Brightspace/D2L

Last Modified on 10/19/2026 4:45 pm EDT

Note: If you are transitioning from Norton 1.1, we recommend following the steps detailed below between semesters.

Overview

This document provides step-by-step instructions for setting up Norton's LTI 1.3 Learning Tools and the Deep Linking Tool in Brightspace/D2L.

To obtain the required OIDC Login URL, please open a support case to request the OIDC Login URL. Your Norton Customer Success Manager (CSM) will follow up with you and provide the OIDC Login URL needed to complete the installation. Once you receive the OIDC Login URL follow the instructions in this article to add the two Norton LTI 1.3 Tools.

Part 1 provides instructions for adding the Norton Learning Tools, which allows for our legacy links to work. This ensures a seamless transition for instructors who have 1.1 links in their course, or plan to upload new files containing those links.

Part 2 provides instructions for adding the Norton Deep Linking tool, which has deep linking enabled. Deep linking will make your instructors' course set up much easier going forward. As we build additional services into our newer tool, we will eventually deprecate the older one.

- In LTI 1.3 integrations, the LMS platform and tool must **exchange** security information.
- When you integrate with Norton Learning Tools, you'll receive some information from your Norton contact and send some information back to them.
- This entire exchange must be completed before you can test the tools and start using them.

Note: The directions below may vary depending on your campus's instance of Brightspace/D2L.

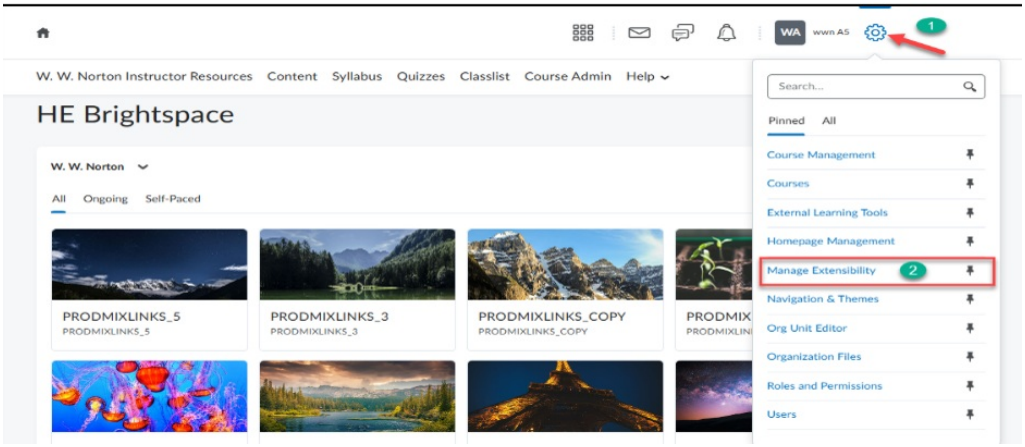
Part 1: Register W. W. Norton Learning Tools

Before you begin:

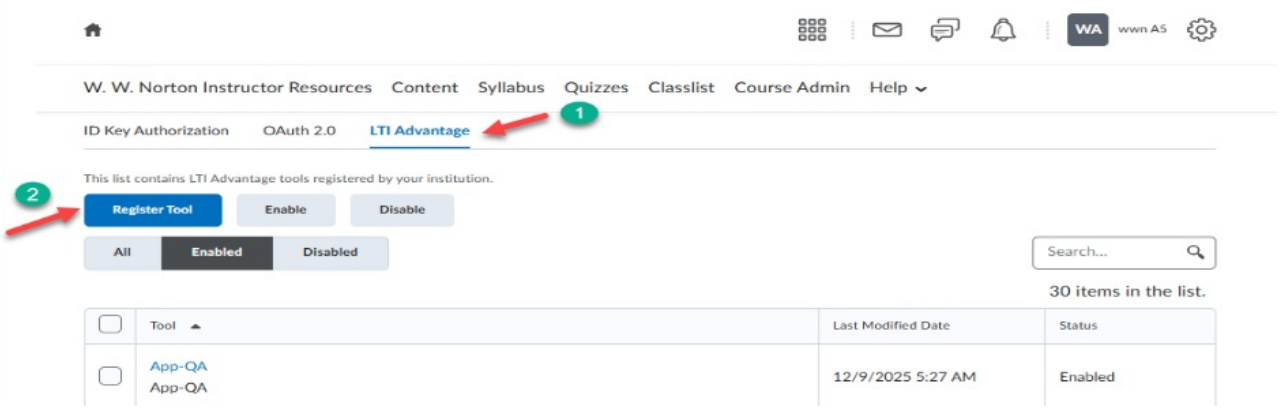
- You've discussed this integration with a representative from Norton.
- Your Norton contact has sent you an **OIDC Login URL** for the Norton Learning Tools

Note: The integration won't be ready to test or use right away. You'll need to send some information back to your Norton contact first. They'll let you know when the integration is complete and ready to test.

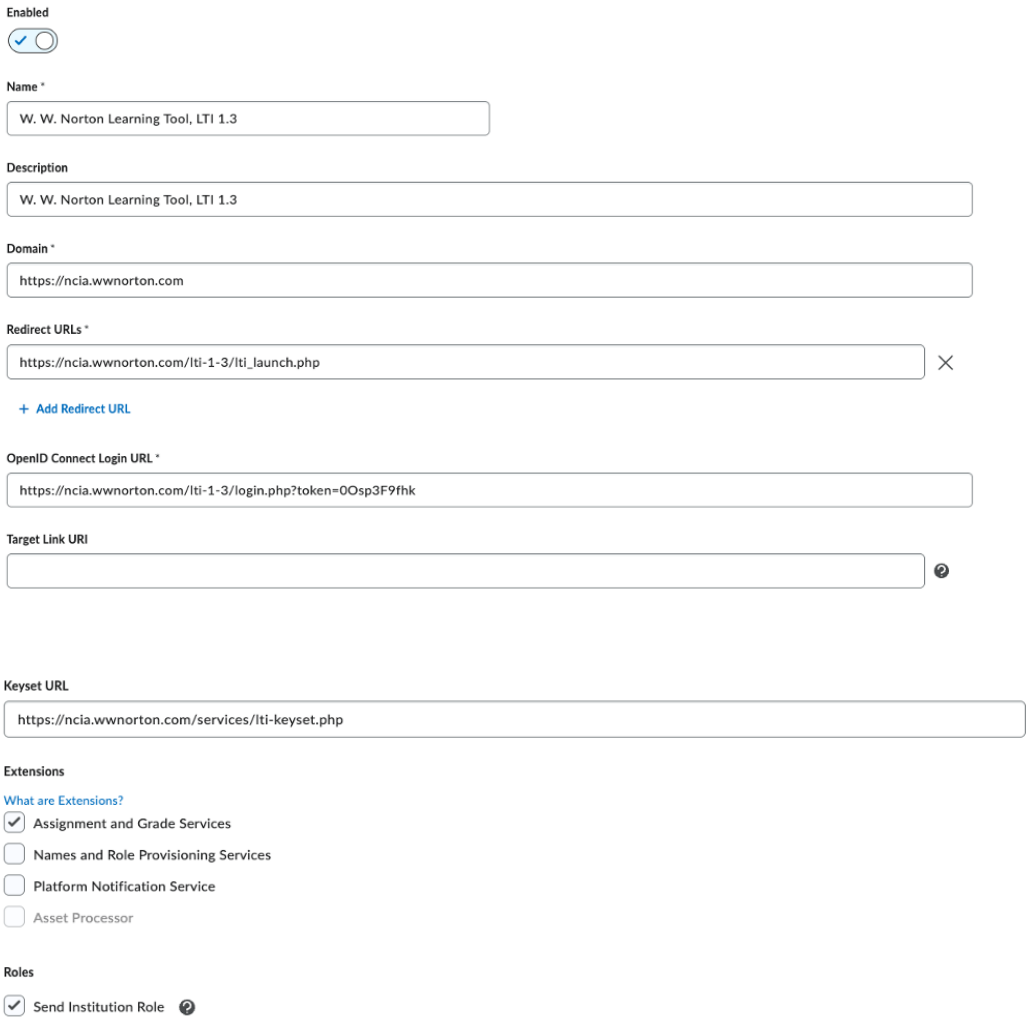
1. Go to **Manage Extensibility** from your account menu



