



Canvas Integration Guide

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CONFIGURING CANVAS TO INTEGRATE WITH LABSIM

This guide was made for the LMS Administrator or individual experienced at configuring their LMS systems and settings.

To help you better integrate LabSim with your Canvas LMS, we have produced the following guide to walk you through the steps of how to link to a course, a specific resource within a course, and how to send a score back from a LabSim resource to Canvas's gradebook.

At the end of the guide, we will explain some of the common errors you may run into when trying to connect to LabSim through Canvas. Please be advised, we are not Canvas (or LMS) experts.

We are unable to provide support or set up your Canvas LMS. TestOut Technical Support is willing to let you know if there are any issues on our end with the LMS integration, but do not currently have the resources to set up a Canvas account.

As always, feel free to contact us with any issues.

SETTING UP TESTOUT EXTERNAL APP

As an admin, at your school level, navigate to the *Settings* section and the *Apps* tab.

The screenshot shows the TestOut interface. On the left is a dark sidebar with icons for Account, Admin, Dashboard, Courses, Calendar, Inbox, and Help. The 'Admin' icon is highlighted with a red arrow. The main content area is titled 'TestOut > Settings'. At the top, there are tabs: Settings (active), Quotas, Notifications, Admins, Announcements, Reports, and Apps (highlighted with a red arrow). Below the tabs is a 'Feature Options' section. The 'Account Settings' section includes fields for Account Name (TestOut), Default Language (Not set), Default Time Zone (Mountain Time), Allow Self-Enrollment (Never), Login Label (ex: Login, Username, or Student ID), and Trusted HTTP Referers (https://example.edu). On the right, there are sections for Course Filtering, Find a Course, and Find A User. At the bottom, there is a link to the Canvas Translation Community.

If you are directed to the App Center Page, select *View App Configurations*.

The screenshot shows the TestOut 'External Apps' page. The sidebar is the same as in the previous screenshot. The main content area is titled 'TestOut > Settings' and has tabs for Settings, Quotas, Notifications, Admins, Announcements, Reports, and Apps (active). Below the tabs is a 'Feature Options' section. The 'External Apps' section includes a description of apps and a link to 'See some LTI tools that work great with Canvas.' Below this are buttons for 'All', 'Not Installed', and 'Installed', and a 'Filter by name' input field. The 'View App Configurations' button is highlighted with a red arrow. Below the buttons are four app cards: acclaim, Accredible Certificates & Badges, Adjust-All HQ, and Adobe Connect by eSyncTraining. On the right, there are sections for Course Filtering, Find a Course, and Find A User.

Select *Add App* on the External Apps page.

The screenshot displays the Canvas LMS interface for the 'External Apps' page. The left sidebar contains navigation links: Account, Admin, Dashboard, Courses, Calendar, Inbox, Help, and a back arrow. The top navigation bar shows 'TestOut > Settings'. The main content area is titled 'External Apps' and includes a red arrow pointing to the '+ App' button. Below the title, there is a table listing installed apps: 'TestOut EduApp' and 'TestOut LTI App Configuration'. The right sidebar contains 'Course Filtering' options (Hide enrollmentless courses, Show only blueprint courses) and 'Find a Course' and 'Find A User' search fields.

TestOut TestOut > Settings

Account Admin Dashboard Courses Calendar Inbox Help

Courses Users Statistics Permissions Outcomes Rubrics Grading Question Banks Sub-Accounts Terms Authentication Themes Developer Keys Admin Tools **Settings**

Settings Quotas Notifications Admins Announcements Reports Apps

External Apps + App View App Center

Apps are an easy way to add new features to Canvas. They can be added to individual courses, or to all courses in an account. Once configured, you can link to them through course modules and create assignments for assessment tools.

See some LTI tools that work great with Canvas.

| Name |
|-------------------------------|
| TestOut EduApp |
| TestOut LTI App Configuration |

Course Filtering

☐ Hide enrollmentless courses

☐ Show only blueprint courses

Sort: A - Z

Filter

Find a Course

Go

Find A User

Go

+ New Course

+ New User

In the *Add App* box, insert a name for this External Tool that distinguishes that this tool is for LabSim.

Insert your school's Consumer Key and Secret received from your TestOut Account Executive.

Insert <http://www.testout.com/orbispartner/basiclti.aspx> into the URL box (You can also use <https://www.testout.com/orbispartner/basiclti.aspx> if your LMS requires it).

Insert www.testout.com in the *Domain* field.

In the *Privacy* box, you select *Public* (We recommend selecting "Public" as it gives LabSim access to user information necessary to create a LabSim account).

In the *Custom Fields* box, you may input any global parameters for this app (Multiple custom parameters are outlined in the [TestOut LTI Technical Document](#), such as the parameter below, which automatically creates classes based on your classes in Canvas).

Click *Submit*.

The screenshot shows the 'Add App' form with the following fields and values:

- Configuration Type:** Manual Entry
- Name:** TestOut LabSim
- Consumer Key:** <Your Key Here>
- Shared Secret:** <Your Secret Here>
- Launch URL:** https://www.testout.com/orbispartner/basiclti.aspx
- Domain:** testout.com
- Privacy:** Public
- Custom Fields:** labsim_class_id=@context_title
- Description:** (empty)

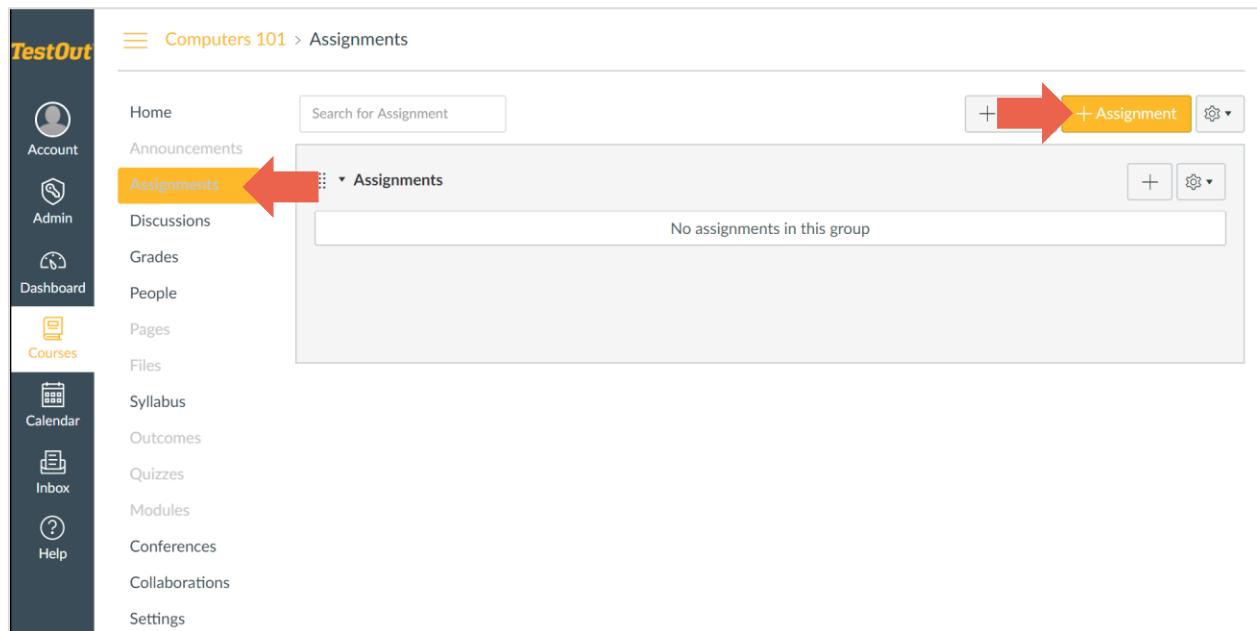
At the bottom right, there are 'Cancel' and 'Submit' buttons. A red arrow points to the 'Submit' button.

