# D2L LMS LTI Tool Configuration

This document will walk D2L administrators through the LTI 1.3 tool configuration to integrate SAGE Vantage with D2L. This tool will allow instructors the ability to create deep links and sync grades between Vantage and their D2L courses.

Some configuration information is provided to you by SAGE. Your SAGE Technical Implementation Specialist will provide these details using a privnote link (https://privnote.com/). Please note that this link can be opened once. When you close the page, the contents of the privnote will be destroyed. Once you open the privnote, we recommend storing a copy of this information for your records.

1. Before you begin, verify that LTI Advantage permissions are enabled.

    a. Click the gear icon to open the tools menu. Locate the "Security" section and click **Roles and Permissions**. You may need to scroll down through the available features to see it.
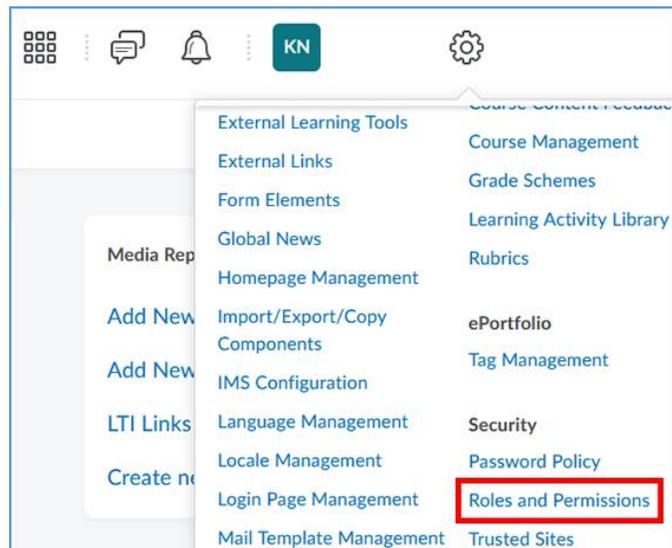
    b. Open the context menu next to Administrator. From the menu, select **Edit Permissions**.
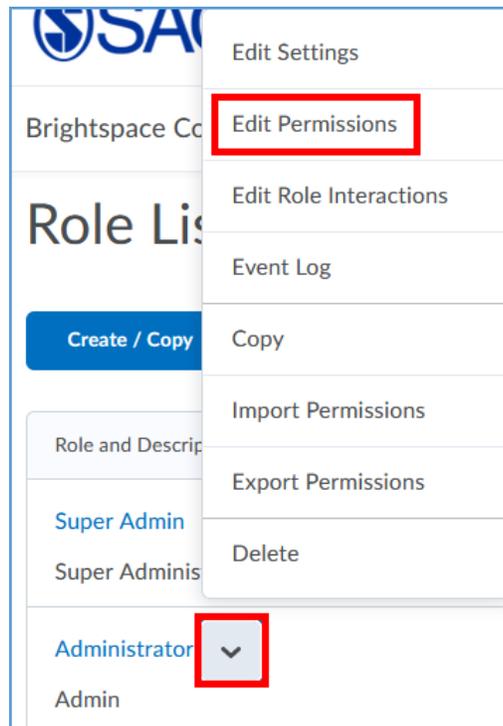
c. In the Filter by Tool dropdown list, select **External Learning Tools**.
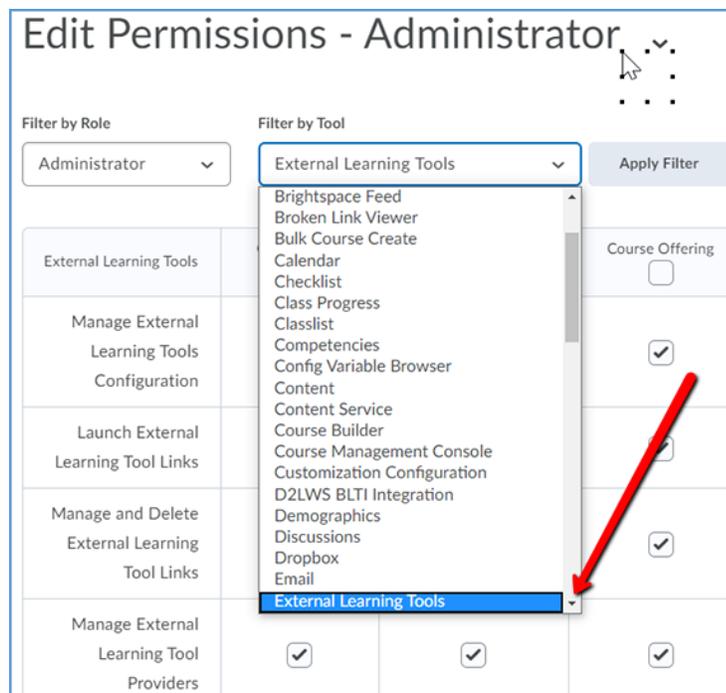
d. Tick the checkboxes for **Manage LTI Advantage Tool Registrations** and **Manage LTI Advantage Tool Deployments**. Next, click **Save and Close** to complete.