2. When the Manage Extensibility screen opens
    - Click the **LTI Advantage** tab, then
    - Click the **Register Tool** button



- Select **Standard**
- Toggle **Enabled on**
- **Name:** W. W. Norton Learning Tools, LTI 1.3
- **Description:** W. W. Norton Learning Tools, LTI 1.3
- **Domain:** https://ncia.wwnorton.com
- **Redirect URLs:** https://ncia.wwnorton.com/lti-1-3/lti_launch.php
- **OpenID Connect Login URL:** Your Norton contact will have sent you this URL
- **Keyset URL:** https://ncia.wwnorton.com/services/lti-keyset.php
- **Extensions**
    - Select: **Assignment and Grades Services**
- **Roles:**
    - Select **Send Institution Roles** (checked by default)



3. Save the record by clicking on the **Register** button

Send the Registration Details to W. W. Norton

4. Copy the Brightspace Registration Details into a text document or paste into an email and send it to your Norton contact.

5. Your Norton contact will finish the integration. Once you've sent this message, you'll need to wait for their reply

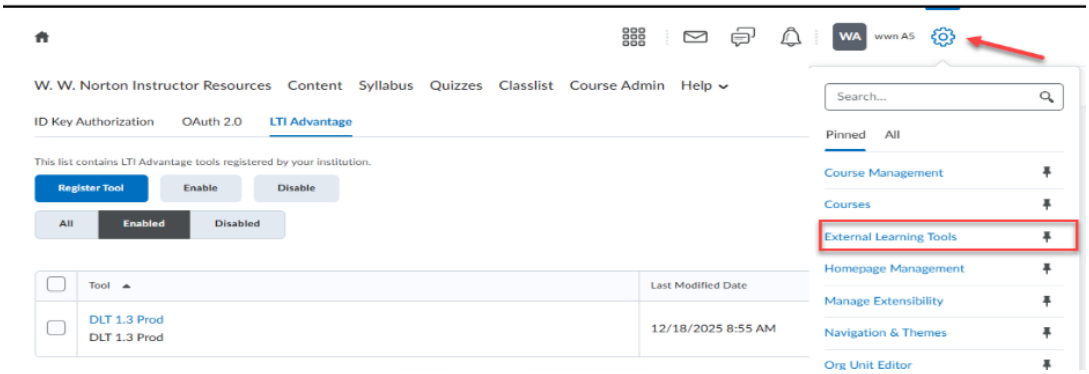
Deploy the W. W. Norton Learning Tools LTI 1.3 Tool

Before you begin:

- You've sent the Registration Details to your contact at W. W. Norton.
- Your Norton contact has confirmed that the integration is complete, and ready to deploy and test.
- You can deploy the External Learning Tool for the entire account, or for smaller units of your organization

1. In Brightspace/D2L, go to the **External Learning Tools** management area from your account menu

2. Click the **LTI Advantage** tab, and click the **New Deployment** button

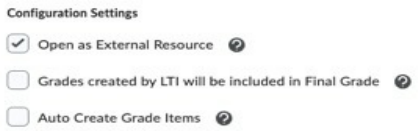


3. You'll see a form for deploying the tool

4. Enter the Deployment details
    - Toggle **Enabled** on
    - Toggle **Auto Migrate** Links on
    - Select the Extension Name from the Tool dropdown menu, W. W. Norton Learning Tools, LTI 1.3
    - **Name**: W. W. Norton Learning Tools, LTI 1.3
    - **Description**: W. W. Norton Learning Tools, LTI 1.3
    - **Extensions**: Select **Assignment and Grade Services**
    - **Security Settings**, select these setting options:
        - **User Information -** If you select this first, all other User settings will be selected by default.
            - Name
                - First Name
                - Middle Name
                - Last Name
            - Email
                - User ID
                - Username
                - Org Defined Id



    - **Configuration Settings**, select **Open as External Resource**

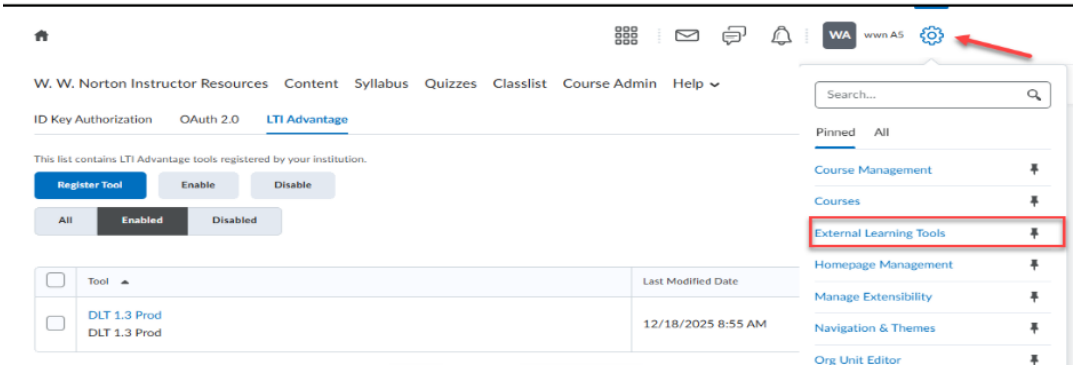


6. On the **Add Org Units** window, look up the courses you'll be adding the tool to, select them, and click on the **Add** Button

7. Click the **Create Deployment** button

Create a Test Link for the Tool

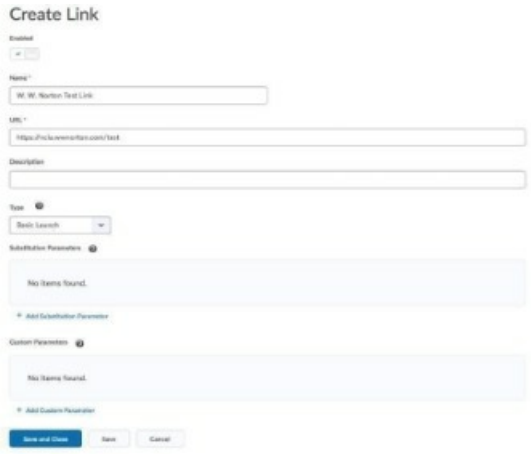
1. With the Deployment page open scroll down and find "**View Links**". Click this to open Links. Note: if you closed it, just click on the Name of your deployment to reopen it.



