

Desire2Learn MyLab & Mastering Standard Configuration Guide for System Administrators

This document details the configuration necessary to enable the Pearson MyLab & Mastering solution within the Desire2Learn (D2L) Learning Management System.

It contains the following sections:

1. **Requesting Pearson MyLab & Mastering Remote Plug-in Credentials**
How to request the Consumer Key and Secret for the MyLab & Mastering tool configuration
2. **Configuring the Pearson MyLab & Mastering Remote Plug-ins at the D2L Instance Level**
How to configure the necessary Pearson MyLab & Mastering tools within the Desire2Learn Learning Management System at the instance/system level
3. **Mapping Roles and Organizations Unit Types**
How to map D2L and Pearson roles and organization unit types to ensure that students can successfully register for and access a Pearson course
4. **Enabling the Pearson MyLab and Mastering Tools Widget at the Course Level**
Approaches for enabling the Pearson MyLab & Mastering Tools Widget within a course

The Pearson MyLab & Mastering solution is available for **D2L version 10.2 and above**.

SECTION 1: Requesting Pearson MyLab & Mastering Credentials

This section describes how to request the Consumer Key and Secret for the Pearson MyLab & Mastering remote plug-in configuration. A single set of credentials is requested per D2L installation. These should be requested by the D2L system administrator who will configure the Pearson MyLab & Mastering remote plug-in.

Credential Request

1. Navigate to the following URL:

<http://tpi.bb.pearsoncmg.com/keymaster/ui/u/index?consumer=d2l>

2. Enter the following data into the request form:

- Your Institution
- Installation Type (Select Production, Testing, or Other)
- Email Address
- First Name
- Last Name
- Phone Number (Optional)
- Job Title (Optional)

3. Enter the verification text presented by reCaptcha.

4. Click **Submit**.

5. A confirmation page with the Consumer Key and Consumer Secret generated for your institution appears. Check your email for a secure message containing this configuration information. You are prompted to create an account with Pearson's secure email provider, Sendinc, to access the email message containing these credentials.

SECTION 2: Configuring the Pearson MyLab & Mastering Remote Plug-ins at the D2L Instance/System Level

This section describes how to configure the necessary Pearson MyLab & Mastering tools within the Desire2Learn Learning Management System at the instance/system level.

Configuration

Create the Remote Plug-Ins

Before completing the following steps, verify your institution is running D2L version 10.2 or higher.

1. Navigate to the D2L Admin Tools view.
2. Click **Remote Plugins**.
3. Click **New Remote Plugin** to add the external tools required for the Pearson MyLab & Mastering integration.
4. Populate the Create a New Remote Plugin form with these values:
 - Launch Point - <https://tpi.bb.pearsoncmg.com/highlander/api/o/lti/links>
 - Secret - Consumer Secret obtained for your institution in Section 1, Step 5.
 - Key - Consumer Key obtained for your institution in Section 1, Step 5 Note the format of this value is *institutionvalue.d2l.com*
 - Name - MyLab and Mastering
 - Description - <http://tpi.bb.pearsoncmg.com/keymaster/ui/u/index?consumer=d2l>
 - Small Icon - <http://tpi.bb.pearsoncmg.com/highlander/resources/img/links/Pearson-Logo-50x50.png>
 - Large Icon - [Leave this value blank.]
 - System Test - [Leave this value blank.]
 - Plug-in Type - Course Builder
 - Make the link available to all Org Units and descendants of that Org Unit who want to take advantage of the Pearson MyLab & Mastering integration.
5. Click **Save**.
6. Click **New Remote Plugin** to add the second plugin required for the Pearson MyLab & Mastering integration.

7. Populate the New Remote Plug-in form with these values:

- Launch Point - <https://tpi.bb.pearsoncmg.com/highlander/api/o/lti/miniwidget>
- Secret - Consumer Secret obtained for your institution in Section 1, Step 5.
- Key - Consumer Key obtained for your institution in Section 1, Step 5. Note the format of this value is *institutionvalue.d2l.com*
- Name - MyLab & Mastering Links
- Description - <http://tpi.bb.pearsoncmg.com/keymaster/ui/u/index?consumer=d2l>
- Small Icon - [Leave this value blank.]
- Large Icon - [Leave this value blank.]
- System Test - [Leave this value blank.]
- Plug-in Type - Widget
- Make the link available to all Org Units and descendants of that Org Unit who want to take advantage of the Pearson MyLab & Mastering integration.

8. Click **Save**

9. From the D2L Admin Tools view, click **Manage Extensibility**.

10. Search for the Pearson's MyLab and Mastering v1.0 application in the Extensibility list. If you do not see Pearson application, click the **Force Application Sync** button to get the latest D2L Application updates, which include Pearson's MyLab and Mastering v1.0.

11. Enable the Pearson's MyLab and Mastering application, if not enabled by default.

Note: If your institution's D2L instance is running under **https**, ensure that your **DOME->Settings** value for OrgHasSSLEnabled is set to **true/ON** for the Pearson Course Builder Tool to display properly.

The screenshot shows the D2L Admin Tools interface for Lake Valley University. The left sidebar displays a tree view of the DOME configuration, with 'Settings' expanded and 'OrgHasSSLEnabled' selected. The main panel shows the 'd2L.Settings.OrgHasSSLEnabled' configuration page. The 'Variable Properties' section includes: Name: d2L.Settings.OrgHasSSLEnabled, Type: Org, Data Type: bit, Description: Whether or not the org has SSL enabled for the site, and Default Value: off. The 'Value(s)' table lists the following entries:

Name	Org Unit ID	Type	Value
<input type="checkbox"/>	Pearson Education - Evaluation Site (6607)	Organization	<input checked="" type="checkbox"/>

A red arrow points to the 'Value' column of the table. Below the table are buttons for 'Remove Selected Values' and 'Save Values'.

SECTION 3: Mapping roles and organizations unit types

This section describes how to map D2L and Pearson roles and organization unit types to ensure that students can successfully register for and access a Pearson course.

Map Roles

1. Navigate to the D2L Admin Tools view.
2. Click **IMS Configuration**.
3. Click the **Roles** tab.
4. Ensure that the role types are mapped as follows:

D2L Role	Mapped Roles (IMS standard)
Instructor	Faculty, Instructor, Staff
Student	Student, Learner
Super Admin	Instructor, Administrator
Administrator	Instructor, Administrator

Map Organization Unit Types

1. Navigate to the D2L Admin Tools view.
2. Click **IMS Configuration**.
3. Click the **Org Unit Types** tab.
4. Ensure that the organization unit types are mapped as follows:

D2L Organization Unit Type	Mapped Organization Unit Type (IMS standard)
Course Template	CourseTemplate
Course Offering	CourseOffering
Group	Group
Section	CourseSection

SECTION 4: Enabling the Pearson MyLab & Mastering Tools Widget at the Course Level

This section details approaches for enabling the Pearson MyLab & Mastering Tools Widget within a course.

Options

The approach depends on the policies and procedures of an individual institution. Possible approaches include:

1. If all courses that fall under a particular course template will use the Pearson MyLab & Mastering Integration, the widget can be added to the Template home page to be inherited by all the Course Offerings created from that template.
2. If permitted by the institution, Instructors who want to incorporate the Pearson MyLab & Mastering integration into their course can create a new Course Home Page and add the Pearson MyLab & Mastering widget to their course home page in the desired location.

If course home page editing is not supported for Instructors at the institution, instructors wishing to incorporate the Pearson MyLab & Mastering integration in their course need to submit a request through the standard campus processes for requesting new course widgets.