2. Once you have verified the permissions, click the gear icon in the upper-right corner of the page to open the tools menu.

3. Locate the "Organization Related" section and click **Manage Extensibility**. You may need to scroll down through the available features to see it.
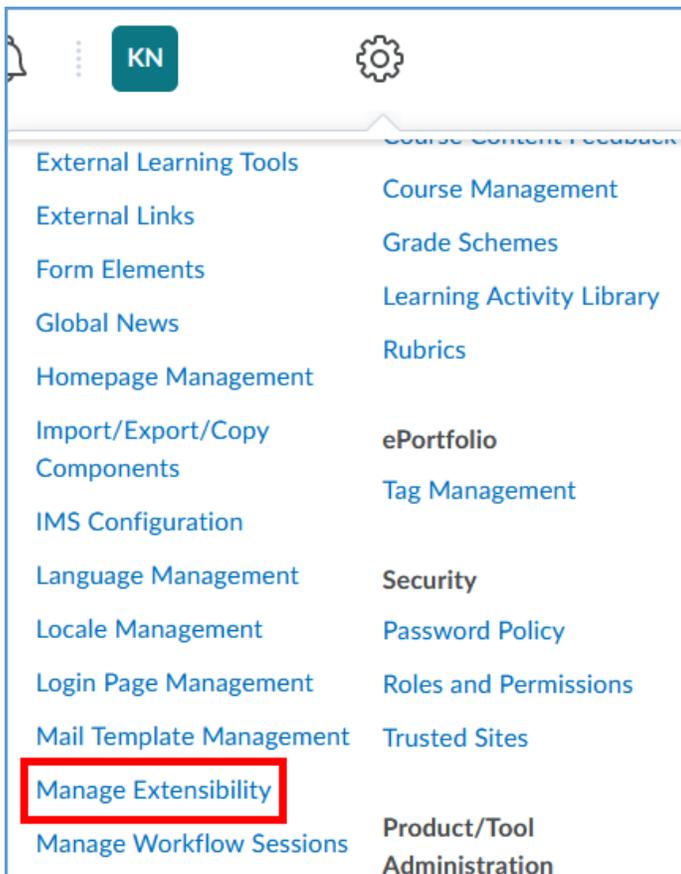
4. Click the link for **LTI Advantage** (a) followed by the **Register Tool** button (b).
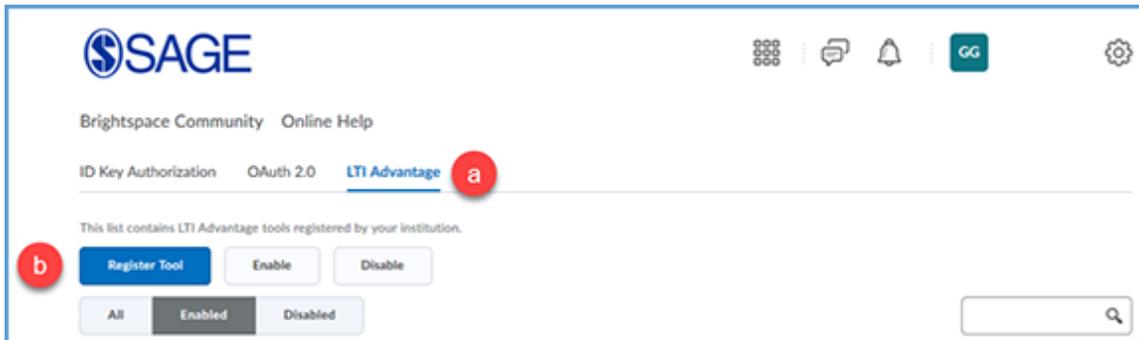
5. When prompted whether to register the tool as Standard or Dynamic, choose **Standard**.
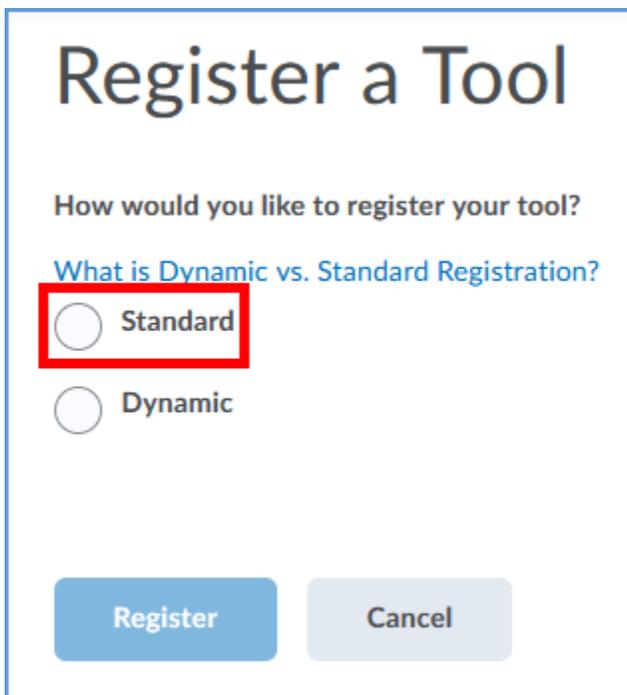
6. On the Register a Tool page, complete the following fields as indicated:

    a. **Name:** SAGE Vantage

Register a Tool

How would you like to register your tool?

What is Dynamic vs. Standard Registration?

(●) **Standard**

( ) **Dynamic**

Enabled

[✓]

Name *

SAGE Vantage

b. **Description**: This can be the same as the Name.

Description

SAGE Vantage

c. **Domain:** https://vantage.sagepub.com

Domain *

https://vantage.sagepub.com

d. **Redirect URL:** The Redirect URL will be provided by SAGE.

Redirect URLs *

https://vantage.sagepub.com/lti1p3/tool/ABCDE12345

+ **Add Redirect URL**

e. **OpenId Connect Login URL:** https://vantage.sagepub.com/lti1p3/OidcLogin

OpenID Connect Login URL *

https://vantage.sagepub.com/lti1p3/OidcLogin

f. **Keyset URL:** The Keyset URL will be provided by SAGE.

Keyset URL

https://vantage.sagepub.com/lti1p3/tool/ABCDE12345

g. **Extensions**: Tick the checkboxes for **Assignment and Grade Services** and **Deep Linking**.

Extensions

What are Extensions?

☑ Assignment and Grade Services

☑ Deep Linking

☐ Names and Role Provisioning Services

7. Make a final review of the settings for accuracy, then click the **Register** button.

8. Saving the Registration will provide a list of **Registration Details**. Use the copy icon to **Copy** each of these items. Send this information back to SAGE.

Brightspace Registration Details

Client Id
068030af-f8...

