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Moodle 3.11 and higher LTI 1.3 Campus LMS Documentation

Overview

In LTI 1.3 integrations, the LMS platform and tool must **exchange** security information.

- When you integrate with Norton Learning Tools, you'll both receive some information from your Norton contact, and send some information back to them.
- This entire exchange must be completed before you test the tool and start using it.

You must be running **version 3.7** of Moodle (or higher) to use LTI 1.3 tools.

If you have integrated with Norton resources using LTI 1.1, **only follow these instructions if there are no courses actively using the LTI 1.1 tool.**

If there are, please contact your Norton support specialist for guidance.

Part 1: If you have an LTI 1.1 tool for Norton digital products, disable it.

Before you begin:

1. You've discussed the LTI 1.3 integration with a representative from W.W. Norton.
2. A Norton contact has sent you an **Initiate login URL** for your LTI 1.3 integration.

If you were previously integrating with W.W. Norton products using LTI 1.1, then you should disable that LTI tool before registering LTI 1.3 tool.

Only follow these instructions if there are no courses actively using the LTI 1.1 tool. If there are, please contact your Norton support specialist for guidance.

In your Site Administration tools, go to **Manage Tools** and then click the link for **"Manage preconfigured tools."**

Find the LTI 1.1 Norton tool in the list of **Active tools**.

1. Under the **"Action"** column, **click the trash can icon to "reject"** the tool.

- If necessary, you may undo this change by opening the “Rejected” tab and clicking the checkmark icon to reactivate the tool.

Part 2: Register a Tool for W.W. Norton

Using the information that your W.W. Norton contact has sent to you, you’ll be able to configure an external tool for W. W. Norton.

The integration won’t be ready to test or use right away. You’ll need to send the **Tool configuration details** back to your Norton contact first. They’ll let you know when the integration is complete and ready for you to test.

1. In the Site Administration area of your Moodle account, go to “Manage tools.”
2. Select the option to “configure a tool manually”.
3. Fill out the Tool Settings. Make sure to **include the https:// prefix** in all the URLs that you input:
 - **Tool Name:** W.W. Norton Learning Tools, LTI 1.3
 - **Tool URL:** <https://ncia.wwnorton.com>
 - **Tool description:** This is optional and can be anything you want.
 - **LTI version:** LTI 1.3
 - **Public key type:** Keyset URL
 - **Public keyset:** <https://ncia.wwnorton.com/services/lti-keyset.php>
 - **Initiate login URL:** Enter the Initiate login URL the Norton Representative sent to you
 - **Redirection URI(s):** https://ncia.wwnorton.com/lti-1-3/lti_launch.php

4. Custom parameters: leave blank

WWN-437 Home Dashboard My courses Site administration

External tool configuration

Expand all

▼ Tool settings

Tool name W.W. Norton Learning Toc

Tool URL https://ncia.wwnorton.com

Tool description

LTI version LTI 1.3

Client ID VAWjcsGWyx1Mtv

Public key type Keyset URL

Public keyset https://ncia.wwnorton.com/services/lti-keyset.php

Initiate login URL https://ncia.wwnorton.com/lti-1-3/login.php?token=zsrnalziq

Redirection URI(s) https://ncia.wwnorton.com/lti-1-3/lti_launch.php

Custom parameters

Tool configuration usage Show in activity chooser and as a preconfigured tool

- **Tool configuration usage:** “Show in activity chooser and as a preconfigured tool”
- **Default launch container:** “New window “

5. Open the “Services” section, and define these settings:

- **IMS LTI Assignment and Grade Services:** “Use this service for grade sync and column management”
- **IMS LTI Names and Role Provisioning:** “Use this service to retrieve members’ information per privacy settings”
- **Tool Settings:** “Use this service “

6. Open the “Privacy” section.

7. In the “Privacy” section, define these settings:

- **Share launcher’s name with tool:** Always
- **Share launcher’s email with tool:** Always
- **Accept grades from the tool:** Always

WWN-437 Home Dashboard My courses Site administration

Tool configuration usage ? Show in activity chooser and as a preconfigured tool

Default launch container ? New window

☐ Supports Deep Linking (Content-Item Message) ?

Content Selection URL ?

[Show more...](#)

> **Restrict to category** ?

▼ **Services**

IMS LTI Assignment and Grade Services ? Use this service for grade sync and column management

IMS LTI Names and Role Provisioning ? Use this service to retrieve members' information as per privacy settings

Tool Settings ? Use this service

▼ **Privacy**

Share launcher's name with tool ? Always

Share launcher's email with tool ? Always

Accept grades from the tool ? Always

☐ Force SSL ?

8. Click **“Save changes”** and confirm that the new Preconfigured Tool appears on the list.

Part 3: Send some information back to W.W. Norton.

The integration isn't ready to test or use right away. Your W.W. Norton contact will finish the integration after you send back a few pieces of information.