2. Click **New Link**

3. On the **Create Link** Page:
   - Toggle **Enable** on
   - **Name**: W. W. Norton Test Link
   - **URL**: https://ncia.wwnorton.com/test
   - **Description:** W. W. Norton Test Link
   - **Type**: leave the selection as **Basic Launch**
   - **Substitution Parameters**: leave as is
   - **Custom Parameters**: leave as is

4. Click the **Save and Close** button

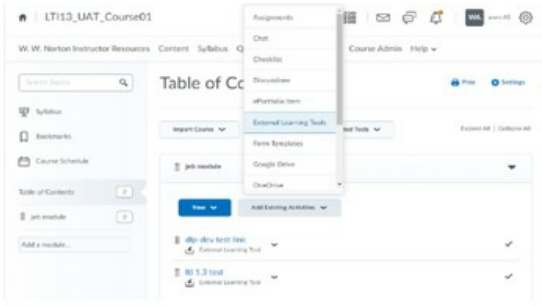


Place the Test Link in a course shell, add a grade item and launch the Test Link while impersonating a student

5. Go to the test course where you made the **Tool Deployment** available. (Click the select a course icon, then choose your test course)



6. Go to the **Content** area, and in a **Module**, select **Add Existing Activities** and then **External Learning Tools**



7. Scroll down to find the Test Link that's associated with the W. W. Norton Learning Tool in the **LTI Advantage Deployment** column

Note: If you don't see it on this screen, then double-check the **Add Org Units** where the Tool Deployment is made available and add the course to the Org Units

8. Click the link to add it to the Module in the Content area of the course

9. Next to the assignment link, click on the carrot symbol and select **View Topic**

- The Test link will open in a new tab

10. Close the **Test Page** tab for now and return to Brightspace/D2L. We need to manually **Add a Grade Item** to the Test Link activity

11. Under **Activity Details** look for **Assessment** and select **Add a Grade Item…**

12. Select **+** sign to add a **New Grade Item**
    - Name the New Grade Item – W. W. Norton Test Link
    - Click the **Create** button
    - Click **Save**

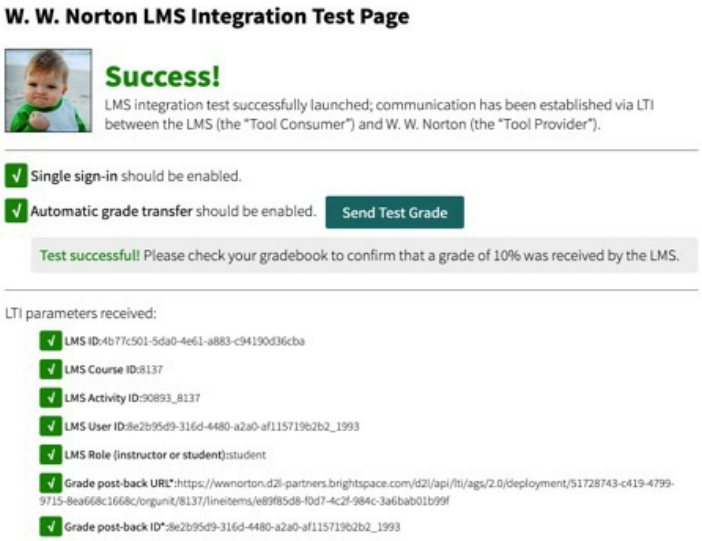
13. Before launching the **W. W. Norton Test Link**
    - Click on **Classlist** and add an existing student user or create and enroll a new student user
    - Click on the carrot symbol next to the student you just added
    - Click on **Impersonate**
    - Click "**Yes**" to impersonate the student

14. Click **Content** to find the **W. W. Norton Test Link**

15. Launch the **W. W. Norton Test Link**

16. If the tool is configured correctly, the Test Page will open and display a list of parameters expected to be included in the launch

17. Make sure you see green checkmarks for "Single sign-in" and "Automatic grade transfer" at the top of the page.



18. Click the button to Send a Test Grade

19. Make sure you see a message that the grade was received by the gradebook

20. If the Test Page fails to launch, if some parameters are shown with red X values, or if the test grade fails with an error, open the "Toggle Debugging Information" button

21. Take a screenshot of the Test Page and copy the Toggle Debugging Information

22. Attach the screenshot and paste the debugging information into an email and send it to your Norton contact.

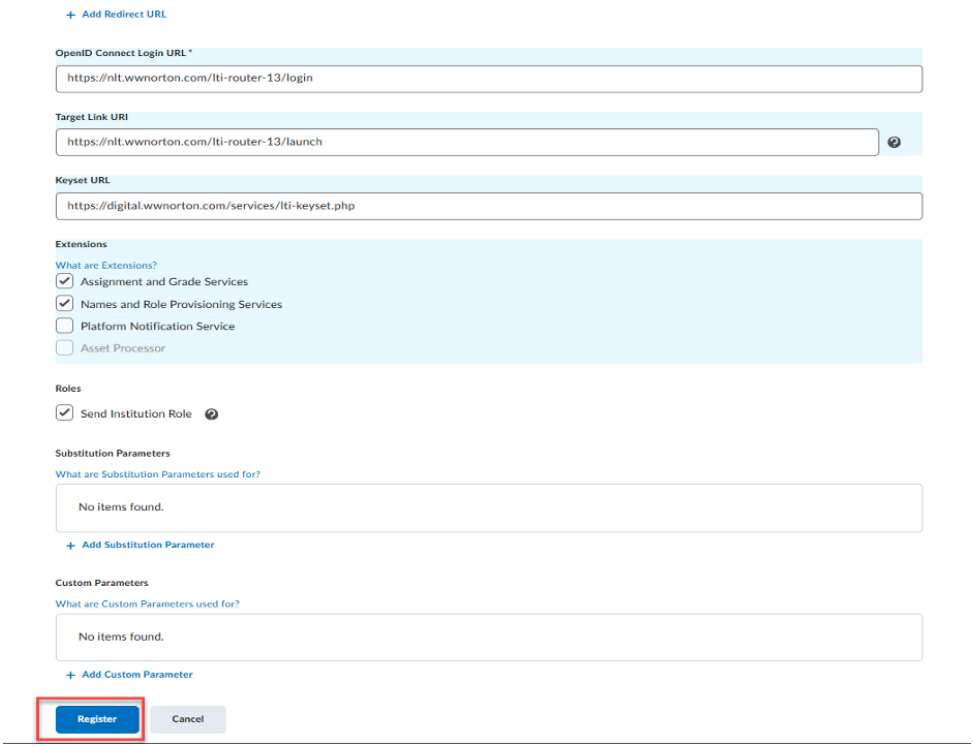
23. Go back to Brightspace/D2L as the Student and check on **Grades** to verify that a successful 1% was transferred to the gradebook