CREATING A LINK TO LABSIM

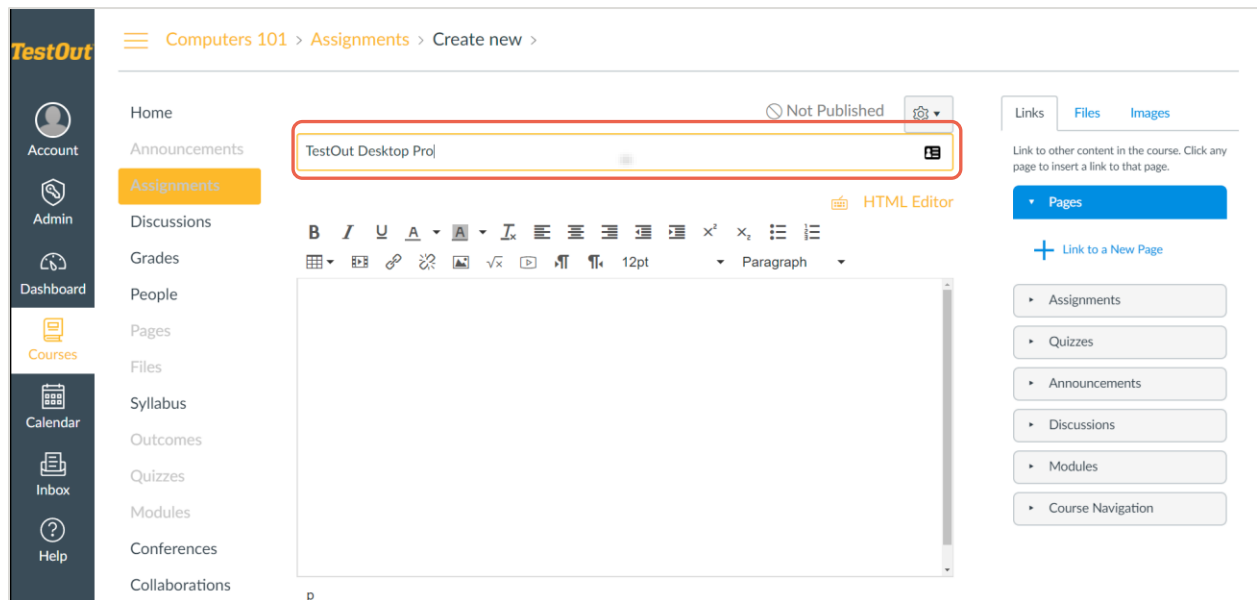
You may use your created LabSim External Tool to provide your students with a Single-Sign-On option or to link to specific resources inside of LabSim and request a grade back.

Creating Single-Sign-On Link to LabSim

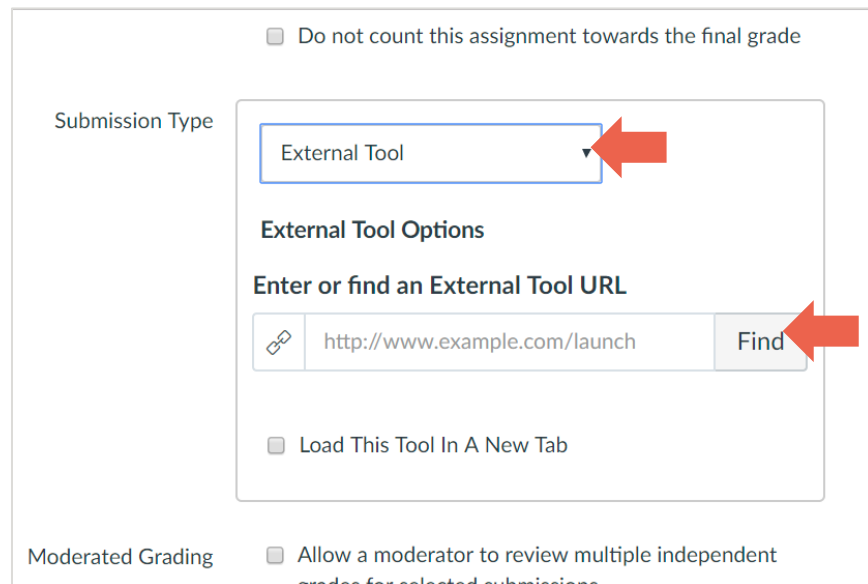
Inside of your course, navigate to the *Assignments* Page and click on the *+ Assignment* button.



Give the assignment a name and description (if desired).



In the *Submission Type* drop down, select *External Tool* and then press *Find*.




☐ Do not count this assignment towards the final grade

Submission Type

External Tool

External Tool Options

Enter or find an External Tool URL

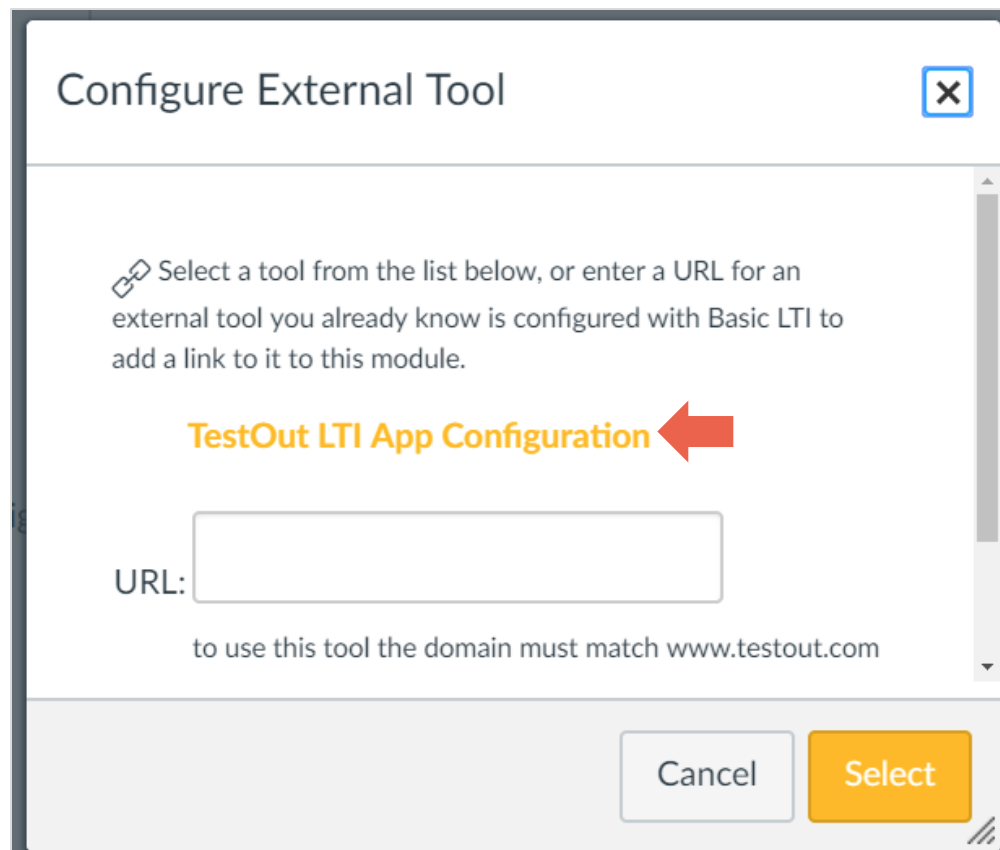


☐ Load This Tool In A New Tab


Moderated Grading ☐ Allow a moderator to review multiple independent grades for selected submissions

Select the external tool that you want to use to create an assignment link.

In this case, select the External Tool that you created to connect to LabSim.



Configure External Tool ✕

 Select a tool from the list below, or enter a URL for an external tool you already know is configured with Basic LTI to add a link to it to this module.

TestOut LTI App Configuration

URL:

to use this tool the domain must match www.testout.com

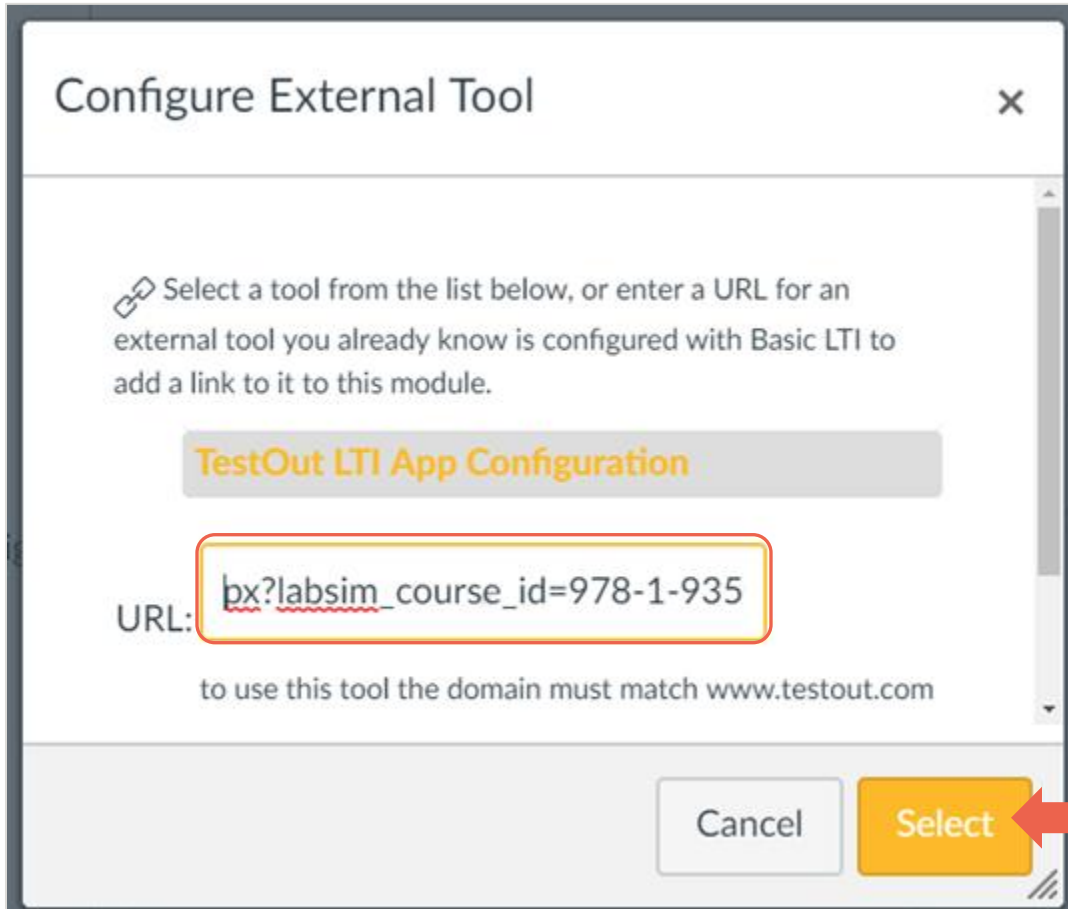
Once selecting the tool, it will populate the base URL you need to link to LabSim.

You must add the custom parameter to the URL populated by the External Tool to determine the LabSim course you wish to access.

Do this by adding ? on to the end of the URL and then adding *labsim_course_id=* and your course ISBN number.

As this link is just for Single-Sign-On, there is nothing else we need to add to the URL.

After completing this, press *Select*.



Configure External Tool

Select a tool from the list below, or enter a URL for an external tool you already know is configured with Basic LTI to add a link to it to this module.

TestOut LTI App Configuration

URL: px?labsim_course_id=978-1-935

to use this tool the domain must match www.testout.com

Cancel Select

Scroll to the bottom and press *Save & Publish*.




The screenshot shows the TestOut configuration interface. On the left is a dark sidebar with icons for Account, Admin, Dashboard, Courses, Calendar, Inbox, and Help. The main content area has a top section for 'Enter or find an External Tool URL' with a text input containing 'https://www.testout.com/orbispartner/' and a 'Find' button. Below this is a checkbox for 'Load This Tool In A New Tab'. A 'Moderated Grading' section has a checkbox for 'Allow a moderator to review multiple independent grades for selected submissions'. The 'Assign' section includes an 'Assign to' dropdown set to 'Everyone', a 'Due' date field, and 'Available from' and 'Until' date fields. At the bottom of the 'Assign' section is a '+ Add' button. Below the 'Assign' section is a checkbox for 'Notify users that this content has changed'. At the very bottom are three buttons: 'Cancel', 'Save & Publish' (highlighted with a red arrow), and 'Save'.

If configured correctly, you will be taken to this landing page where it tells you which course you will connect to.

Press *Launch TestOut*.



The screenshot shows the TestOut Desktop Pro landing page. The top navigation bar includes a hamburger menu icon and the breadcrumb 'Computers 101 > Assignments > TestOut Desktop Pro'. The left sidebar is the same as in the previous screenshot. The main content area has a header 'TestOut Desktop Pro' and a large central image. The image features the TestOut logo, 'Powered by LABSIM', and a 'Desktop Pro Update 08/10/16 English 3.0.4' banner. Below the banner is a welcome message and a 'Launch TestOut' button, which is highlighted with a red arrow. At the bottom of the image is a footer with 'Technical Support', an email address 'support@testout.com', and a phone number '800-877-4889'. On the right side of the page, there are two buttons: 'Edit Assignment Settings' and 'Speed Grader™'.

You will be taken to the last place you visited in your LabSim course.

TestOut TestOut Desktop Pro Plus English 3.6.2   Actions 



0.1 Video: Introduction to Desktop Pro Plus

Introduction to Desktop Pro
LabSim Navigation
TestOut

 Play Video
 Play with
Interactive Script

<

>

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Linking to a Specific LabSim Resource (with Grade Reporting)

Inside of your course, navigate to the *Assignments* page and click on the **+ Assignment** button.

TestOut Computers 101 > Assignments

Home Search for Assignment + Group + Assignment

Announcements

Assignments

Discussions

Grades

People

Pages

Files

Syllabus

Outcomes

Quizzes

Modules

Conferences

Collaborations

Settings

No assignments in this group

Give your assignment a name based on the LabSim resource you are linking to.

TestOut Computers 101 > Assignments > Create new

Home Not Published

Announcements

Assignments

Discussions

Grades

People

Pages

Files

Syllabus

Outcomes

Quizzes

Modules

Conferences

Collaborations

Settings

Lab: 1.3.5 Set Up a Computer

HTML Editor

Link to other content in the course. Click any page to insert a link to that page.