1. Go to the **“Manage Tools”** area and open the **Tool configuration details** for the Norton tool you just configured.

WWN-437 Home Dashboard My courses Site administration

General Users Courses Grades **Plugins** Appearance Server Reports Development

Manage tools

Add tool

Tool URL: Add LTI Advantage Add Legacy LTI

Alternatively, you can configure a tool manually.

[Manage preconfigured tools](#)
[Manage external tool registrations](#)

Tools

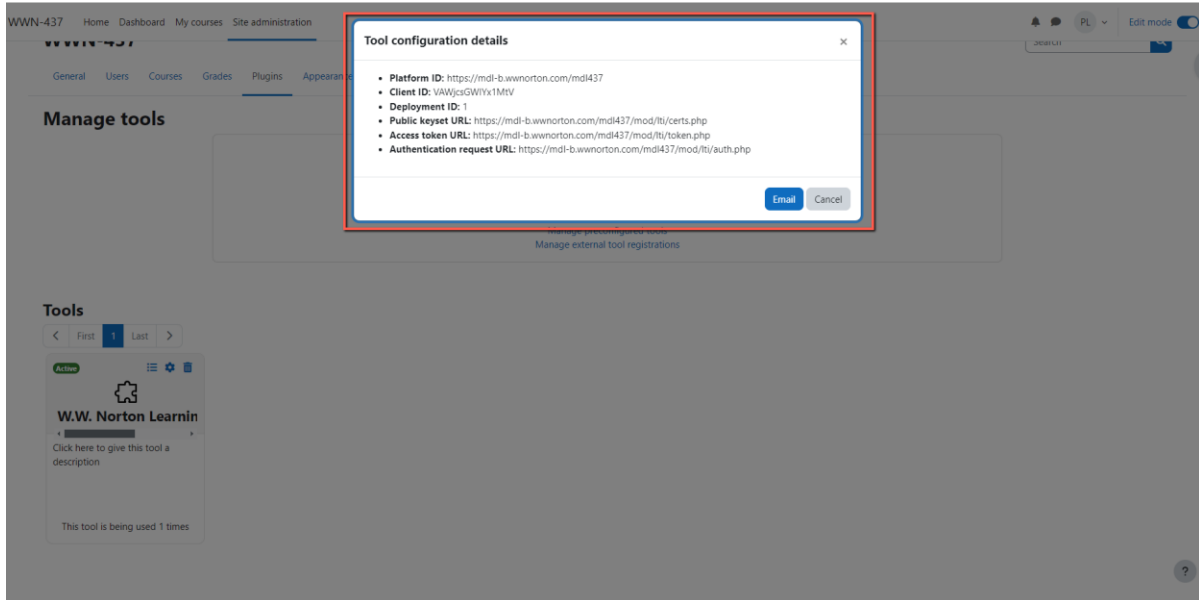
< First 1 Last >

W.W. Norton Learnin

Click here to give this tool a description

This tool is being used 1 times

2. Copy and paste the Tool configuration details in an email to your Norton contact.

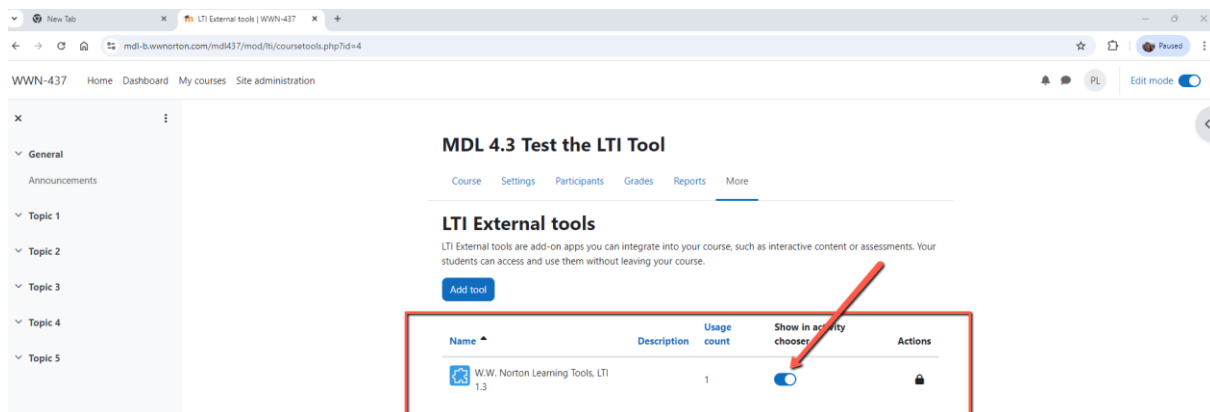


3. Once you've sent this message, you'll need to wait for their reply.

Part 4: Test the LTI tool

Once your Norton contact tells you we've completed the integration, you can test the LTI tool.