Brightspace Keyset URL
https://sage.brightspace.com/d2l/.well-known/jwks

Brightspace OAuth2 Access Token URL
https://auth.brightspace.com/core/connect/token

OpenID Connect Authentication Endpoint
https://sage.brightspace.com/d2l/lti/authenticate

Brightspace OAuth2 Audience
https://api.brightspace.com/auth/token

Issuer
https://sage.brightspace.com

9. Once you have copied each of the items in the list, click the **View Deployments** button.
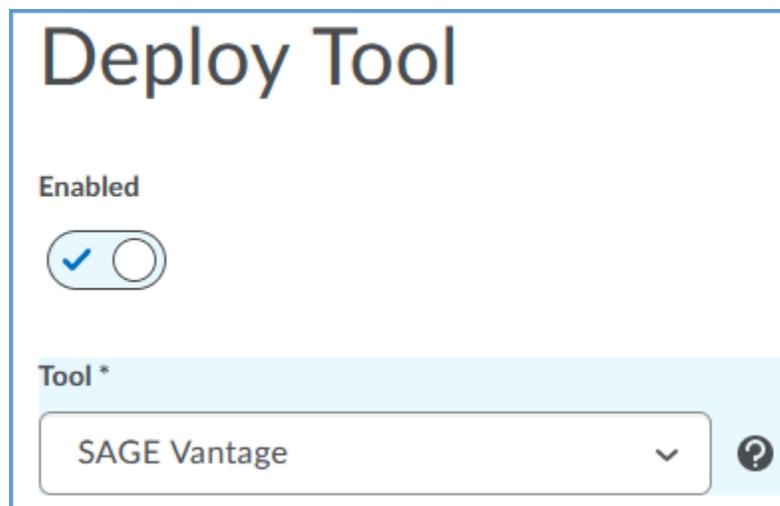
Issuer
https://sage.brightspace.com

View Deployments
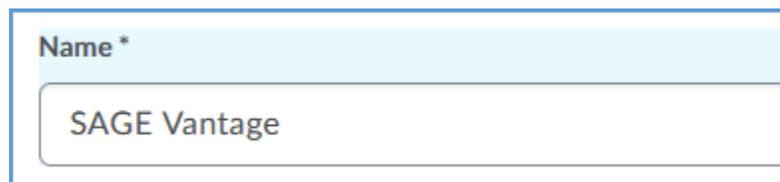
10. Click the **New Deployment** button.
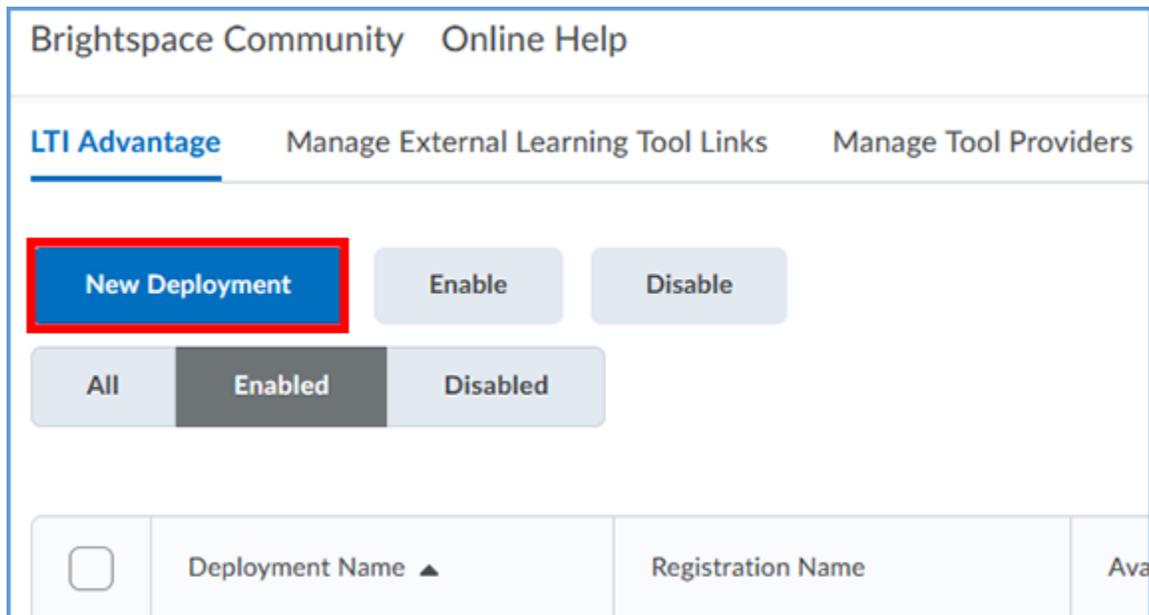
11. On the **Deploy Tool** page, complete the following items:

    a. **Tool**: In the dropdown, select the LTI tool you created in previous steps.