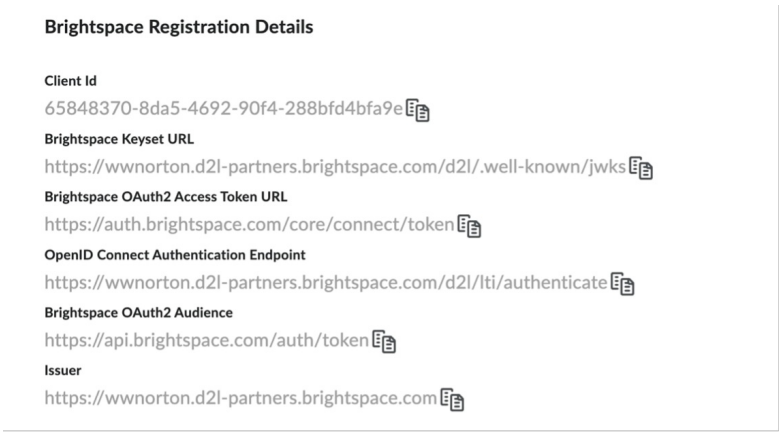
24. Close the tab and click the **X** to stop impersonating the student

25. Email your Norton representative a screenshot of the results so that we can validate that all worked as it should

Part 2: Register the W. W. Norton Deep Linking Tool

1. Login to Brightspace/D2L as an Admin
2. Go to **Manage Extensibility** from your account menu
3. When the **Manage Extensibility** screen opens
    - Click the **LTI Advantage** tab, then
    - Click the **Register Tool** button
4. Enter the LTI Advantage tool Registration Details
    - Select**: Standard**
    - Toggle **Enabled** on
    - **Name**: W. W. Norton Deep Linking
    - **Description**: W. W. Norton Deep Linking
    - **Domain**: https://nlt.wwnorton.com
    - **Redirect URLs**: https://nlt.wwnorton.com/lti-router-13/launch
    - **OpenID Connect Login URL**: https://nlt.wwnorton.com/lti-router-13/login
    - **Target Link URI**: https://nlt.wwnorton.com/lti-router-13/launch
    - **Keyset URL**: https://digital.wwnorton.com/services/lti-keyset.php
    - **Extensions**: Select the following:
        - **Names and Role Provisioning Services**
        - **Assignment and Grade Services**
    - **Roles**:
        - **Send Institution Roles** (checked by default)
5. Save the record by clicking on the **Register** button.





Send the Registration Details to W. W. Norton

6. Copy the Brightspace Registration Details into a text document or paste into an email response to your Norton contact.

7. Your Norton contact will need the details to complete the registration on their end.

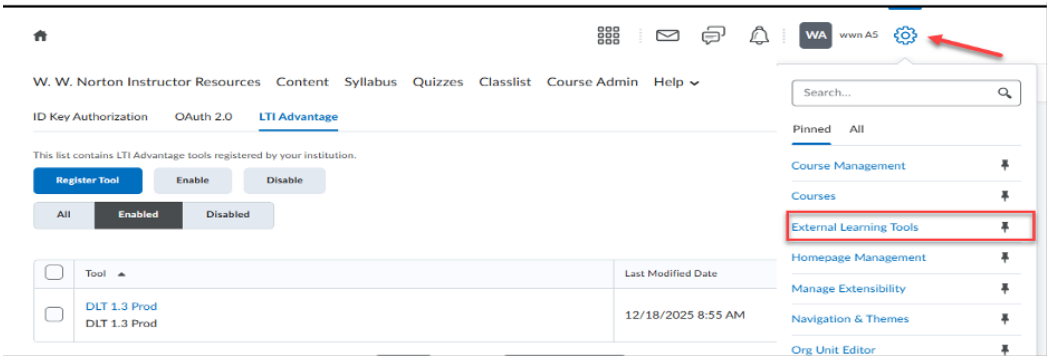
Deploy the W. W. Norton Deep Linking Tool

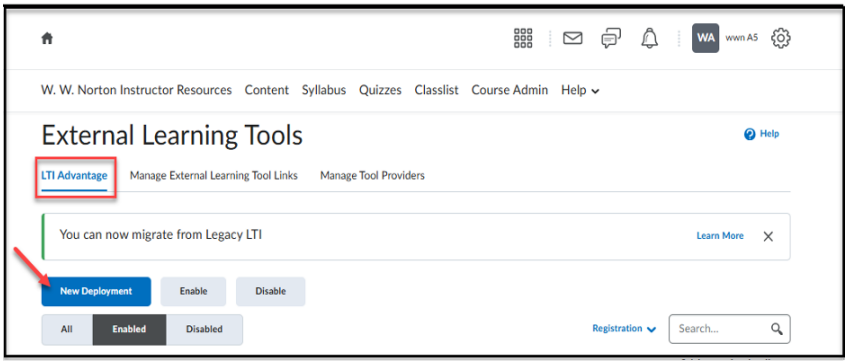
Before you begin:

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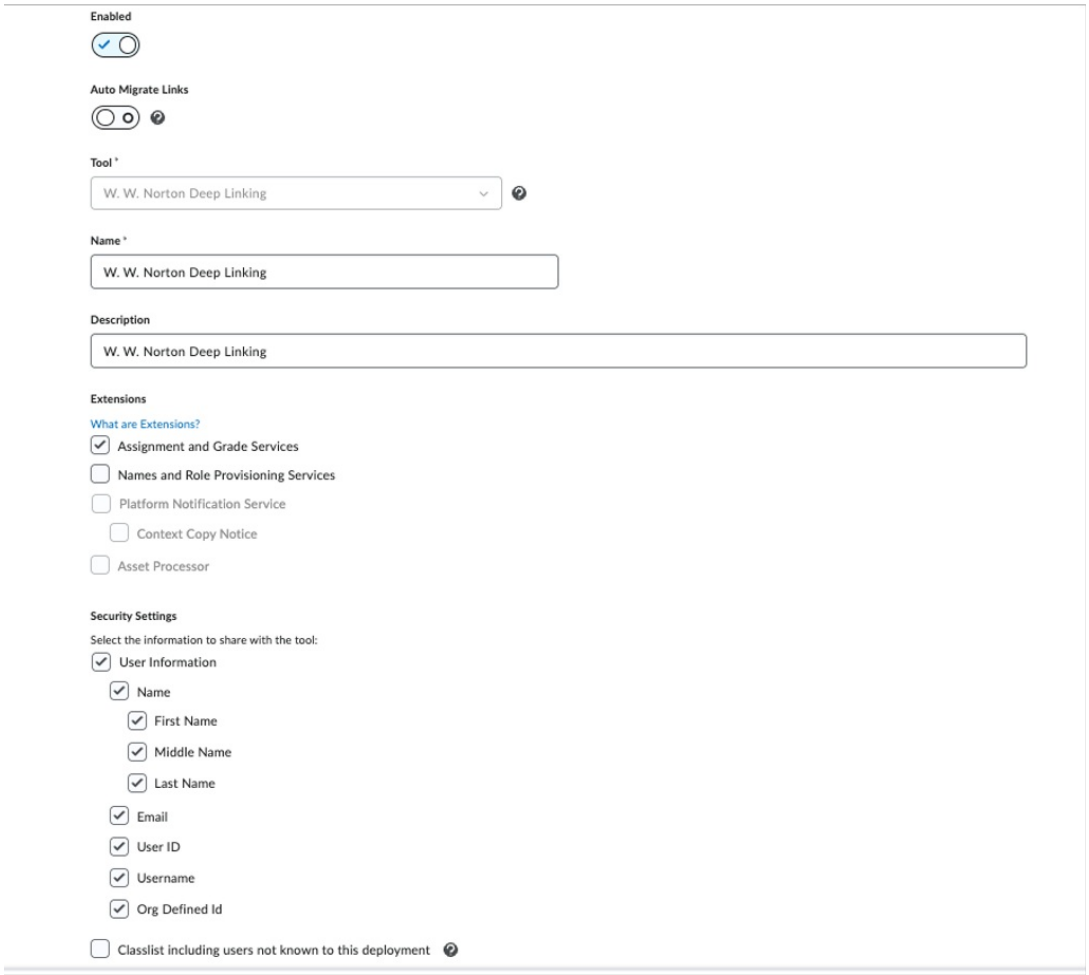
1. From the gear menu select **External Learning Tools**

2. Click the **LTI Advantage** tab, and click the **New Deployment** button



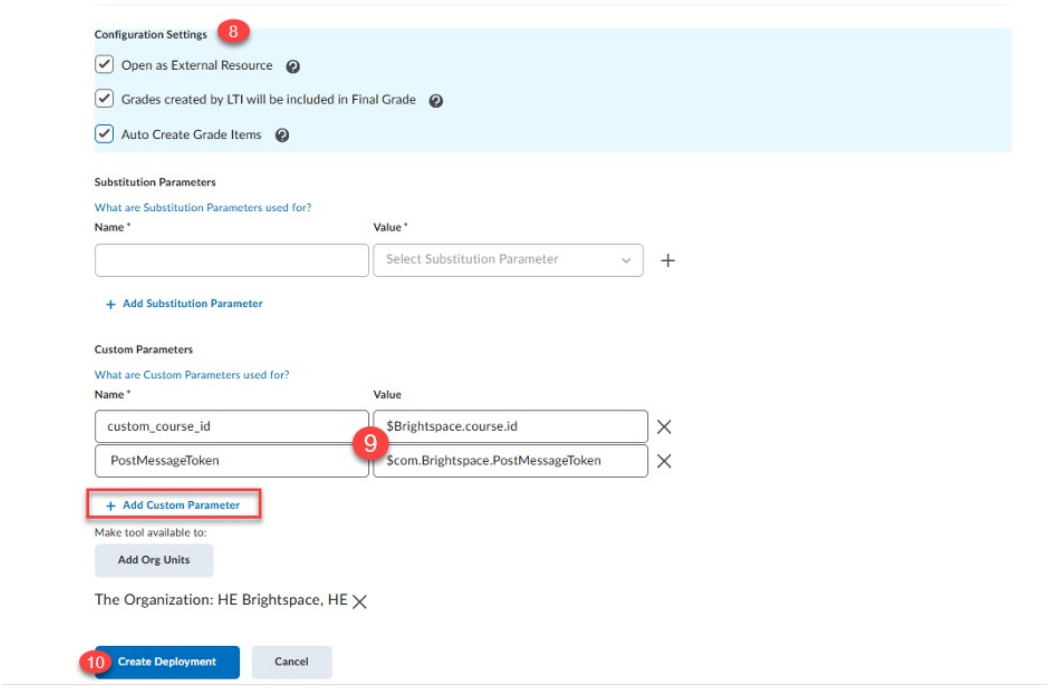


3. Enter the Deployment details
    - Toggle **Enabled** on
    - Toggle **Auto Migrate Links** off
    - Select the Extension Name from the **Tool** dropdown menu: **W. W. Norton Deep Linking**
    - **Name**: W. W. Norton Deep Linking
    - **Description**: W. W. Norton Deep Linking
        - **Extensions**: Select
            - **Assignment and Grade Services**
        - **Security Settings**, select these setting options:
        - **User Information -** If you select this first, all other User settings will be selected by default.
            - **Name**
                - **First Name**
                - **Middle Name**
                - **Last Name**
            - **Email**
            - **User ID**
            - **Username**
            - **Org Defined Id**.



- **Configuration Settings** select all three
  - **Open as External Resource**
  - **Grades created by LTI will be included in Final Grade**
  - **Auto Create Grade Items**
- Click the **+ Add Custom Parameter**
  - Enter:
    - **Name:** custom_course_id
    - **Value:** $Brightspace.course.id
- Click the **+ Add Custom Parameter** once more
  - Enter:
    - **Name:** PostMessageToken
    - **Value:** $com.Brightspace.PostMessageToken
- **Note:** If the **Course Offering** was created before the **External Learning Tool** was added, click the **"Add Org Units"** button and Search for the Course Offering, or Department created for the Tool.

