The (Auto)Magic of LibGuides in the LMS
Michael Braun Hamilton & Rebecca Cochran (Community College of Vermont), Steven Prochet (Vermont Technical College)
Prezi: https://tinyurl.com/hartness-automagic

Abstract
Using LibGuides LTI tools, Hartness Librarians (Vermont Technical College / Community College of Vermont) can automatically feed subject and course-specific library content into classes in our learning management system (Canvas). Using these tools we can provide easy access to course-relevant library resources and instructional content for all classes.

Introduction
The Hartness Library serves the Community College of Vermont and Vermont Technical College, providing distance library services to about 8,000 students throughout Vermont. While we have significant instructional resources available electronically, we struggle with how to present these resources and promote awareness of our services to students across the state, including many fully online students.

As part of our recent migration to a new Learning Management System (Canvas), we needed to rework our strategies for integrating library content into courses.

Enter Libguides CMS & the LTI Tool...

LibGuides CMS & the LTI Tool
LibGuides CMS is an upgrade for LibGuides that adds in advanced functionality, including an LTI tool to use LibGuides content in your LMS. (LTI is a standard for integrating third party tools into Learning Management Systems.)
The **LibGuides LTI** includes a tool to manually include LibGuides content anywhere in the LMS that has a rich text editor, as well as an "automagic" tool to automatically include LibGuides in all classes (or a specified subset of classes).

This automagic feature drives our new **Hartness Library Resources**.

**Hartness Library Resources** is a menu item in all Canvas courses. It brings up an "automagic" LibGuide with links to library instructional pages, a library search box, and our chat help widget.

We can also map **subject or course specific guides** to courses. These guides include subject-specific databases, recommended resources, etc.
Backend: LibGuide Architecture

Canvas LibGuides are in a special LibGuides CMS "Group" with minimalized branding.

There is a default "Hartness Library Resources" guide with basic library content.

This content is then mapped to subject and course specific guides. In addition, the subject and course specific guides feature "Best Bet" databases for that subject (fed in using LibGuides database list embed code). Additional resources (books, websites, etc.) are added depending on the subject.

*Note: The boxes are displayed as accordions using custom HTML/Bootstrap code. Contact us for details.*

Backend: Mapping Guides to Courses

The LibGuides LTI lets us define a default guide, as well as specific guides based on course codes. For example, all courses with "V20SP ENV" see the "Hartness Library Resources for Environmental Science" guide, and "T20SP HIS-2140" see the "Hartness Library Resources for Civil War" guide.
Outcomes

The Hartness Library Resources guides showed significant usage in Fall 2019 (the first semester they were rolled out).

In addition, we saw an increase in the views of the instructional pages they link to, indicating that students are using the resources on the guides.

Additional Resources

LibGuides LTI Help
https://ask.springshare.com/libapps/search/?t=0&adv=1&topics=LTI%20Tool

Hartness Library
https://hartness.vsc.edu/

Questions?
michael.braunhamilton@ccv.edu