



LTI Tool Admin Guide – Schoology

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Getting Started - Requesting Credentials from Barnes & Noble College

The LMS Administrator will need to request a key and secret in order to successfully author links for courses in the LMS.

Following are instructions on how to access and request a consumer key and shared secret:

- Navigate to the following URL:
<https://blti.bncollege.com/registration/consumer>
- Complete the form, taking note of the required fields:

Field Name	Description
LMS Type	Please select the LMS used at your institution (e.g. Schoology).
School	Enter your institution's name in this field. This is a free form text box with no character limits.
Email	Please enter your institutional email address. An auto-generated email will be sent to this address when the consumer key and shared secret are created.
First Name	Enter your first name in this field.
Last Name	Enter your last name in this field.
Phone	Enter your phone number in this field.
Job Title	We recommend that you also enter your job title. This will help Barnes & Noble College know this request is legitimate.
CAPTCHA	For security purposes. This step must be completed before the credential request can be submitted for processing.

If your institution employs multiple learning management systems, a separate key request will need to be submitted for each.

Once all the required fields are successfully filled, click the **Submit** button to complete your request.

After the credential request has been successfully submitted, the system will direct you to a success page. You will also receive a confirmation email from the Barnes & Noble College LTI Support team with further instructions to set up the LTI integration.



Your consumer key and shared secret will be generated and sent to your provided email address, after you have provided Barnes & Noble College with all of the information requested in the following step.

Testing Link Connectivity with Barnes & Noble College

By testing the link connectivity, you are providing Barnes & Noble College with the parameters used within your Schoology instance. Knowing the Course ID or Course Registration Number format used by your campus will help us devise an algorithm to link students to the correct course materials and instructors to their correct courses.

Steps
1. Navigate to Tools > School Management > Integration or System Admin > System Settings > Integration
2. Click the External Tools tab.
3. Click Add External Tool Provider .
4. A pop-up will appear. Enter the following in the fields: <ul style="list-style-type: none">• Tool Name: Connectivity Test• Consumer Key: <i>test</i>• Shared Secret: <i>test</i>• Privacy: Send Name and Email/Username of user who launches the tool• Configuration Type: Manual• Match By: URL• Domain/URL: https://blti.bncollege.com/lti/1.1/debug• Custom Parameters:<ul style="list-style-type: none">○ <code>section_school_code=\$CourseSection.sourceSectionId</code>
5. Click Submit .
6. Locate and navigate to a current or recent course offering (not a sandbox or test course).
7. Click Materials from the left-hand menu.
8. Click Add Materials .
9. Click Add File/Link/External Tool .
10. Select External Tool .
11. The Add External Tool dialog will appear. Enter the following: <ul style="list-style-type: none">• Tool Provider: BNC Connectivity Test• Title: BNC Connectivity Test <p>Do not modify the URL, Consumer Key, Shared Secret, or Custom Parameter fields. Leave Enable Grading unchecked.</p>
12. Click Submit .
13. Click on the BNC Connectivity Test link.
14. Once the LTI Parameters appear, click “Send LTI Parameters to Barnes & Noble College.”
15. Enter your email, school, and a brief message, then click Submit .
16. Delete the Connectivity Test external tool once complete.

System-Level External Tool Configuration

In this section, the Schoology administrator will create an external tool that will enable the following LTI link at the institution level. This will automatically become available in courses without requiring faculty to handle the key or secret:

- **Purchase Course Materials**
 - This external tool directs students to their course materials on the official bookstore website.
 - A one-time sign-in to the bookstore website links students' LMS IDs to the bookstore site.

If possible, we suggest setting up this link in a staging environment for testing before implementing in your production environment.

