Connecting a course with Infosec Learning Virtual Labs

How do I connect a course with Infosec Learning Virtual Labs?

To connect a D2L course with Infosec Learning Virtual Labs you will need to:

1. Get Infosec Learning’s special URL for your course.
2. Create in your D2L course an external learning tool link.
3. Place the external learning tool link in your course.

Getting Infosec Learning’s URL for Your Course

1. In a web browser, go to Infosec Learning’s lab site.
2. Log in.
3. At the top left of the page, in the black bar, click the “Instructor Resource Center” link.
4. Use the “Select a course” drop-down to choose your course.
5. Click the “Lab LTI URLs” tab.
6. Select and copy an appropriate LTI URL. Continue reading for more information on your options.

The Course LTI URL

The primary, course-level LTI URL for your course will be listed toward the top of the page, above the tabs. If you only want to create one link from your D2L course to Infosec Learning, this is the URL to use.

The primary, course-level URL is the shortest of the LTI URLs and will look similar to:

https://lab.infoseclearning.com/lti?course=ABCDEFGHIJ

Copying the Course LTI URL

1. Select the Course LTI URL (beginning with “https://lab”).
2. Copy the course LTI URL.

Additional, Lab-specific LTI URLs

Creating external learning tool links in D2L for the remaining LTI URLs is optional. These URLs will lead your students directly to individual labs, but since your students can access all the labs from the primary, course LTI URL (above), none of the lab-specific LTI URLs are required. Create external learning tool links for them, and use them, only if doing so suits the needs of your instruction.

The lab-specific URLs will look similar to:

https://lab.infoseclearning.com/lti?course=ABCDEFGHIJ&lab=2YXWVUTSRQ

Copying a Lab LTI URL

1. Select a lab LTI URL (beginning with “https://lab”).
2. Copy that lab LTI URL.

Creating the External Learning Tool Link

Important

Due to Microsoft Imagine (formerly DreamSpark) licensing, you can create Infosec Learning Virtual Lab links only in Computer Science department courses.

These instructions assume you have already logged in to D2L and entered the course in which you wish to work.
1. Click on "" in the navigation bar.
2. Click the "External Learning Tools" link.
3. Click the "New Link" button.
4. On the New Link page:
   a. In the Title field, type the name of your link.
      • For the course LTI URL, you might use something like "InfoSec Learning".
      • For a lab LTI URL, you might copy and paste the name of the lab.
   b. In the URL field, paste LTI URL.
   c. (optional) Type explanatory text into the Description box.
   d. Make sure "Allow users to view this link" is checked.
   e. Make sure "Sign messages with key/secret with" is checked.
   f. Make sure "Tool consumer key/secret" is selected.
   g. Make sure "Use tool provider security settings" is selected.
   h. Make sure "Make link available to: Current Org Unit: <your course name>" is checked.
   i. Click the "Save and Close" button.

Placing the External Learning Tool Link in the Course

You can place where you like in your D2L course the Infosec Lab link you just created.

Using the HTML Editor

These instructions assume you have already logged in to D2L and entered the course in which you wish to work.

1. Click the Insert QuickLink button.
2. Click External Learning Tools.
3. Click the name of the external learning tool link you created above.

Or, to adjust the text or the target (whole window, same frame, new window) of the link you're creating, click the Options button for the external learning tool link you created above.

As a Content Item

These instructions assume you are in content.

1. Click the "Existing Activities" button.
2. From the menu that opens, select "External Learning Tools".
3. Click the name of the external learning tool link you created above.