

Chapter 22

A Case Study: Closing the Assessment Loop with Program and Institutional Data

Robert Elliott
Eastern New Mexico University, USA

ABSTRACT

We know that a nationwide shortage of highly qualified teachers exists, and not enough people are becoming teachers. We also know there are increasing demands for institutions to demonstrate a system of accountability through program assessment. As stated by the State Higher Education Executive Officers (2005), “The National Commission on Accountability in Higher Education believes improved accountability for better results is imperative, but how to improve accountability in higher education is not so obvious” (p. 4). Also, many teacher preparation programs are not accredited, and of the 1,300 teacher preparation programs that existed in 1999, only 38 percent were accredited through the National Council for the Accreditation of Teacher Education (NCATE) (The CEO Forum on Education & Technology, 2000, p. 3). While examining the effectiveness of the Teacher Education program assessment at the case institution, three convergent themes emerged.

BACKGROUND

In 2005, both NCATE and the New Mexico Public Education Department (NM PED) conducted an initial approval site visit to 2 of 14 external campuses of this Texas-based four-year private

University. The purpose of their visit was to assess and approve the teacher education programs administered at this University’s New Mexico campuses under the NCATE and NM PED standards. The only major deficiency identified during the visit was the lack of sufficient evidence in meeting the following standard:

DOI: 10.4018/978-1-60960-857-6.ch022

A Case Study

The unit has an assessment system that collects and analyzes data on applicant qualifications, candidate and graduate performance, and unit operations to evaluate and improve the unit and its programs (National Council for Accreditation of Teacher Education, n.d., p. 4; National Council for Accreditation of Teacher Education, 2005, p. 19).

Although some forms of accountability were being maintained informally, the campus did not meet the NCATE standard on the existence of program accountability through assessment measures. With the team's imminent return in January 2008 to conduct a *Focus Visit* on assessment measures, the need to show evidence that an effective assessment plan and measures were in place was imperative. If documentation of meaningful accountability measures was not evident prior to the scheduled visit, the campus stood to lose program approval to continue administering its educator preparation programs.

SETTING THE STAGE

In addition to the requirement for the Teacher Education Program to meet NCATE standards, approval to operate a New Mexico-based program requires meeting the New Mexico Public Education Division standards, as well. Because only 2 of the 13 off-site campuses operate teacher education programs in New Mexico, and accreditation teams would be visiting these off-site campuses, the director and codirector at the case site decided it would be best to collect and store program data onsite. The software programs used for storing program data are Microsoft Word® and Excel®, and the program director forwards the data to the Education Division Chair at the main campus on a frequent and periodic basis.

Through the efforts of a visionary leader at the case institution, the Office of Institutional Research and Effectiveness (OIRE) was established in 1994. The OIRE is housed at the main campus

and continues to be tasked with providing precise, appropriate analysis needed for effective planning and decision making for improving the institution and its programs. Prior to 1994, the institution experienced much difficulty with collecting and storing institutional data in a centralized location for analysis. As the institution continued to grow in both enrollment and number of campuses, so did the legal demands on the OIRE to respond to an increasing number of reporting requirements and official requests for information. These ongoing reporting requirements include submitting periodic institutional data to Integrated Postsecondary Education Data Systems (IPEDS), National Center for Education Statistics, and the Southern Association of Colleges and Schools (SACS) for accreditation purposes. Examples of required institutional data include those related to the condition and progress of education.

At the onset of this study, the OIRE stored and analyzed only institutional data; not data specific to individual programs of study. Individual departments had collected and stored data exclusive to their programs, and the Teacher Education Program directors at each off-site campus were responsible for conducting analyses of their campus data.

CASE DESCRIPTION

From a program perspective, preparing for an accreditation visit can be a daunting task. Preparing for a *Focus Visit*, which comes after not meeting one or more NCATE standards, can prove even more intimidating. The case study institution was self-selected, based on its need and desire to identify strengths and weaknesses in how it assesses its Teacher Education Program. More pressing was the need to conduct an assessment prior to the scheduled revisit by the joint NMPED and the NCATE board of examiner's (BOE) team in January 2008.

11 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/case-study-closing-assessment-loop/60858

Related Content

Mining the Internet for Concepts

Ramon F. Brena and Ana Maguitman (2009). *Encyclopedia of Data Warehousing and Mining, Second Edition* (pp. 1310-1315).

www.irma-international.org/chapter/mining-internet-concepts/10991

Multilingual Text Mining

Peter A. Chew (2009). *Encyclopedia of Data Warehousing and Mining, Second Edition* (pp. 1380-1385).

www.irma-international.org/chapter/multilingual-text-mining/11001

Action Rules Mining

Zbigniew W. Ras, Elzbieta Wyrzykowska and Li-Shiang Tsay (2009). *Encyclopedia of Data Warehousing and Mining, Second Edition* (pp. 1-5).

www.irma-international.org/chapter/action-rules-mining/10789

Intelligent Image Archival and Retrieval System

P. Punitha and D.S. Guru (2009). *Encyclopedia of Data Warehousing and Mining, Second Edition* (pp. 1066-1072).

www.irma-international.org/chapter/intelligent-image-archival-retrieval-system/10953

Aligning the Warehouse and the Web

Hadrian Peter (2009). *Encyclopedia of Data Warehousing and Mining, Second Edition* (pp. 18-24).

www.irma-international.org/chapter/aligning-warehouse-web/10792