Setup for “Purchase Course Materials” Link

Steps
1. In Schoology, sign in as the System Admin.
2. Depending on your environment, navigate to Tools > School Management > Integration or System Admin > System Settings > Integration
3. Click the External Tools tab.
4. Click Add External Tool Provider .
5. A pop-up will appear. Enter the following in the fields: <ul style="list-style-type: none">• Tool Name: Purchase Course Materials• Consumer Key: <i>Enter the consumer key provided to you via email.</i>• Shared Secret: <i>Enter the shared secret provided to you via email.</i>• Privacy: Send Name and Email/Username of user who launches the tool• Configuration Type: Manual• Match By: URL• Domain/URL: https://blti.bncollege.com/lti/1.1/launch/bn_wcs• Custom Parameters:<ul style="list-style-type: none">○ section_school_code=\$CourseSection.sourceSectionId
6. Click Submit .
7. Purchase Course Materials will now appear among your External Tool Providers, and the tool will now be available for faculty to add to their courses.

Testing the Link

After placing the link, we recommend testing it before announcing to your faculty. Install the link within a course as an admin user, and then follow the steps below.

To include Barnes & Noble College in your testing process, please generate test credentials and share them with us via itisupport@bncollege.com.

Purchase Course Materials

Steps
1. Log into Schoology.
2. Select a course that has the LTI link enabled.
3. Once in the course, click Materials .
4. Click the link for Purchase Course Materials . a. You will be redirected to your campus bookstore website in a new tab or window. b. The pop-up may be blocked on the first attempt. Enable pop-ups from your browser.
5. On the first cross-over, you will be prompted to log into your campus bookstore website. a. Please click Create Account , fill out the required information, and click Create Account again to confirm.
6. You will be signed in, and your Schoology account will be paired with the bookstore website. a. You will not have to log in again when using the Purchase Course Materials link in the future, whether from the same course or a different one.
7. On the bookstore website, you are provided with the course materials for the course you selected in Schoology. Text materials will appear in all of the available formats (new, used, rental, and/or digital). a. Once you reach this point, the test is successful.
8. To further verify the account pairing: a. Hover over “Hello, [Your Name]” at the top of the page. b. Click My Account . c. Scroll down to “LMS Account.” If you are linked, you will have the option to unlink your account.

Course-Level External Tool Configuration

Once the System Admin has installed the link according to the above instructions, faculty can install it within their course sites.

Purchase Course Materials

Steps
1. Navigate to your course.
2. Click Materials from the left-hand menu.
3. Click Add Materials .
4. Click Add File/Link/External Tool .
5. Select External Tool .
6. The Add External Tool dialog will appear. Enter the following: <ul style="list-style-type: none">• Tool Provider: Purchase Course Materials• Title: Purchase Course Materials <p>Do not modify the URL, Consumer Key, Shared Secret, or Custom Parameters fields. Leave Enable Grading unchecked.</p>
7. Click Submit .
8. The Purchase Course Materials tool is now available for students in your course.

Going Live

Once you have completed the setup of the Barnes & Noble College LTI link in your production environment, please let us know by reaching out to ltisupport@bncollege.com.

Upon going live, we provide the store manager with an email template that may be used to communicate the availability of the bookstore links in Schoology.

We can also provide how-to documentation to you and the store manager. This would be based on the steps in the Testing and Course-Level Configuration pages above.

Important Notes and Troubleshooting

An Error Has Occurred

If you see the message, “AN UNEXPECTED ERROR HAS OCCURRED. PLEASE CONTACT YOUR CAMPUS BOOKSTORE,” please enable cookies in your browser. This message may also appear if you are attempting to access the link from within a private window.

If the LTI link fails to launch, the pop-out window may be blocked. Please allow pop-ups from your Schoology site, and then attempt the link again.

Additional Error Messages

An error message may appear when the tool link is accessed. The most common errors include:

400 Bad Request

404 Page Not Found

500 Internal Server Error

403 Forbidden

406 Cookie Error

The message that appears will provide more detail as to the nature of the error, and actions to take to resolve it.

Pop Ups Blocked

If the LTI link fails to launch, the pop-out window may be blocked. Please allow pop-ups from your Schoology site, and then attempt the link again.

Contact Us

For help with concerns relating to the LMS integration in Schoology, please contact us by email:

Email Address
ltisupport@bncollege.com