1. Toggle **Edit mode** to On
2. Go to a test course shell.
3. From the **More** drop down menu select "LTI External tools"
4. Toggle the W. W. Norton Learning Tools, LTI 1.3 to On or ensure the W. W. Norton Learning Tools, LTI 1.3 is "On" under "**Show in activity chooser**"



5. From the **More** drop down menu select "Course reuse"

MDL 4.3 Test the LTI Tool

Course Settings Participants Grades Reports More

General

Announcements

+ Add an activity or resource

+ Add topic

Topic 1

+ Add an activity or resource

+ Add topic

Topic 2

+ Add an activity or resource

More

- Question bank
- Content bank
- Course completion
- Badges
- Competencies
- Filters
- Unenrol me from this course
- LTI External tools
- Accessibility toolkit
- Course reuse

6. Select “Restore”

7. In the **Import a backup file**, Upload the TestLink.mbz file sent to you by your Norton contact.

MDL 4.3 Test the LTI Tool

Course Settings Participants Grades Reports More

General

Announcements

Topic 1

Test Link

Topic 2

Topic 3

Topic 4

Topic 5

Restore

Import a backup file

Files

Choose a file...

You can drag and drop files here to add them.

Restore

- Click the **Choose a file...** button
- Click the **Choose File** button
- Select the Norton TestLink.mbz file sent to you by your Norton contact
- Click the **Upload this file** button
- Click the **Restore** button
- Scroll down and click the **Continue** button

3. In the **Restore as a new course**

- Select a **category** for the new test course
- Click the **Continue** button
- Scroll down and click the **Next** button
- Name the course you wish to restore to file into

The screenshot shows the 'Import / Restore' page in Canvas LMS. The page title is 'MDL 4.3 Test the LTI Tool'. The breadcrumb trail is 'Import / Restore'. The page has tabs for 'Course', 'Settings', 'Participants', 'Grades', 'Reports', and 'More'. The 'Restore' button is visible. Below the breadcrumb trail, there is a progress bar with steps: 1. Confirm, 2. Destination, 3. Settings, 4. Schema, 5. Review, 6. Process, 7. Complete. The 'Course settings' section is active. It contains fields for 'Course name' (LTI Test Link 3), 'Course short name' (LTI Test Link 3), and 'Course start date' (7 September 2024 00:00). There is a 'Select' dropdown menu with options 'All' and 'None (Show type options)'.

- Scroll down and click the **Next** button
- Scroll down and click the **Perform restore** button
- Click the **Continue** button

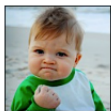
4. In the new test course launch the “W. W. Norton Test Link” while logged in as a test student.

- Enroll a test instructor into the test course
- Enroll a test student into the test course
- In the test student’s user-profile page, select the option to “Log in as” this user.
- Click the Continue button

5. Launch the Test Link while logged in as the student

- Ensure the Test Link page launches in a new window
- Click the **Send Test Grade** button

W. W. Norton LMS Integration Test Page



Success!

LMS integration test successfully launched; communication has been established via LTI between the LMS (the "Tool Consumer") and W. W. Norton (the "Tool Provider").

✓ **Single sign-in** should be enabled.

✓ **Automatic grade transfer** should be enabled.

[Send Test Grade](#)

Test successful! Please check your gradebook to confirm that a grade of 10% was received by the LMS.

LTI parameters received:

✓ **LMS ID:**3fa72739aad5fa8755ecc56a3570c033

✓ **LMS Course ID:**11

✓ **LMS Activity ID:**183

✓ **LMS User ID:**7

✓ **LMS Role (instructor or student):**student

✓ **Grade post-back URL*:**https://mdl-b.wwnorton.com/mdl437/mod/lti/services.php/11/lineitems/117/lineitem?type_id=1

✓ **Grade post-back ID*:**7

* Many LMS's only send a grade post-back URL and ID for students. So if you're viewing this page as an instructor, seeing empty values for either of these parameters probably does not signal an error.

W. W. Norton is an IMS-certified LTI provider. See [this page](#) for our certification information, and [this page](#) for more information about Learning Tools Interoperability.

[Toggle Debugging Information](#)



- [Return to the Course](#)
- In **Grades** ensure the Test Student has a Grade

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General

Announcements

Topic 1

W. W. Norton Test Link

Topic 2

Topic 3

Topic 4

LTI Test Link 3

CourseParticipantsGradesCompetencies

User report

ST Student Test

Grade item	Calculated weight	Grade	Range	Percentage	Feedback	Contribution to course total
LTI Test Link 3						
EXTERNAL TOOL W. W. Norton Test Link	100.00 %	10.00	0-100	10.00 %		10.00 %
AGGREGATION Course total						
	-	10.00	0-100	10.00 %		-

6. If you see errors after clicking the Send Test Grade button, take a screenshot of the Test Page

- Click the Toggle Debugging Information button
- Scroll down and copy/paste the error under the Base String
- Send the screenshot of the Test Page and the error to your Norton contact.