4. Click the **Create Deployment** button



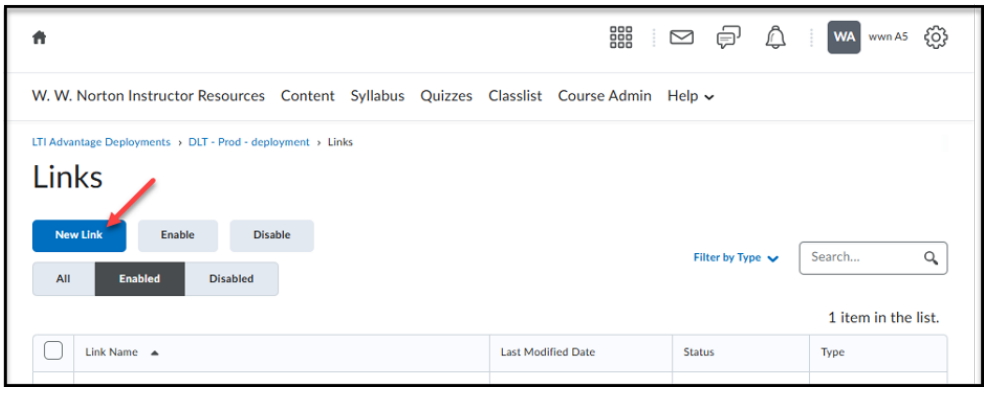
- **Note**: If the **Course Offering** was created before the **External Learning Tool** was added, click the **"Add Org Units"** button and Search for the Course Offering, or Department created for the Tool.

Create Links

1. After Creating deployment Click **View Links**



2. When **Links** opens Click **"New Link"**

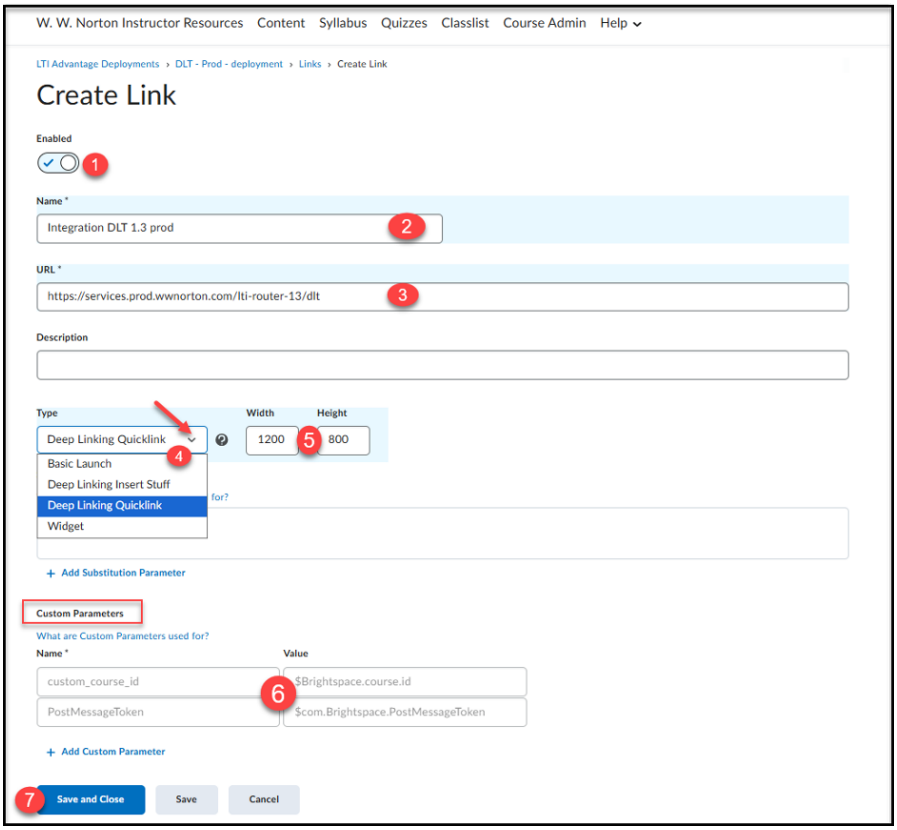


3. Enter the **Link** details
   - Toggle **Enabled** on
   - **Name**: W. W. Norton Deep Linking Tool

- **URL**: https://services.prod.wwnorton.com/lti-router-13/dlt
- **Description**: W. W. Norton Deep Linking Tool
- **Type**: Deep Linking Quicklink
    - **Width**: 1200
    - **Height**: 800

Note: The Custom Parameters should be inhertited from the Deployment by default. If they are not please add them again.

- Click the **Save and Close** button

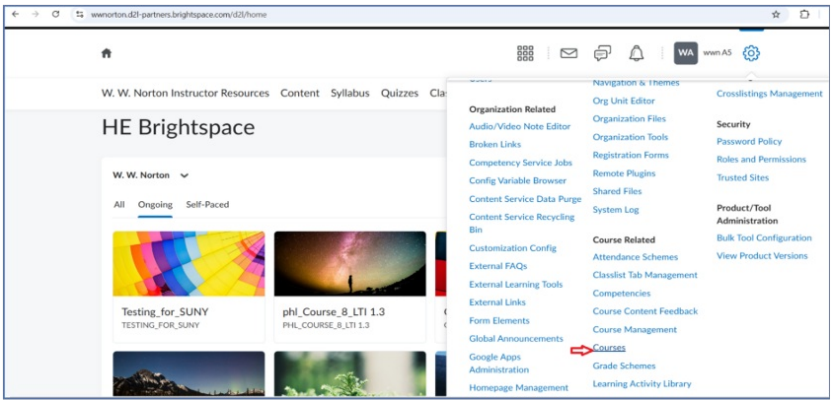


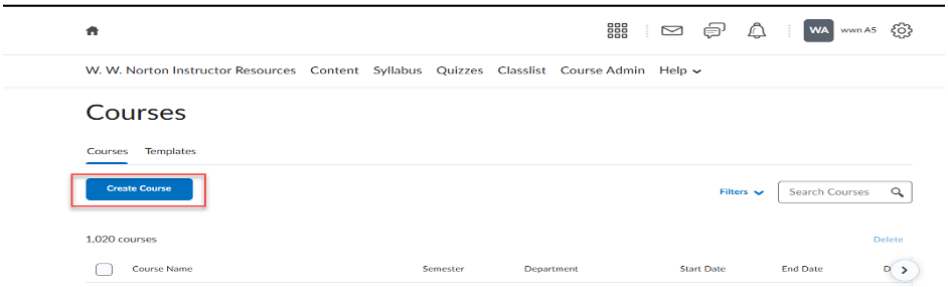
Note: Once saved, this link is now available to any course created under an Org Unit that has access to the parent deployment of this link.