Pages

Link to a New Page

Assignments

Quizzes

Announcements

Discussions

Modules

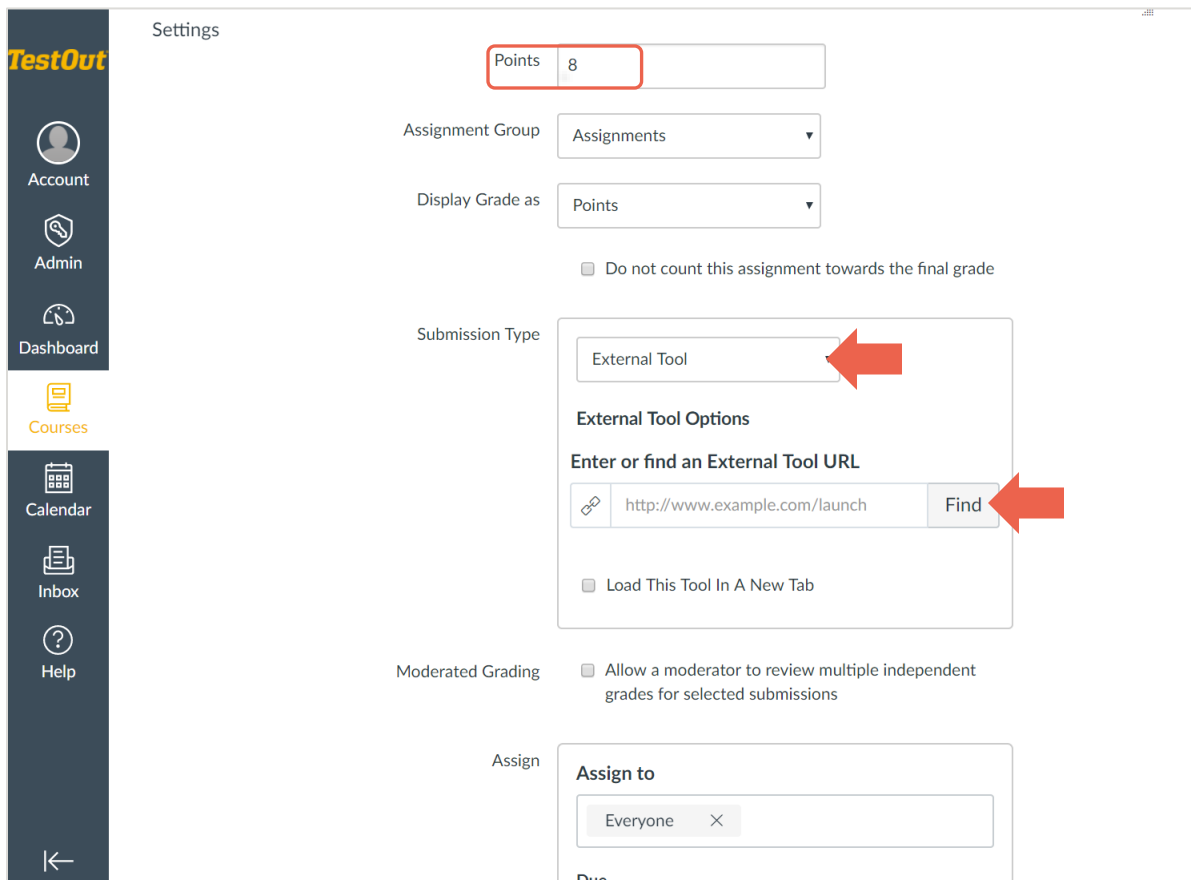
Course Navigation

Points 0

Assignment Group Assignments

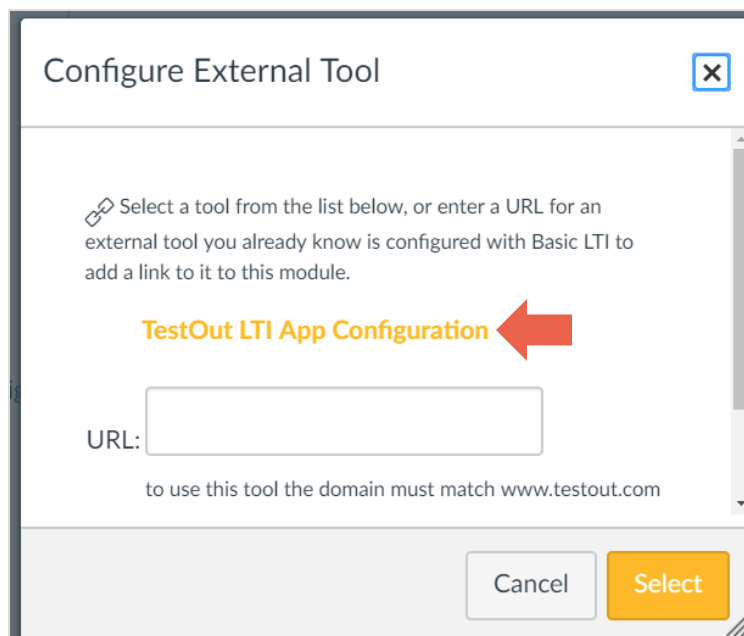
Add points to assign the number of points you want this resource to be worth.

Select *External Tool* in the Submission Type dropdown box and press *Find*.



The screenshot shows the 'Settings' page for an assignment in the TestOut system. On the left is a dark sidebar with icons and labels for 'Account', 'Admin', 'Dashboard', 'Courses', 'Calendar', 'Inbox', and 'Help'. The main content area has a 'Points' input field set to '8'. Below it are dropdowns for 'Assignment Group' (set to 'Assignments') and 'Display Grade as' (set to 'Points'). A checkbox 'Do not count this assignment towards the final grade' is present. The 'Submission Type' dropdown is set to 'External Tool', highlighted with a red arrow. Below this is the 'External Tool Options' section, which includes a text input for 'Enter or find an External Tool URL' containing 'http://www.example.com/launch', a 'Find' button highlighted with a red arrow, and a checkbox 'Load This Tool In A New Tab'. At the bottom, there is a 'Moderated Grading' checkbox and an 'Assign to' dropdown set to 'Everyone'.

You will see the external tools you have set up populate in the *Configure External Tool* screen. Select the one you have set up for LabSim.



The screenshot shows a 'Configure External Tool' dialog box. It has a title bar with a close button. The main text says: 'Select a tool from the list below, or enter a URL for an external tool you already know is configured with Basic LTI to add a link to it to this module.' Below this, 'TestOut LTI App Configuration' is listed as an option, highlighted with a red arrow. There is a 'URL:' label followed by an empty text input field. Below the input field, it says 'to use this tool the domain must match www.testout.com'. At the bottom are 'Cancel' and 'Select' buttons.

At this point, you can customize the URL to do a variety of things. Simply add ? to the end of the URL and add the following custom parameters (parameters are separated by &).

- **Go to a Course:** Add *labsim_course_id=* followed by the ISBN of your course (example: 978-1-935080-43-5). **This is required to connect to LabSim.**
- **Go to a Specific Resource:** To go to a specific resource inside of the course you have specified, add *labsim_section_id=* followed by the section (example: 9.5.3).
 - For specific information on how to link to other LabSim resources, refer to the [Linking to a Custom Exam/Linking to a Pro Certification Exam sections](#).
- **Allow Students to Submit a Score Back to Canvas:** If you wish to have students send a score back to Canvas from a resource, add *labsim_allow_outcomes=true* to the URL (*Please note that you could do this globally if you added the parameter to the external app*).

In the end, your URL should look similar to the one below:

http://www.testout.com/orbispartner/basiclti.aspx?labsim_course_id=978-1-935080-43-5&labsim_section_id=9.5.3&labsim_allow_outcomes=true

When finished, click **Select**.

Note: If you wish to create a LabSim class or add students to a LabSim class, refer to [Creating a LabSim Class using LMS Integration](#).

Configure External Tool

Select a tool from the list below, or enter a URL for an external tool you already know is configured with Basic LTI to add a link to it to this module.

TestOut LTI App Configuration

URL:

to use this tool the domain must match www.testout.com

Cancel **Select**

Click *Save & Publish*.

TestOut

Account

Admin

Dashboard

Courses

Calendar

Inbox

Help

☐ Do not count this assignment towards the final grade

Submission Type

External Tool

External Tool Options

Enter or find an External Tool URL

Find

☐ Load This Tool In A New Tab

Moderated Grading

☐ Allow a moderator to review multiple independent grades for selected submissions

Assign

Assign to

Everyone

Due

Available from

Until

+ Add

☐ Notify users that this content has changed

Cancel

Save & Publish

Save

Pooled or Group Licensing

If you are using Pooled or Group Licensing, after clicking a link, the following screen will come up, showing the course you will launch in LabSim. If you are using Activation Codes, please jump to the next section.

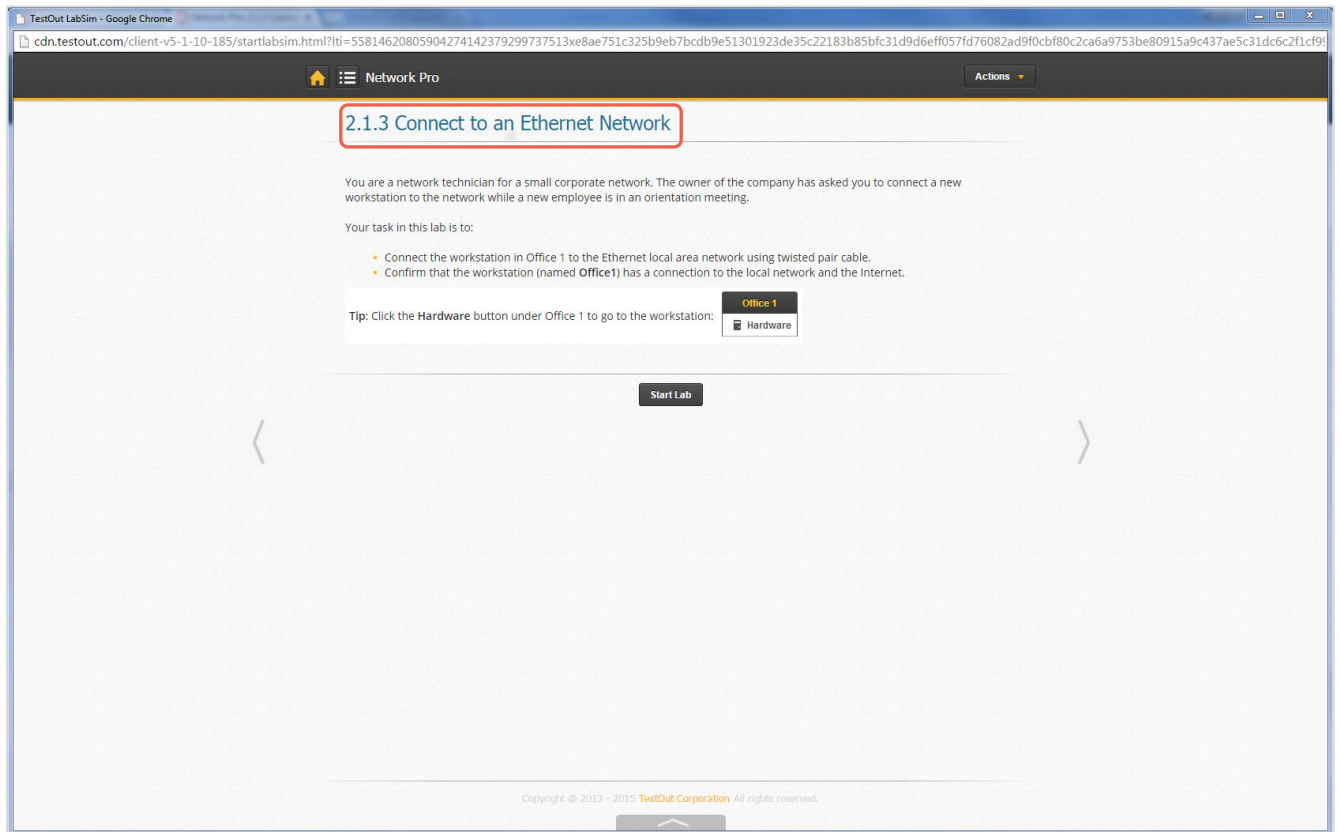
Click **Launch LabSim**.

