How to Configure Blackboard for LTI Integration with ALEKS

This document describes in more detail how to handle "Part 2: How to Configure a School's LMS for LTI Integration with ALEKS" in the document "LTI Integration with ALEKS" for **Blackboard** users. The intended audience is Blackboard administrators and Blackboard instructors.

Administrators: Configuring Blackboard for LTI Integration with ALEKS

After you've obtained the LTI Parameters in ALEKS, log in as an administrator in Blackboard.

1. Click on the "System Admin" tab. Make sure the Release version for your Blackboard instance is at least 9.1.8.
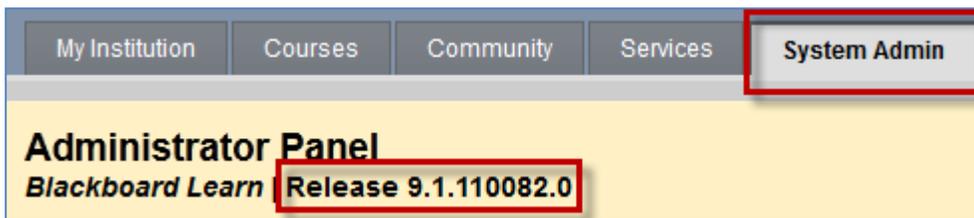
2. Click on the "Building Blocks" link in the Building Blocks section. Then click on the "LTI Tool Providers" link.

3. Click on the "Manage Global Properties" button.

   Here are the recommended settings for the "Feature Availability" section:
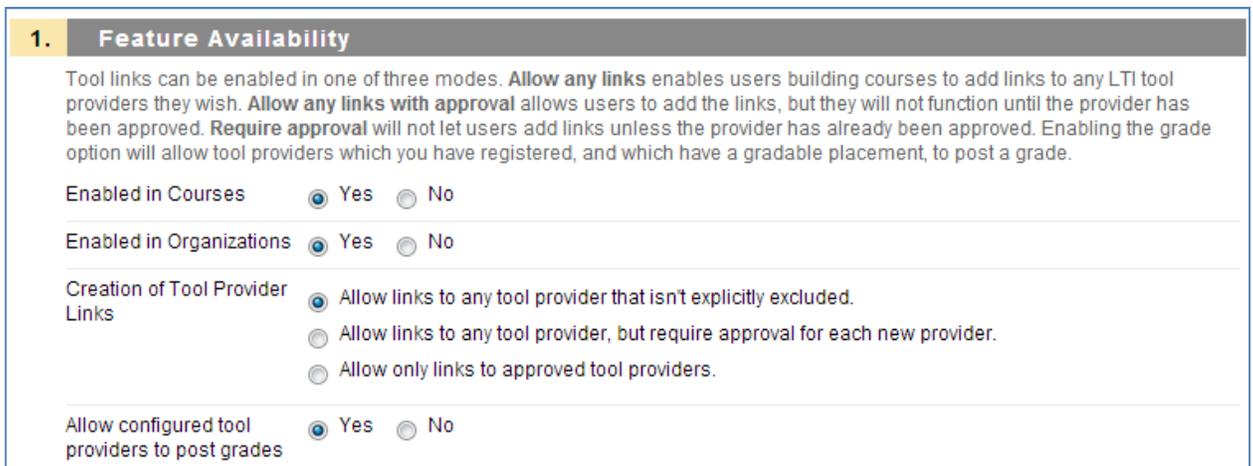
   Make sure to select the "Allow configured tool providers to post grades" option to allow instructors to configure gradebook integration between ALEKS and Blackboard.

Here are the recommended settings for the "Default Configuration" section:

ALEKS is FERPA compliant. Make sure to check the boxes for "Role in Course", "Name" and (optionally) "Email Address".

Click on the "Submit" button at the bottom of the page to save your changes.

4. Click on the "Register Provider Domain" button.

Here are the recommended settings for the "Provider Domain Status" section:

Here are the recommended settings for the "Default Configuration" section. The "Tool Provider Key" and the confidential "Tool Provider Secret" fields will be obtained from the LMS Integration page in the ALEKS Instructor Module.

Here are the recommended settings for the "Institution Policies" section:

Again, ALEKS is FERPA compliant. Make sure to check the boxes for "Role in Course", "Name" and (optionally) "Email Address".

Click on the "Submit" button at the bottom of the page to save your changes.