Test the W. W. Norton Deep Linking Tool

Step 1: Create a Course

1. Go to the Gear Menu and Select the option **Courses**
2. Click the **Create Course** button
3. Enter the Course Name and Course Code





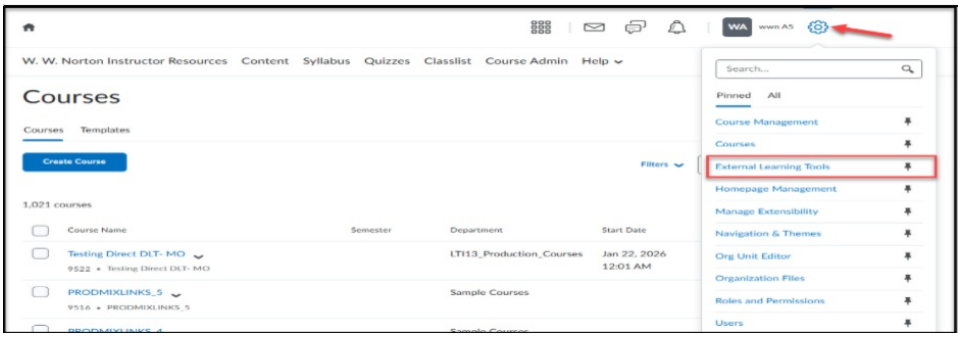
4. Click on the **Choose Department**
   - Create a Department for this Tool
   - **Click the Create Department** button
   - Add a **Name** and **Code**
   - **Click the** Save **button**
     - Or, select the Department already created for the Deep Linking Tool
     - Click the **Done** button

5. Select the Start Date and End Date of the Course

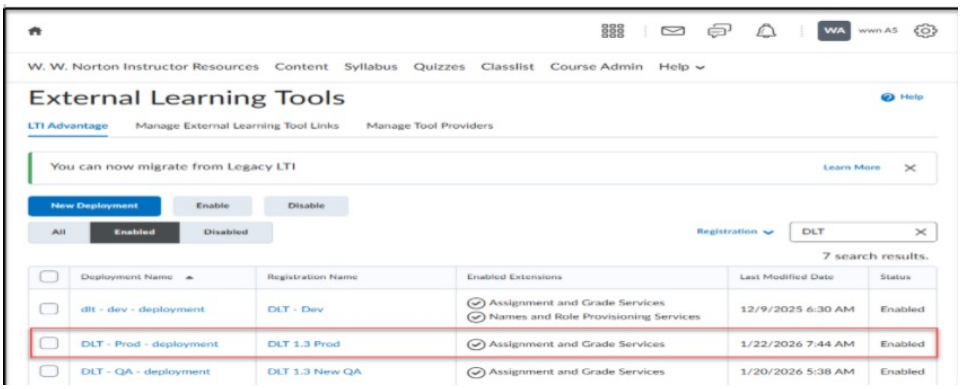
6. Click on the Save button (Note: By default, the toggle button should be Active)

Step 2: Add the course to the Org Unit

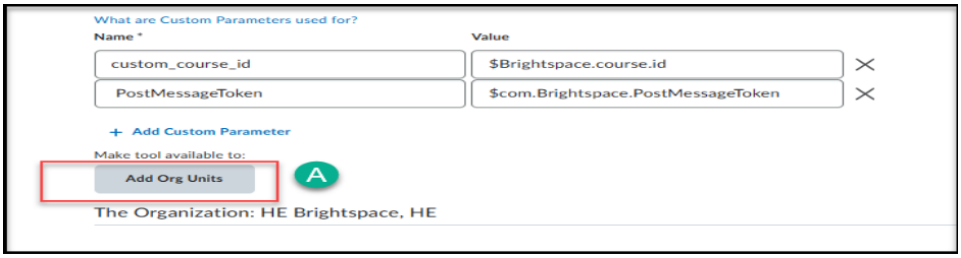
7. Select the External Learning Tools from the menu gear



