



Add Labster simulations to your Canvas course

Guide for all instructors of the California Community College System

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SECTION 1 - Adding Simulations as Assignments

1. Choose your simulations

1. Navigate to this page <https://www.labster.com/faculty-resources/?k=Kxr5RsZrs7j6BjYx> and browse through our catalog.
2. Once you have decided which course packages are the most suitable for your course, simply download the packages of your choice. You can import more than one package to your course.

Import All Simulations in Package

General Biology I & II

Resources

Download PDF Summary

Add Simulations To Your Course

Core Simulations

All Simulations

Download Canvas Guide

Watch The Guide In Video

Core Simulations

- Acids and Bases
- Action Potential Lab: Experiment wi...
- Animal Genetics
- Atomic Structure: Assess the possib...
- Basic Chemistry Thermodynamics: S...
- Carbohydrates: The sugars that feed...
- Cellular Respiration: Measuring ener...
- Electron Transport Chain: A rollerco...
- Enzyme Kinetics
- Evolution: Are you related to a sea ...
- Experimental Design
- Gene Expression Unit
- Introduction to Food Macromolecules
- Ionic and Covalent Bonds
- Lab Safety
- Matter and Phase Changes: Distil et...
- Meiosis
- Mendelian Inheritance: From genes ...
- Microscopy
- Mitosis
- Organic Chemistry Introduction: Lea...
- Pigment Extraction: Use photosynth...
- Pipetting: Master the technique
- Protein Synthesis
- Signal Transduction: How Cells Com...

Related Simulations

- Antibodies: Why are some blood typ...
- Bacterial Cell Structures: An introdu...
- Bacterial Isolation
- Confocal Microscopy
- Cytogenetics
- Diabetes
- ELISA
- Embryology: Discover the genetics o...
- Fermentation
- Gene Regulation
- Hematology: Introduction to blood
- Medical Genetics
- Molecular Cloning
- Monogenic Disorders
- Next Generation Sequencing
- Parkinson's Disease
- Polymerase Chain Reaction
- The Gram Stain: Identify and differe...
- Viral Gene Therapy
- Your Diet and Your DNA

Import Core Simulations Only

General Biology I & II

Resources

Download PDF Summary

Add Simulations To Your Course

Core Simulations

All Simulations

Download Canvas Guide

Watch The Guide In Video

Core Simulations

- Acids and Bases
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- Viral Gene Therapy
- Your Diet and Your DNA

Note: Our simulations are bundled in course packages. For each course package, you will find two types of simulations: core and related simulations, based on their relevance to the subject.

2. Import the Common Cartridge file to your course

1. Log in to Canvas
2. Go to your course and press *Settings* on the left-hand side panel
3. Select *Import Course Content* on the right-hand side panel

The screenshot displays the Canvas LMS interface for a course. On the left sidebar, the 'Settings' option is highlighted with a red box and a circled '1'. The main content area shows the 'External Apps' page, which includes a '+ App' button and a table of installed apps. The table has a header 'Name' and one entry: 'Labster Dashboard'. On the right sidebar, the 'Import Course Content' option is highlighted with a red box and a circled '2'. Other options in the right sidebar include 'Student View', 'Course Statistics', 'Course Calendar', 'Conclude this Course', 'Delete this Course', 'Copy this Course', 'Export Course Content', 'Reset Course Content', and 'Validate Links in Content'.

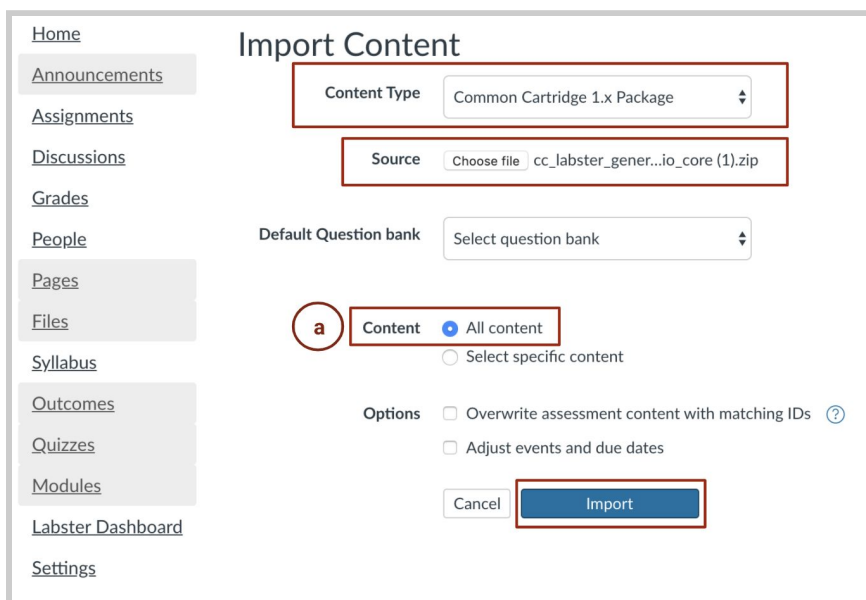
4. In the *Import Content* page, select *Content Type* = Common Cartridge 1.x Package
5. Select *Browse* button in the *Source* field and select the previously downloaded Common cartridge file

3. Select Simulation Assignments

Option A - Import All Simulations

If you are interested in most of the simulations from the course package:

1. Select *All content*
2. Click the *Import* button.

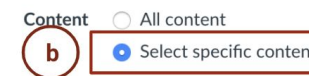


Note: You can delete the simulations after adding them

Option B - Select Specific Simulations Only

If you are only interested in some simulations from the package:

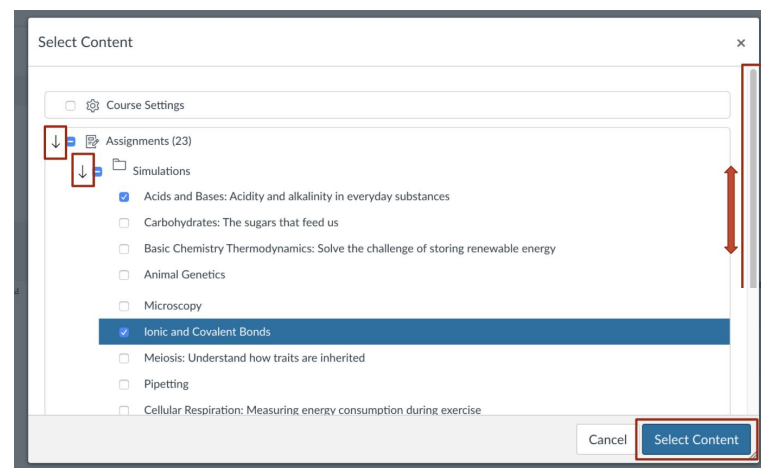
1. Choose *Select specific content*
2. Click the *Import* button
3. Click the *Select Content* button



Current Jobs

Common Cartridge [...er_generalbio_core.zip](#) Mar 24 at 9:54am Waiting for Selection Select Content

4. Click on the arrow next to Assignments and then Simulations
5. Check the simulations you want to add to your course
6. Press the Select Content button



Note: You can delete the simulations after adding them

6. The import is now completed and you will find your simulations under the *Assignments* section.

all-course

Home

Announcements

Assignments

Discussions

Grades

People

Pages

Files

Syllabus

Import Content

Content Type

Current Jobs

Common Cartridge [...er_generalbio_core.zip](#) Mar 24 at 9:54am Completed

2. Your simulations are here

1. When you see this

Important notes:

1. Please note that **you must not alter existing activities/assignments by modifying the simulation URLs.** Doing so would affect the grading.
2. You can import as many course packages as you wish. A simulation can be found under more than one course package. As a consequence, please **ensure that you remove simulation duplicates from your course before you publish the assignments.** In case a simulation appears twice under the Assignments section, it will also appear twice in your Canvas gradebook.

3. Publish the Assignments

1. Select *Courses > Assignments*
2. Select *Publish* icon on each simulation

The screenshot displays a course management interface. On the left is a navigation sidebar with the following items: **Assignments** (highlighted in blue), Discussions, Grades, People, Pages, Files, Syllabus, and Outcomes. The main content area is divided into two sections:

- Assignments:** A section header with a plus icon and a three-dot menu icon. Below it is a message: "No assignments in this group".
- Simulations:** A section header with a plus icon and a three-dot menu icon. It contains two simulation items:
 - Acids and Bases: Acidity and alkalinity in everyday substances** (100 pts): This item is marked as "Published" with a green checkmark icon.
 - Enzyme Kinetics** (100 pts): This item is highlighted in blue and has a "Publish" button with a red square around it, indicating it is the current focus of the instruction.

SECTION 2 - Gradebook

1. Adding Labster Dashboard to Course Navigation

To see detailed simulation progress for you and your students, you can add the Labster Dashboard to your course navigation.

1. Go to Settings for your course
2. Select Navigation
3. Drag the “Labster Dashboard” menu item up to unhide it
If you do not see “Labster Dashboard”, please ask your Canvas Admin to activate Labster in your Canvas instance.
4. Press Save. You and your students will now see the “Labster Dashboard” option in the left menu.

Home [Course Details](#) [Sections](#) **Navigation** [Apps](#) [Feature Options](#)

[Announcements](#)

[Assignments](#)

[Discussions](#)

[Grades](#)

[Pages](#)

[Quizzes](#)

[Modules](#)

[Syllabus](#)

[Files](#)

[Outcomes](#)

[People](#)

Settings

Drag and drop items to reorder them in the course navigation.

Home	⋮
Announcements	⋮
Assignments	⋮
Discussions	⋮
Grades	⋮
Labster Dashboard	⋮
Pages	⋮
Quizzes	⋮

Drag items here to hide them from students.
Disabling most pages will cause students who visit those pages to be redirected to the course home page.

Labster Dashboard
Page disabled, won't appear in navigation

Pages
Page disabled, will redirect to course home page

Quizzes
Page disabled, will redirect to course home page

2. Automated Grading

The grades are being sent to the LMS gradebook automatically once a student has 100% completed the simulation. If a student has not completed the simulation or restarted the simulation before reaching 100%, no grade is being sent back to the LMS gradebook. Your admin has set up Labster so that the highest score is sent to the LMS gradebook.

Real-life example: A student plays the same simulation twice. They complete the simulation for the first time and get a score of 60 out of 100. The same student completes the simulation for the second time and gets a score of 70 out of 100. Only the best completed attempt will be visible on Canvas gradebook which in this case is 70.

Labster Dashboard: The Labster dashboard can be added to your course (see previous step) and can be found in the left panel of your course. It provides further details on student results from all attempts including those which are not completed to 100%.

The screenshot displays the Canvas LMS interface. On the left, a dark sidebar contains navigation icons for Dashboard, Courses, Calendar, and Inbox. A secondary sidebar lists course tools: Assignments, Discussions, Grades, People, Pages, Files, Syllabus, Outcomes, Quizzes, Modules, Labster Dashboard (highlighted with a red box), and Settings. The main content area shows a 'No assignments' message under the 'Assignments' section and a list of four simulations under the 'Simulations' section, each with a score of 100 pts:

- Acids and Bases: Acidity and alkalinity in everyday substances
- Enzyme Kinetics
- Matter and Phase Changes: Distil ethanol
- Microscopy