5. On the "LTI Tool Providers" page, click on the down arrow icon to the right of "secure.aleks.com" and select "Manage Placements".
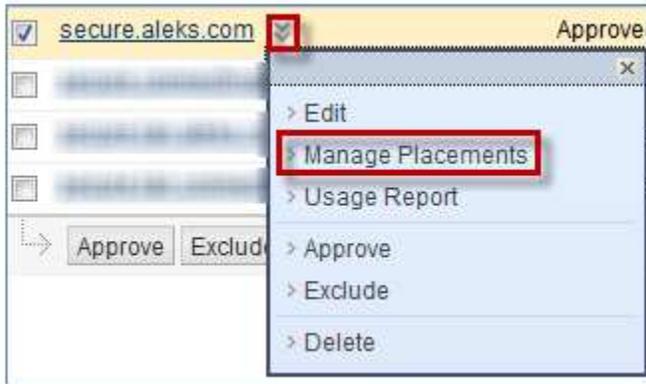
6. Click on the "Create Placement" button. Here are the recommended settings for the "Placement Information" section:

7. Make sure to check the box "Placement allows grading" to allow instructors to configure gradebook integration between ALEKS and Blackboard.

   The ALEKS icon can be found at the following address https://secure.aleks.com/lti/icon_aleks.gif.

   Here are the recommended settings for the "Tool Provider Information" section. The Tool Provider Key and Tool Provider Secret are prefilled.

   Click on the "Submit" button at the bottom of the page to save your changes.

Congratulations! You have successfully completed the Blackboard administrator step to configure LTI integration with ALEKS.

Instructors: Configuring Your Blackboard Course

Log in as an instructor in Blackboard.

1. Click on the "Courses" tab and select your course (or select your course in the "My Courses" section).

2. Click on the "Content" link in the left hand side menu and make sure "Edit Mode" is set to "ON" (otherwise, click on "OFF" to switch to editing mode).

3. Click on "Build Content" (top menu) and select "ALEKS".

4. Enter the name of the link to ALEKS, eg. "ALEKS":

Make sure to select "Enable Grading: Yes" if you would like to configure gradebook integration between ALEKS and Blackboard. Also, enter the "Points Possible" students will earn for their work in ALEKS.

Click on the "Submit" button to save your changes.

5. You should now have a new link labeled "ALEKS" on your course's Content page. Click on that link to proceed to ALEKS.
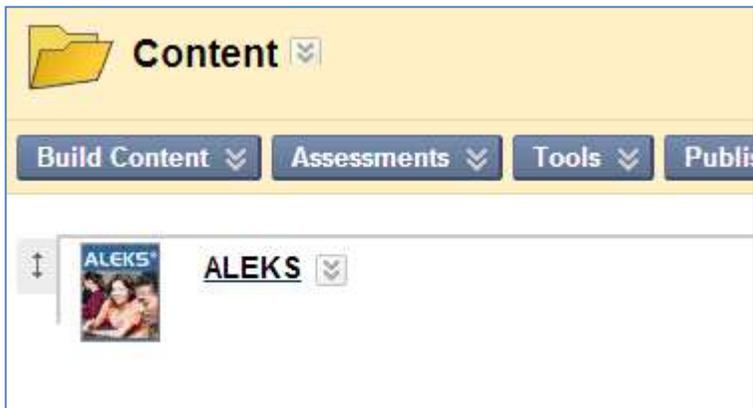
6. Optional: Add an ALEKS link to the course menu for quick access. To do so, click on the "+" icon in the top left corner of the course menu, select the "Course Link" entry. Then click on the "Browse" button. Click on the "ALEKS" link and then, click on the "Submit" button.
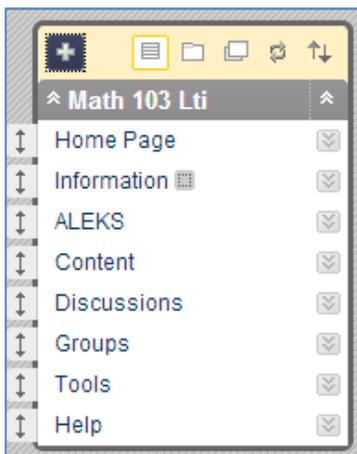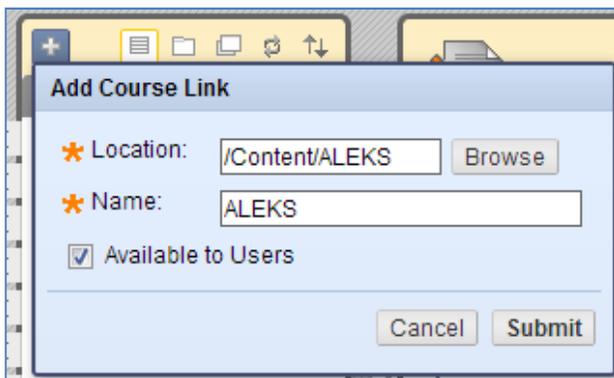
7. You should also have a new column in your Blackboard gradebook as shown below. Under "Control Panel" on the left hand side menu, click on the "Grade Center" link. Then click on the "Full Grade Center" link.

The scores in that column will automatically update with the Total scores from the ALEKS gradebook after you enable automatic gradebok sync on the ALEKS Gradebook Setup page.

Congratulations! You have successfully configured your Blackboard course for integration with ALEKS.