

Proposed requirements for Durham Tech's implementation of a new LMS 2/16/2011

Below is a "wish list" of items we would like to see incorporated in Durham Tech's LMS. Vendor pricing will vary depending upon the specific functionality the college ultimately requires.

SIS Integration

- Automated (or self-service) creation of course sites for each curriculum section
- Flexibility for admins to manually create sites for selected Con Ed and Basic Skills courses as needed (a relatively small %-age of these courses use the LMS)
- A method for easily copying content from prior courses. Ideally, we'd like a simple, straightforward way for faculty to do this themselves.
Note: A system like Wake Forest's, which allows instructors to create course sites based on list populated from SIS, and to import content from other sites, could accomplish the above goals.
- Auto-population of all course sites with student users (and auto-disabling students who drop), a minimum of once per day. Flexibility to do this on a more frequent basis if it becomes a need.

Active directory integration

- Durham Tech does not currently have a central authentication system. Plans are to develop such a system using Microsoft's Active Directory. When this is developed, it must be integrated with the LMS.

Customized Reports/Processes

- Report that instructors can run to verify student "attendance" (or entry into course site) for audit purposes.
- Ability to push final grades back to Colleague (not a high priority; would be nice)
- Ability to offer a selection of custom syllabus templates from which instructors may choose

Integrations

- TurnItIn
- Google Apps
- iTunes U
- SoftChalk
- NCLOR (Equella) – not a high priority; would be nice
- Math equation editor capability (UVa uses MimeTeX)
- Lecture capture (Sonic Foundry's Media Site or Echo360; we are currently investigating both)

Migration

- Ability to easily and efficiently import tests from Bb directly into new LMS. (This functionality appeared to be present in rSmart's mySakai 2.6, but no longer seems to work in 2.7)

Training

- Provide initial, comprehensive training for 25-50 instructors
- Provide training for system administrators
- Provide online training modules and/or resources to facilitate training remaining faculty

Web Conferencing

- Durham Tech does not currently have a web conferencing system. We would like to pursue getting a web conferencing system that integrates with LMS. Interested in cost-efficient, open source options such as Big Blue Button.

Datatel Web Portal / Mobile App

- Ability to integrate with Datatel's web portal, which is not currently in operation here at DTCC but is anticipated in the 1-2 year time frame
- Mobile app that provides easy access to course information such as announcements, assignments, due dates, etc.