8. Click the deployment name

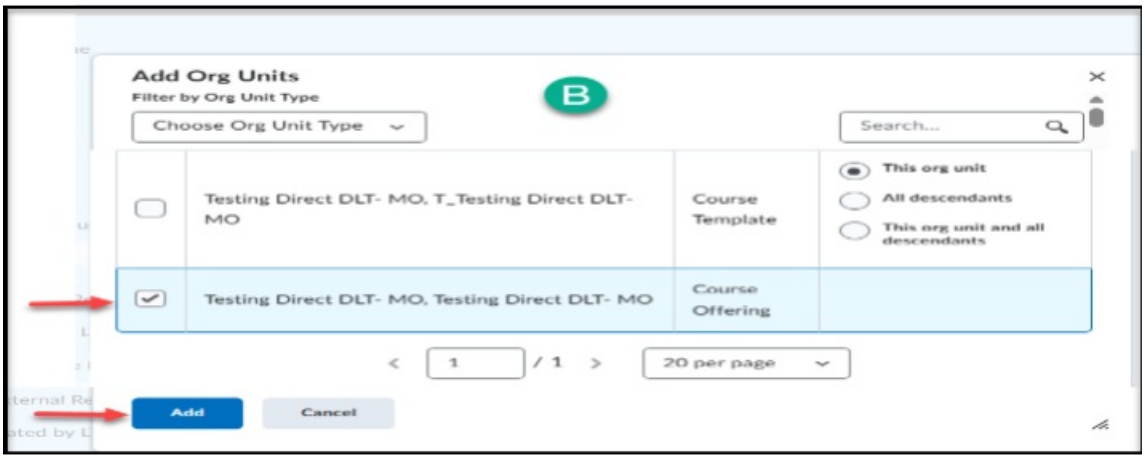


9. Click **Add Org Units**

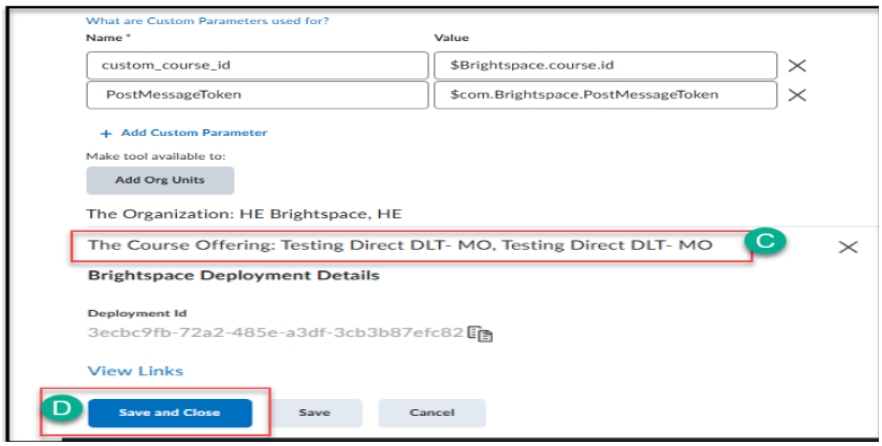


10. Select the course offering

11. Click the **Add** button



12. Click **Save and Close**



Step 3: Enroll an Instructor into the Course

13. Go to the Course

14. Click **Classlist** and add existing users or create and enroll an instructor

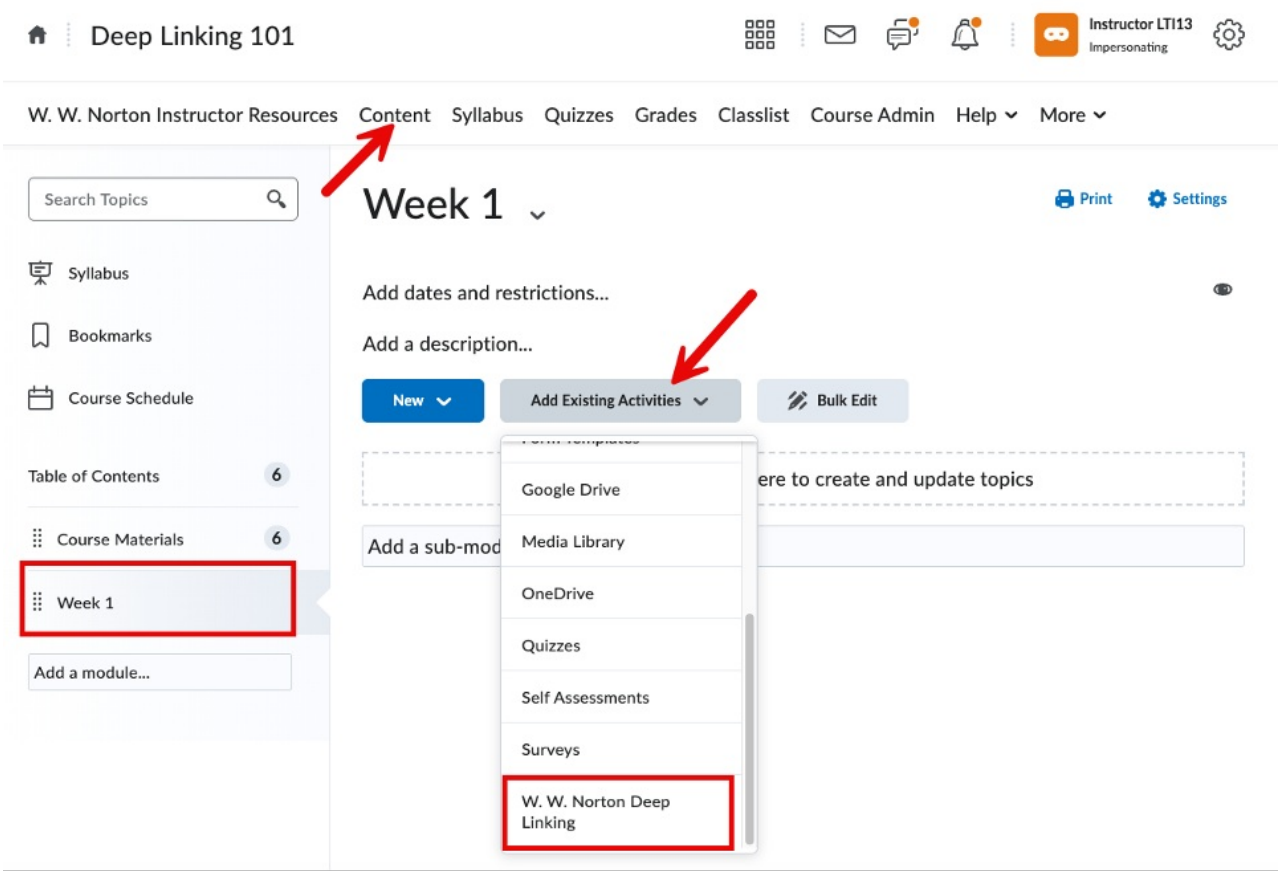
15. Click on the carrot symbol next to the instructor you just added
    - Click on "**Impersonate**"
    - Click **Yes** to impersonate the instructor

16. While impersonating the instructor click **Content**

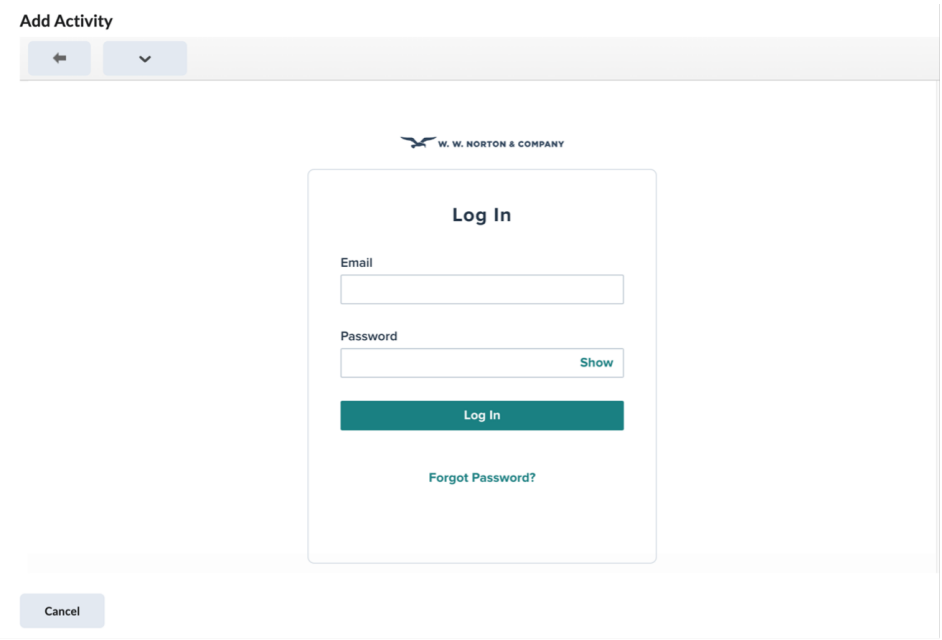
17. Add a Module

18. In the Module select **Add Existing Activities**

19. Select **W. W. Norton Deep Linking Tool**

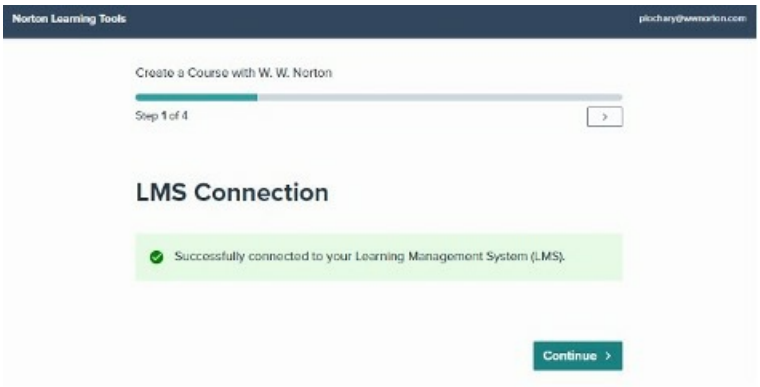


20. You will be prompted to log in.



21. If the Instructor you are impersonating has a Norton account, log in using their Norton credentials

22. This final step confirms that an LMS Connection has been made to the Deep Linking Tool.



23. Close the tab and return to the course. If you see something different or an error message, please take a screenshot of the page and send it to your Norton contact.

Troubleshooting

To troubleshoot an existing integration or request assistance with a migration, please open a support case with our Service Desk.