

AQIP Project Update:

Due to Kathy Malcolm by September 10, 2010.

(AQIP requires that the College upload this update no later than September 13th.)

Title	Data Warehouse	Status	ACTIVE
Category		Updated	
Timeline		Reviewed	
Planned Project Kickoff		Created	05-11-2010
Target Completion		Last Modified	05-14-2010

Please answer the following five questions in detail and submit this word document to Kathy Malcolm no later than 09/10/2010. This update will be reviewed by AQIP with potential feedback provide to the College.

Describe the past year's accomplishments and the current status of this Action Project:

The goal of this project is to support a culture of data informed decision making the College will complete the first of five phases to developing a culture of deploying academic analytics. (Capture, report, predict, act, and refine.) This first project will focus on capturing data from multiple sources and in multiple formats; extracting data and migration to a data warehouse, and integrating those data to make them available for analysis. As the College began its assessment of the current culture and readiness to deploy academic analytics through the implementation of a data warehouse it became quickly known that the current personnel lacked the technical data warehouse/academic analytic skills necessary to make a true assessment. So the Project first focused on building that specific knowledge base through training in two content areas: 1) Academic Intelligence Fundamentals: From Data Warehousing to Academic Impact and 2) Data Warehousing; Concepts and Principles: An Introduction to the field of Data Warehousing.

Describe how the institution involved people in work on this Action Project:

The two training components were provided to a broad range of Black Hawk College personnel including student services personnel, Banner Enterprise/Student Module, Finance Module and Financial Aid Module content experts, Human Resource personnel, IT staff and personnel from the Planning and Institutional Effectiveness office. A subset of these individuals then created an Academic Analyst (Data Warehouse) job description which was approved by Presidents Cabinet, funded by Title III grant funds and currently is in the hiring process.

Describe your planned next steps for this Action Project:

Once the position of the Academic Analyst (Data Warehouse) is hired the team will reconvene under the new hires leadership to address the following:

- Assess the readiness of the college to pursue a data warehouse and academic analytic culture
- Conduct a data audit and design a strategy for improving current data and capturing new data,
- Design a plan to store and integrate data from multiple sources and ultimately prepare the college to move to the next stage of *reporting* thru the use of analysis tools that perform queries, examine information, and identify trends, patterns, and exceptions in the data.

Describe any "effective practice(s)" that resulted from your work on this Action Project:

Utilizing and external provider such as The Data Warehouse Institute to providing excellent training and to bring the diverse team to a common set of definitions and understandings enabled the team to identify its strategies for implementation.

What challenges, if any, are you still facing in regards to this Action Project?

The key challenge for the College was understanding that the concept, principles and academic analytics fundamentals were so vast and that there was no common understanding of these terms within the College . To address this challenge the College trained key stakeholders in the organization and assessed its current workforce makeup to determine the need to hire from the external community someone to lead this Project. The learning curve for both the College and the new hire will also be a challenge