Note: If you have an existing LabSim account, make sure your emails in Canvas and LabSim match to connect your Canvas account to your LabSim account

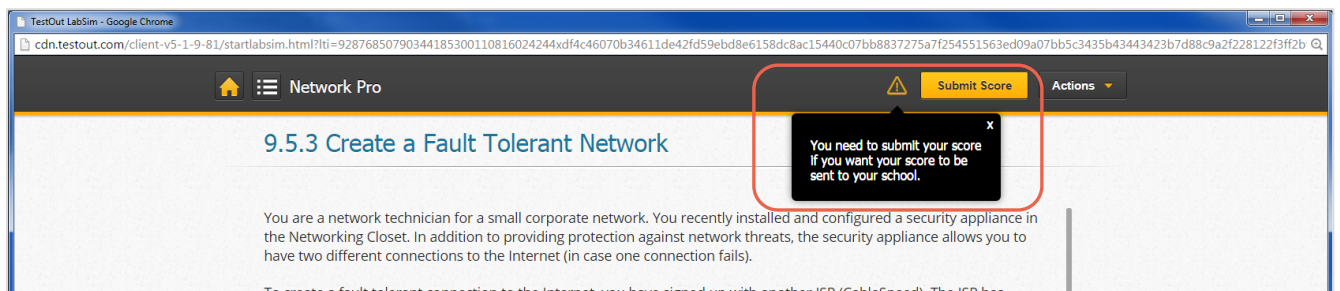
The screenshot displays the TestOut interface within a Canvas LMS environment. On the left is a dark sidebar with the TestOut logo and navigation links: Account, Admin, Dashboard, Courses (highlighted), Calendar, Inbox, Help, and a back arrow. The main content area has a breadcrumb trail: Blueprint > Assignments > Video. Below this is a 'Video' section header and a list of navigation links: Home, Announcements, Assignments (highlighted), Discussions, Grades, People, Pages, Files, Syllabus, Outcomes, Quizzes, Modules, Conferences, Collaborations, and Settings. The central video player shows a TestOut welcome screen with the text 'Desktop Pro Update 08/10/16 English 3.0.4' and a 'Launch TestOut' button. To the right of the video player are two buttons: 'Edit Assignment Settings' and 'Speed Grader™'. At the bottom of the interface are 'Previous' and 'Next' navigation buttons.

You will notice that you are directed to the correct resource inside of LabSim.

There is not a *Submit Score* button when logging in as an Administrator or Instructor.



Students will see a score button as shown below.

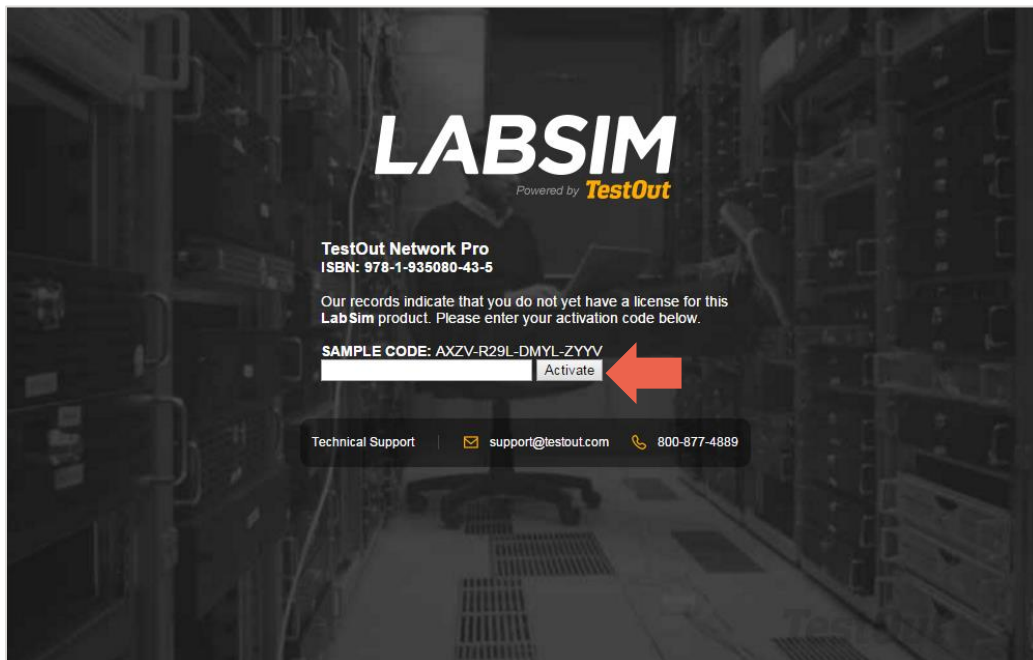


Activation Codes

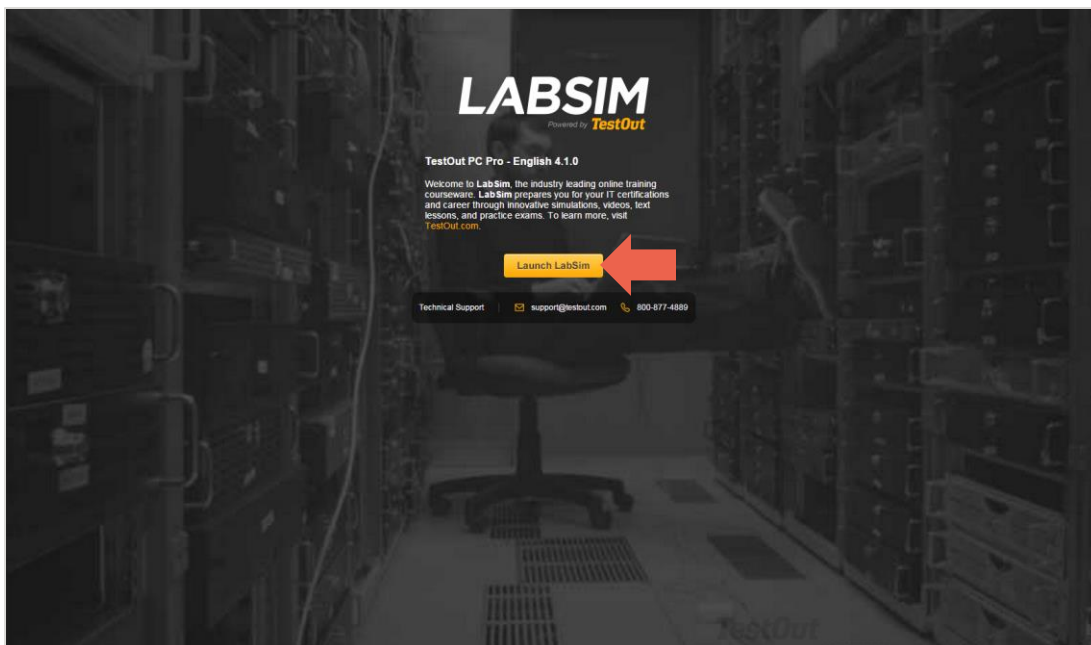
If you are using activations codes and do not have an existing account **OR** if you have an existing account but do not have the product you are trying to access activated, select the link to your course and you will see the following screen.

Input your activation code and click *Activate*.

