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## LEARNING LOG

## The Challenges of Establishing a Technological Ecosystem for a CBE Model

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## DETAILS

MAKING IT WORK, UNDERSTANDING WHAT WORKS, AND SHARING WHAT WORKS

## TITLE

The Challenges of Establishing a Technological Ecosystem for a CBE Model


## SOLUTION

Digital Learning and Next Generation Digital Courseware

## CAPACITIES

Information Technology

## Owner

 [Art Recesso \(/education/s/profile/00536000003BihTAAS/\)](/education/s/profile/00536000003BihTAAS/)

## Record Type

Monthly-Current 2017



## INSTITUTION

University System of Georgia

## REFLECTION

## SITE INITIATIVE

Parallel to the USG efforts to design and pilot a CBE curricular model are the efforts to create a technological ecosystem to support critical characteristics of the model.

## PROGRESS TOWARD STUDENT SUCCESS

A full competency-based learning ecosystem is not as close to realization as hoped for at this point. Industry development of some technical elements of the ecosystem have not emerged as expected or hoped. USG's effort to pilot a next-generation CBE learning management system was terminated early by the vendor. However, USG's project to offer competency-based credentials through a "CBE-optimized" instance of its enterprise LMS has demonstrated that USG has a viable learning environment for CBE.

## IMPACT

We have not collected any data on impact given the challenges of implementing an ecosystem. We are interested in speaking with Frontier Set systems or institutions that have data related to implementation of such systems so that we may present a case of implementing all or parts of the system.

## INTERNAL/EXTERNAL RESOURCES

USG has extensive enterprise level systems in place and available to all 28 institutions:

GeorgiaBEST, enterprise-level student information system support; INGRESS (Intra-Georgia Registration Sharing System) – multi-institutional registration system which aggregates student course enrollments for collaborative programs; GoVIEW, enterprise-level learning management system dedicated to supporting collaborative online programs; Georgia ONmyLINE, system-wide, searchable catalog of online courses and programs.

## NEXT CRITICAL STEPS

Roadmaps for CRM integration with other academic elements (LMS, SIS) have not progressed to production environments. Furthermore, corralling resources to manage such implementation has been a challenge. Implementation of a robust, enterprise-level CRM supported by integration with SIS and LMS student data is regarded as a critical foundation for advanced student support services.

## OPPORTUNITIES/CHALLENGES

The transition from enterprise resources, academic practices and business models of traditional instruction to resources, practices and models designed to support competency-based instruction is a significant leap. For the present, incremental steps toward more personalized elements of learning is the most practical approach.

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#### QUESTIONS/REQUESTS <sup>1</sup>

- How have systems or institutions made the case for implementing parts of or enterprise level systems to support critical characteristics of CBE?
- What characteristics of CBE were most important to support with the technological ecosystem - to gain buy in and momentum?

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#### STATUS

Final

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Completion Date <sup>1</sup>

5/30/2017

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