    b. **Name**: SAGE Vantage

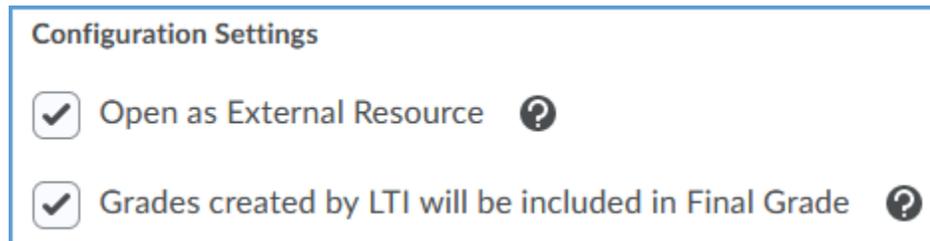c. **Description**: This can be the same as the Name.

d. **Security Settings**:

    i.   Tick the checkboxes for **Org Unit Information** and **User Information**.

   ii.   Under User Information, clear the checkboxes for **User ID** and **Username**.

e. **Configuration Settings**:

   i. Tick the checkboxes for **Open as External Resource** and **Grades created by LTI will be included in Final Grade**.

f. **Make tool available to**: Click **Add Org Units** to select the global organization to allow this tool to be used in any course. Individual courses can also be selected if desired.
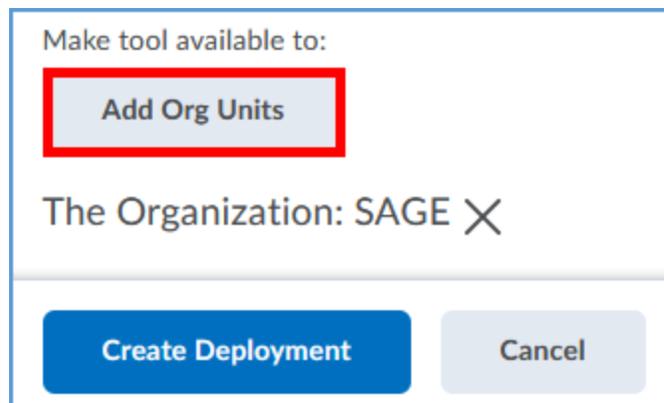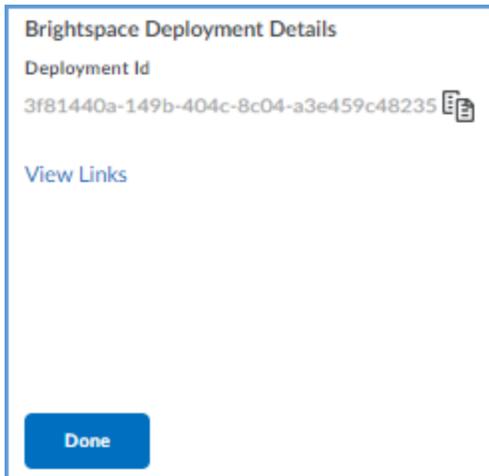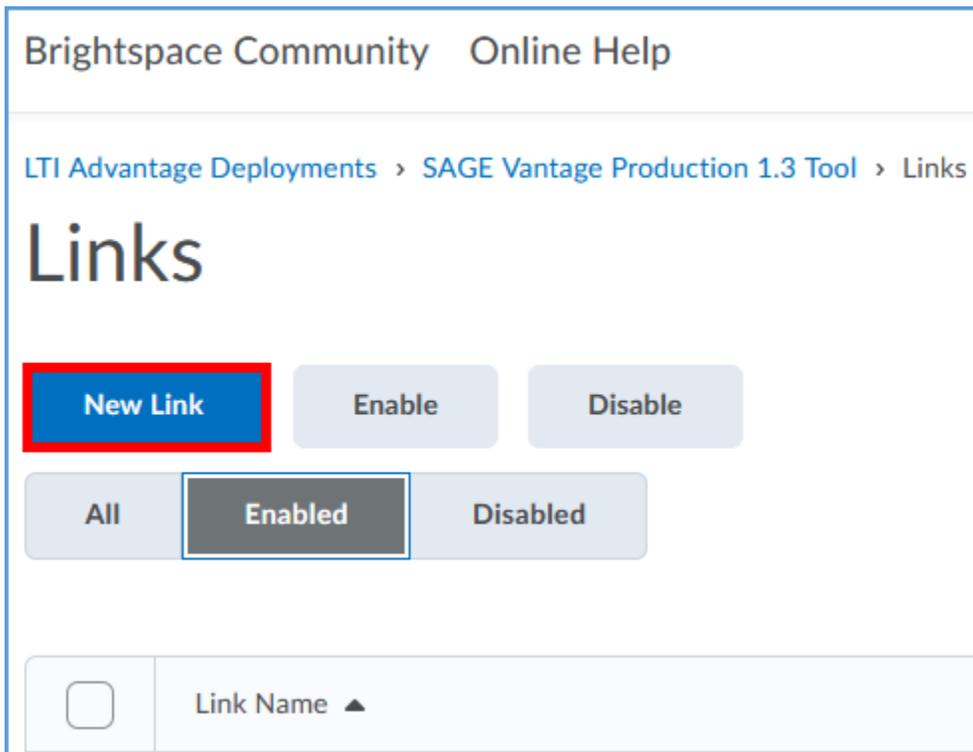