Note: If you have an existing LabSim account, make sure your emails in Canvas and LabSim match to connect your Canvas account to your LabSim account

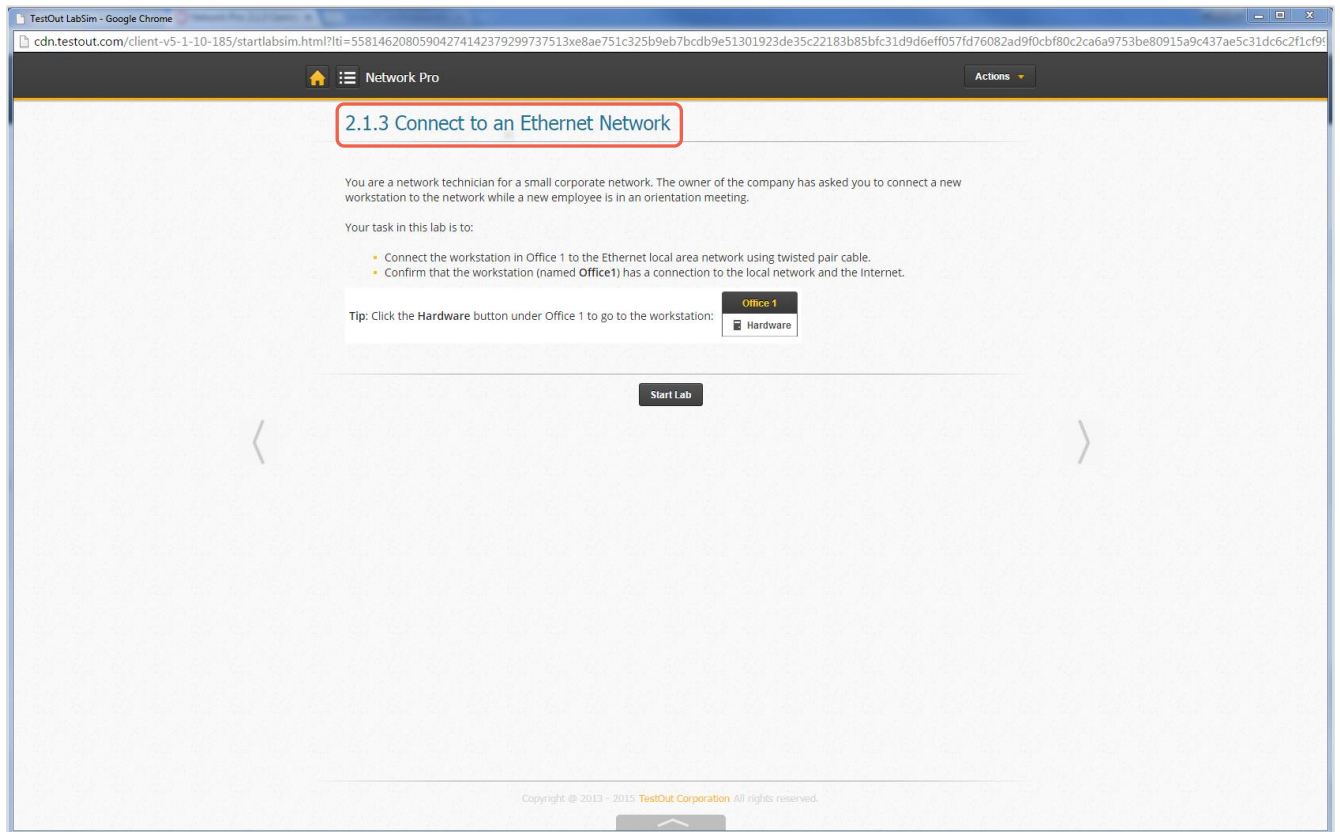


If you have an existing LabSim account and the product you are trying to access is activated, select the link to your course and you will see the following screen. Click *Launch LabSim*.

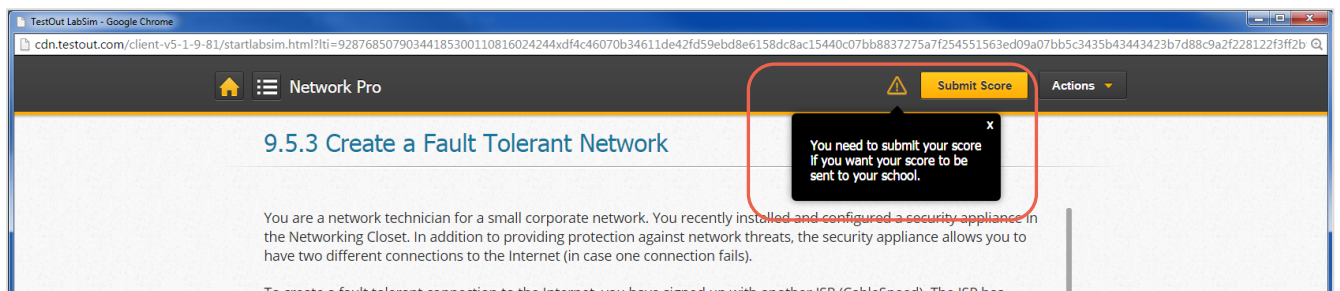


You will notice that you are directed to the correct resource inside of LabSim.

There is not a *Submit Score* button when logging in as an Administrator or Instructor.



Students will see a score button as shown below.



LINKING TO A CUSTOM EXAM

To link to a Custom Exam you will first need to find the Exam ID found on your Custom Exams screen in LabSim.

| My Classes My Staff My Students Custom Exams | | | | | | |
|---|--------------------------------|----------|---------------|----------------------|-------------------|-----------|
| Item Bank + Add Actions ▾ View ▾ Teacher ▾ | | | | | | |
| 10 results ◀ Prev Page 1 of 1 ▾ Next ▶ Search | | | | | | |
| <input type="checkbox"/> | Exam Name | Exam IDs | Last Modified | Created By | Scheduled Classes | |
| <input type="checkbox"/> | Access End-of-Chapter Exam | XVFNH | 4/20/2015 | TestOut | 0 | Actions ▾ |
| <input type="checkbox"/> | Excel End-of-Chapter Exam | XE6R | 4/20/2015 | TestOut | 1 | Actions ▾ |
| <input type="checkbox"/> | PowerPoint End-of-Chapter Exam | XVP9R | 4/20/2015 | TestOut | 0 | Actions ▾ |
| <input type="checkbox"/> | Word End-of-Chapter Exam | XFKC | 4/20/2015 | TestOut | 1 | Actions ▾ |
| <input type="checkbox"/> | Copy of Linux Custom Exam2222 | X3V94 | 8/30/2016 | Administrator, Bl... | 0 | Actions ▾ |
| <input type="checkbox"/> | Linux Custom Exam | X2QPB | 8/30/2016 | Administrator, Bl... | 0 | Actions ▾ |
| <input type="checkbox"/> | Multiple Attempt Test | X39Q5 | 11/16/2016 | Administrator, Bl... | 2 | Actions ▾ |
| <input type="checkbox"/> | PC Pro Test Custom Exam | X3AA8 | 11/22/2016 | Administrator, Bl... | 1 | Actions ▾ |
| <input type="checkbox"/> | Test Exam | X2BFE | 5/27/2016 | Administrator, Bl... | 1 | Actions ▾ |
| <input type="checkbox"/> | Test-Week1 | X2PNX | 5/27/2016 | Administrator, Bl... | 1 | Actions ▾ |

Following the same steps outlined in [Creating a Link to LabSim](#), use the Exam ID in place of the section number.

You must include `labsim_class_id={Your Class Name Here}` (or make sure you have the parameter included in the external app) if you want the score stored and visible within your LabSim class.

For example:

https://www.testout.com/orbispartner/basiclti.aspx?labsim_course_id=978-1-935080-43-5&labsim_section_id=X2BFE&labsim_class_id={Your Class Name Here}

LINKING TO A TESTOUT PRO CERTIFICATION EXAM

To link to a TestOut Pro Certification Exam, follow the same steps as outlined in [Creating a Link to LabSim](#), but simply replace the value following `labsim_section_id=` with the name of the Pro Certification Exam.

For example:

https://www.testout.com/orbispartner/basiclti.aspx?labsim_course_id=978-1-935080-43-5&labsim_section_id=TestOut%20Network%20Pro%20Certification

Note that the `labsim_course_id=` followed by the ISBN of your course is still required.

Scores cannot be sent back to the LMS for Pro Certifications at this point.

CREATING A LABSIM CLASS USING LMS INTEGRATION

Using LTI to Create a Class

It is recommended that you include `labsim_class_id=@context_title` to while setting up the external app. This will create a LabSim class using the Canvas course name.

Additionally, You can create a class in LabSim by adding the custom parameter `labsim_class_id` followed by the name of your class at the end of a URL.

