instructional efforts are important towards developing a knowledge base of subject matter understanding, as well as working with the information in new and different ways so as to further develop a level of knowledge prowess and engage with the information. Yet towards reaching higher order thinking skills (Aini, Nor & Razak, 2015; Anderson & Krathwohl, 2001; Bloom, 1956, 1984; Bloom, Englhart, Furst, Hill & Krathwohl, 1956; Bloom & Krathwohl, 1956; Krathwohl, Bloom & Masia, 1964; Mishra

DOI: 10.4018/978-1-5225-7365-4.ch006

& Kotecha, 2012, 2016; Ong, Hart & Chen, 2016; Zohar & Barzilai, 2015), it is necessary and appropriate to implement the information in project-focused endeavors. Although traditionally these have been class-based projects or controlled projects for a distinct clientele, the engagement of the learner's understanding within a larger real world community engagement impacts the learner's levels of personal and professional motivation, enhanced sense of self-efficacy, as well as self-regulatory efforts that reflect not only course-based efforts but also posing within real world community engagement that may include familial, personal and professional communities of engagement. The impact of real world community engagement upon the instructional environment reflects strongly upon learner motivation, external-to-course knowledge checks and analytical feedback, as well as enhancing the positive self-efficacy of the learner internal to and external to the course environment, with the ultimate impact of the instructional experience extending far beyond the requisite course session designations.

BACKGROUND

Discussions surrounding the important elements that impact the instructional environment are worthy of consideration, as the knowledge base within which this real world community engagement occurs is vitally important. The importance and impact of the real world community engagement within the instructional realm is supported by an understanding of cognitive taxonomies, conceptual frameworks of understanding, social discourse, active instructional engagement and implicit cognitive vulnerability that undergirds the holistic understanding of the distinctive importance associated with instructional real world community engagement.

Cognitive Taxonomies

Bloom's Taxonomy of the Cognitive Domain (Aini, Nor & Razak, 2015; Anderson & Krathwohl, 2001; Bloom, 1956, 1984; Bloom, Englhart, Furst, Hill & Krathwohl, 1956; Bloom & Krathwohl, 1956; Krathwohl, Bloom & Masia, 1964; Mishra & Kotecha, 2012, 2016; Ong, Hart & Chen, 2016; Zohar & Barzilai, 2015) engages in a thought process wherein the instructional process must begin at the knowledge level of learner engagement with the subject matter and then slowly progress through each subsequent level of knowledge engagement and informational understanding (i.e., beginning at the knowledge level, progressing through comprehension, application, analysis, synthesis and evaluation) until the learner has the opportunity to achieve the highest level of the higher order thinking skill capability, specified as the evaluation level of informational engagement. Of interest is Anderson and Krathwohl's (2001) redesigned Taxonomy of the Cognitive Domain for the Digital Age, focusing upon the learner's engagement with the understanding as designated by the lowest level of knowledge engagement (i.e., remember) and then progressing towards the highest level of learner's cognitive engagement with the information (i.e., from remember, and progressing through understand, apply, analyze, evaluate, and create as the highest level of informational engagement and thought process).

The importance of Bloom's Taxonomy, including Anderson and Krathwohl's revised taxonomy, considers the viable considerations revolving around exactly how the learner has the opportunity to work with and to more fully understand the subject matter information through progressively more engaged and analytical aspects of engagement. Towards considering the learner's engagement with this information, it is important to consider the real world implications and intimations, not only how this

13 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:

www.igi-global.com/chapter/instructional-real-world-community-engagement/212801

Related Content

Knowledge Management in University-Software Industry Collaboration

Marcello Chedid and Leonor Teixeira (2021). *Handbook of Research on Modern Educational Technologies, Applications, and Management* (pp. 114-130).

www.irma-international.org/chapter/knowledge-management-in-university-software-industry-collaboration/258788

Public Policy Reforms: A Scholarly Perspective on Education 5.0 Primary and Secondary Education in Zimbabwe

Cleophas Gwakwara and Eric Blanco Niyitunga (2024). *International Journal of Technology-Enhanced Education* (pp. 1-18).

www.irma-international.org/article/public-policy-reforms/338364

Pre-Service Teachers' Perceived Relevance of Educational Technology Course, Digital Performance: Teacher Perceived of Educational Technology

Ogunlade Bamidele Olusola and Bello Lukuman Kolapo (2019). *International Journal of Technology-Enabled Student Support Services* (pp. 41-54).

www.irma-international.org/article/pre-service-teachers-perceived-relevance-of-educational-technology-course-digital-performance/236073

Developmental Supervisory Advancements: Refining the Art of Crafting Creative Approaches and Applications in Educational Leadership

Hesham R. I. Badawy, Ahmed M. Alkaabi, Wissal A. Mohsen and Khadija Mousa Alblooshi (2024). *Cutting-Edge Innovations in Teaching, Leadership, Technology, and Assessment* (pp. 100-119).

www.irma-international.org/chapter/developmental-supervisory-advancements/339773

Student Satisfaction Approach for Enhancing University Competitiveness

Booyesen Sabeho Tubulingane and Neeta Baporikar (2020). *International Journal of Technology-Enabled Student Support Services* (pp. 31-54).

www.irma-international.org/article/student-satisfaction-approach-for-enhancing-university-competitiveness/270262