   Note: Depending on how your Org Units are divided for your school, you may need to add more than one organizational unit if you have instructors in multiple departments who need access to the tool.

g. Make a final review of the settings for accuracy, then click the **Create Deployment** button.

12. In the confirmation box, click **View Links**.

13. Click the **New Link** button.

14. On the **Create Link** page, complete the following items:

    a. **Name**: SAGE Vantage

Create Link

Enabled

Name *

SAGE Vantage

b. **URL**: The URL is the Redirect URL provided by SAGE. This is the same URL you used in Step 6d above.

URL *

https://vantage.sagepub.com/lti1p3/tool/ABCDE12345

c. **Description**: This can be the same as the Name.


Description

SAGE Vantage

d. **Type**: Set the dropdown to Deep Linking Quicklink. Set both the Width and Height options to 1000.

Type   **Width**   **Height**

Deep Linking Quicklink   1000   1000

Substitution Parameters *

e. Click the **Save and Close** button when finished.

15. After you send the Registration Details to your SAGE Technical Implementation Specialist, you will receive confirmation that the integration is complete on the SAGE side. We recommend that you attempt to add a link to Vantage in a sandbox course to confirm the tool configuration is working.
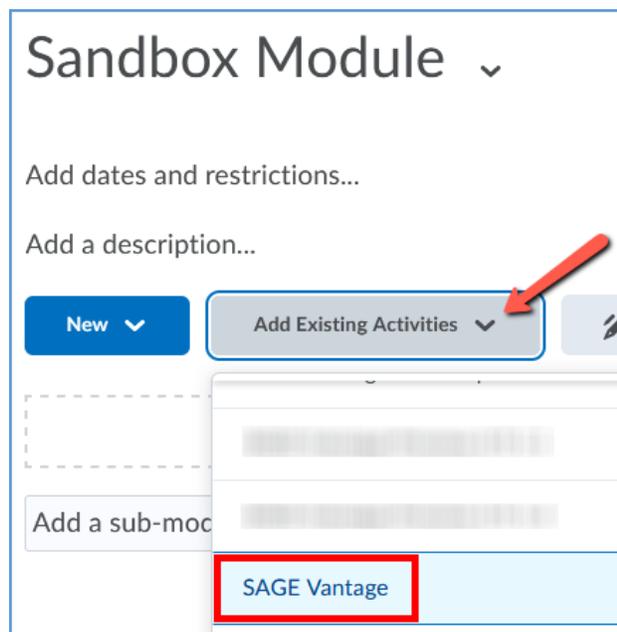
a. In your sandbox course, click **Content** in the top navigation menu.
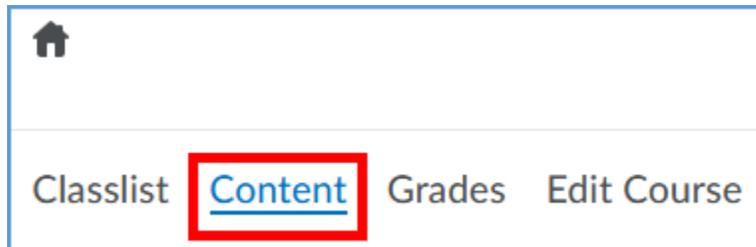
b. If necessary, click **Add a module** in the left menu to create a content area to work in.
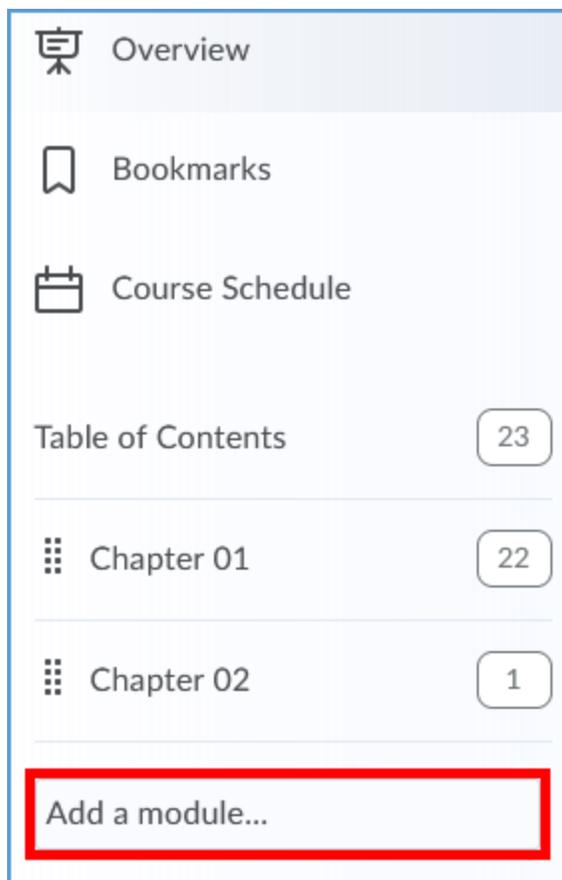
c. Click Add Existing Activities, then choose the SAGE Vantage tool.

d. You should see the following error message that you do not have a valid Vantage account:

"Message: Your learning management system email [your_email@school.edu] does not match an existing account in SAGE Vantage. Please contact collegetechissues@sagepub.com so that our support team can create or merge your accounts."
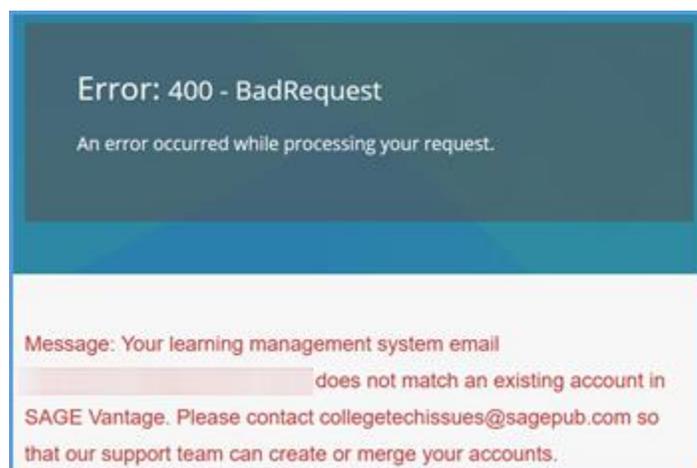
Seeing this error indicates you have authenticated into Vantage to the point

where it is doing a user check. Since the user check is looking for an instructor account, this message indicates the configuration is correct.