Note: If you have spaces in your class title, please insert %20 in place of the spaces.

In the end, your URL might look something like this:

`http://www.testout.com/orbispartner/basiclti.aspx?labsim_course_id=978-1-935080-43-5&labsim_section_id=9.5.3&labsim_allow_outcomes=true&labsim_class_id=Test%20Networking%20Class`

Assigning a Teacher and Product to the Class

Creating a New Class

A teacher can create a class by clicking on an assignment where the link contains the `labsim_class_id` parameter.

By doing this, the teacher creates the class, is assigned as the instructor of this class and associates a TestOut product to the class (based on the ISBN contained in the URL).

Note: If a different instructor clicks on this link, they will be placed as the instructor of this course, replacing whoever the instructor was prior to that point.

Linking to an Existing LabSim Class

A teacher can add students to class that was previously created in LabSim by creating a link with the `labsim_class_id` and adding the EXACT class name after the custom parameter (remembering to add %20 in place of any spaces).

Adding Students to the Class

To add students to a class, students need only to click on an assignment that contains the `labsim_class_id` parameter in the URL. Once a student clicks on ONE LINK that contains `labsim_class_id`, they will be added to the indicated class.

Note: The custom parameter `labsim_class_id` does not need to be in every link to LabSim, just make sure it is in one of the initial links a student clicks on inside of your LMS.

IMPORTING A COURSE SHELL INTO A CANVAS COURSE

After creating your course, navigate to the *Settings* page.

The screenshot displays the Canvas LMS interface for a course titled "DesktopPro4.0.x". On the left, a dark sidebar contains navigation links: Account, Admin, Dashboard, Courses (highlighted in orange), Calendar, Inbox, and Help. The main content area is divided into two sections. The top section, "Recent Activity in DesktopPro4.0.x", features a yellow box with an information icon and the text: "No Recent Messages You don't have any messages to show in your stream yet. Once you begin participating in your courses you'll see this stream fill up with messages from discussions, grading updates, private messages between you and other users, etc." The bottom section, "Recent Activity", is currently empty. On the right side, the "Course Status" section shows "Unpublish" and "Published" buttons, with "Published" being active. Below this are buttons for "Choose Home Page", "Course Setup Checklist", and "New Announcement". The "Coming Up" section indicates "Nothing for the next week" and includes a "View Calendar" link. A red arrow points to the "Settings" option in the left sidebar.

Select *Import Course Content*.

The screenshot shows the 'Course Details' page for 'DesktopPro4.0.x'. The left sidebar contains navigation links: Account, Admin, Dashboard, Courses (highlighted), Calendar, Inbox, and Help. The main content area has tabs for Course Details, Sections, Navigation, Apps, and Feature Options. The 'Course Details' tab is active, showing fields for Name, Course Code, Blueprint Course, Time Zone, SIS ID, Subaccount, Term, Starts, and Ends. A green status indicator 'Course is Published' is visible. The right sidebar contains a 'Student View' section with links like Course Statistics, Course Calendar, and Conclude this Course, followed by a 'Current Users' table. A red arrow points to the 'Import Course Content' link in the right sidebar.

| Current Users | |
|---------------|------|
| Students: | None |
| Teachers: | 1 |
| TAs: | None |
| Designers: | None |
| Observers: | None |

Select *Canvas Course Export Package*. Choose the Canvas file you wish to import. Choose *Select specific content* radial button and then *Import*.

The screenshot shows the 'Import Content' dialog. The left sidebar is the same as the previous screenshot. The main content area has a 'Content Type' dropdown set to 'Canvas Course Export Package', a 'Source' button labeled 'Choose File', a 'Content' section with two radio buttons ('All content' and 'Select specific content'), and an 'Options' section with a checkbox 'Adjust events and due dates'. At the bottom are 'Cancel' and 'Import' buttons. Red arrows point to each of these four elements.

The course will take some time to import...

TestOut Computers 101

Home
Announcements
Assignments
Discussions
Grades
People
Pages
Files
Syllabus
Outcomes
Quizzes
Modules
Conferences
Collaborations

Import Content

Content Type

Current Jobs

| | | | |
|-------------------------|--------------------------|------------------|---------|
| Canvas Common Cartridge | ...Pro+4.2.x_Canvas.imsc | Oct 30 at 1:17pm | Running |
|-------------------------|--------------------------|------------------|---------|

Content import files cannot be downloaded after 500 days.

Once this has finished running, press *Select Content*.

TestOut Computers 101

Home
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Import Content

Content Type

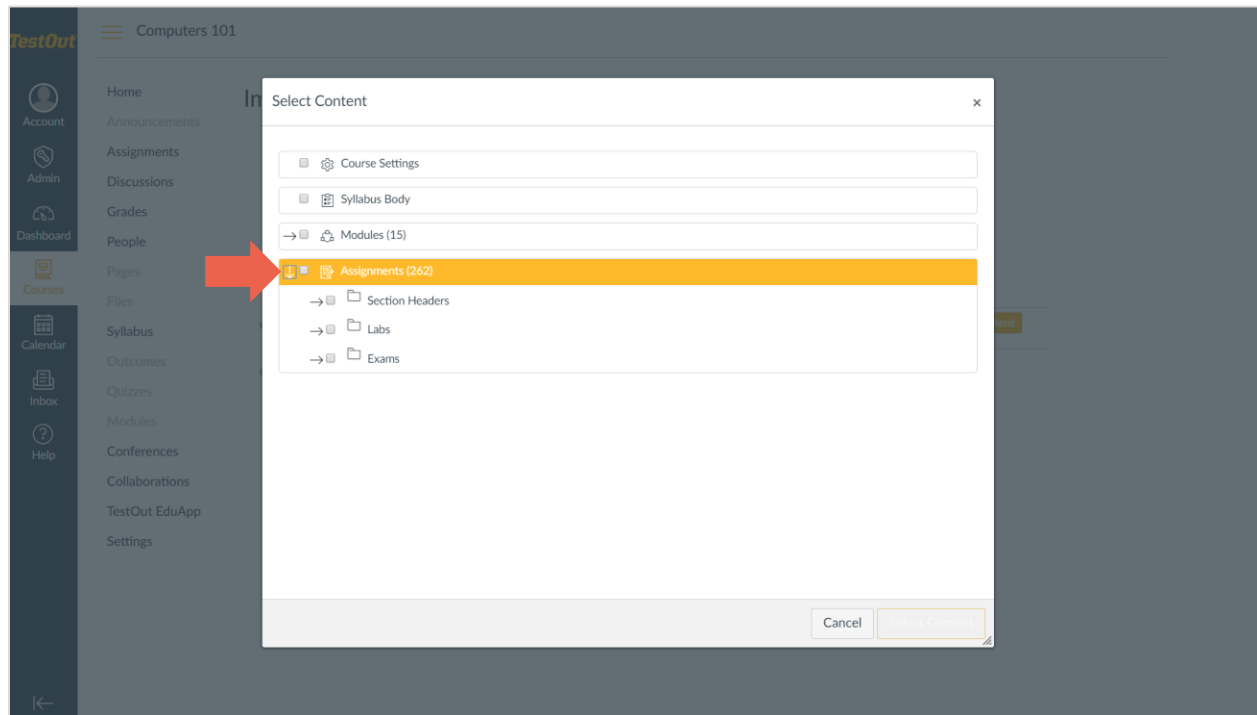
Current Jobs

| | | | | |
|-------------------------|--------------------------|------------------|--------------------|----------------|
| Canvas Common Cartridge | ...Pro+4.2.x_Canvas.imsc | Oct 30 at 1:17pm | Waiting for select | Select Content |
|-------------------------|--------------------------|------------------|--------------------|----------------|

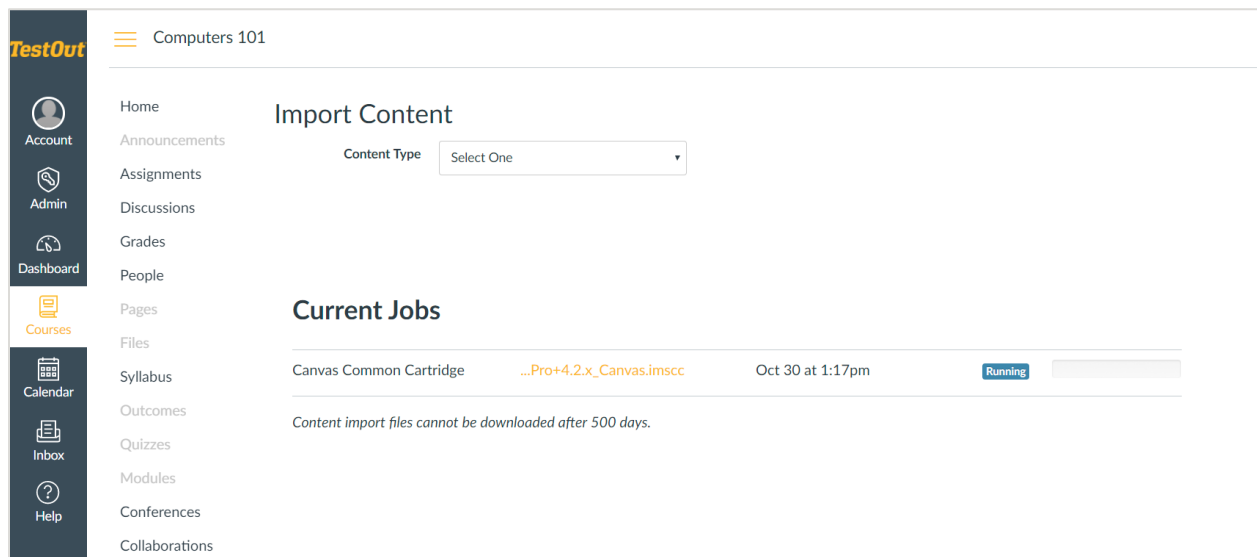
Content import files cannot be downloaded after 500 days.

Select the *Assignments*.

Do not select the LTI External Tool.



Your import will be queued and then will show the status *Running*.



Once it has finished running, navigate to the *Assignments* page.

The screenshot shows the TestOut interface for 'Computers 101'. The left sidebar contains links to Account, Admin, Dashboard, Courses, Calendar, and Inbox. The main content area is titled 'Import Content' and features a 'Content Type' dropdown menu set to 'Select One'. Below this, the 'Current Jobs' section displays a table with the following data:

| Job Name | File Name | Due Date | Status |
|-------------------------|--------------------------|------------------|-----------|
| Canvas Common Cartridge | ...Pro+4.2.x_Canvas.imsc | Oct 30 at 1:17pm | Completed |

A note below the table states: 'Content import files cannot be downloaded after 500 days.'

You will see the *Assignments* (links to LabSim resources) have been imported into your *Assignments* page.

The screenshot shows the TestOut interface for 'Computers 101 > Assignments'. The left sidebar contains links to Account, Admin, Dashboard, Courses, Calendar, and Inbox. The main content area is titled 'Assignments' and features a search bar and buttons for '+ Group', '+ Assignment', and a settings icon. Below this, the 'Assignments' section lists the following items:

| Item Name | Points | Status |
|----------------------------|--------|-----------|
| 2.3.4 - Practice Questions | 5 pts | Completed |

The 'Labs' section lists the following items:

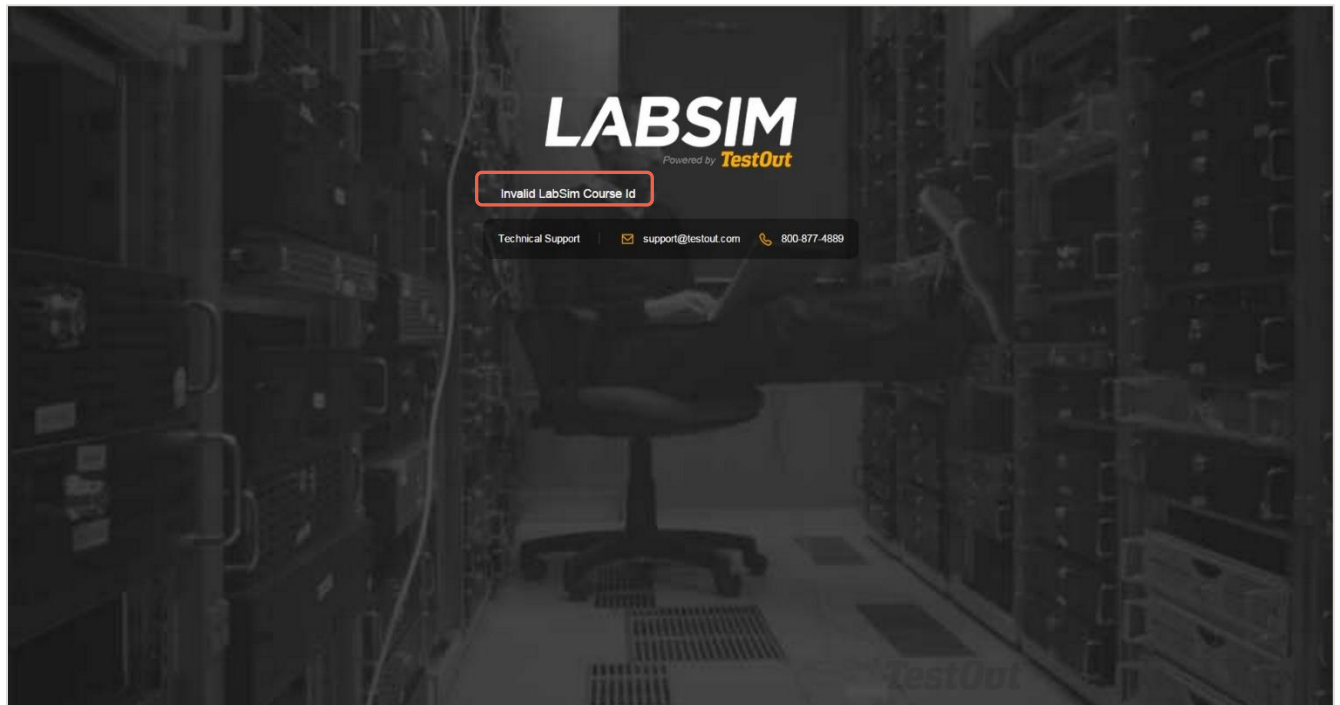
| Item Name | Points | Status |
|-------------------------------|--------|-----------|
| Lab: 0.1.4 Manage Linux Files | 4 pts | Completed |
| Lab: 1.2.4 Get Help 1 | 1 pts | Completed |
| Lab: 1.2.5 Get Help 2 | 1 pts | Completed |
| Lab: 1.2.6 Get Help 3 | 1 pts | Completed |

COMMON ERRORS

There are some common errors that we have seen when trying to integrate LabSim with LMS Systems.

Below you see an error when trying to connect to LabSim. The text in the box will often give you a clue as to what the information LabSim is not receiving so that you can correct the problem in your LMS.

Below are some of the common errors. If you see an error other than one of these, please contact us.



Invalid Consumer Key: This means that you have inputted your Consumer Key incorrectly.

Please verify you have keyed the Consumer Key correctly. If you have, please take a screenshot and contact us.

OAuth Authorization Failed: Your Shared/Consumer Secret is incorrect. Please verify you have keyed the Consumer Key correctly. If you have, please take a screenshot and contact us.

Invalid LabSim Course Id: You have inputted the parameters that direct you to the course you are looking to access. The parameter should look like this—the value after the equal sign is the ISBN of your LabSim product:

labsim_course_id=978-1-935080-43-5

Invalid User Id: LabSim requires that the User ID is passed from the LMS. If you are receiving this error, you (or your admin) needs to change the permissions in your LMS to pass over the User ID to LabSim.

Invalid User Role: LabSim requires a user role to be passed over from the LMS. This is how LabSim knows to create an instructor account or a student account. If you are receiving this error, you (or your admin) needs to change the permissions in your LMS to pass over the role to LabSim.

No licenses are available for the requested product: This error means that your Consumer Key and Secret have been setup with a group licensing model and there are no more licenses available. Please contact your Account Executive to get more licenses added to the pool

Server Error in '/OrbisPartner' Application

The "Launch URL" you input into the LMS is incorrect. It should be:

<http://www.testout.com/orbispartner/basiclti.aspx>

Please verify that it is correct. If it is and you are still getting this error, please take a screenshot of both the screen and the URL you have input and contact us.

Server Error in '/OrbisPartner' Application.

The resource cannot be found.

Description: HTTP 404. The resource you are looking for (or one of its dependencies) could have been removed, had its name changed, or is temporarily unavailable. Please review the following URL and make sure that it is spelled correctly.

Requested URL: /orbispartner/basiclti.aspx

Version Information: Microsoft .NET Framework Version:4.0.30319; ASP.NET Version:4.0.30319.18449