



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

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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 shows the Canvas LMS interface. On the left-hand side, there is a dark navigation menu with icons and labels for Account, Admin, Dashboard, Courses, Calendar, and Inbox. Below these, a list of course settings is visible: Home, Announcements, Assignments, Discussions, Grades, People, Pages, Files, Syllabus, Outcomes, Quizzes, Modules, Labster Dashboard, and Settings. The 'Settings' option is highlighted with a red box and a circled '1'. The main content area is titled 'External Apps' and includes a '+ App' button. Below the title, there is a table with one entry: 'Labster Dashboard' with a lock icon and an information icon. The information icon is circled with a red '2'. On the right-hand side, there is a list of course actions: Student View, Course Statistics, Course Calendar, Conclude this Course, Delete this Course, Copy this Course, Import Course Content (highlighted with a red box), Export Course Content, Reset Course Content, and Validate Links in Content. Below this list is a section for 'Current Users'.

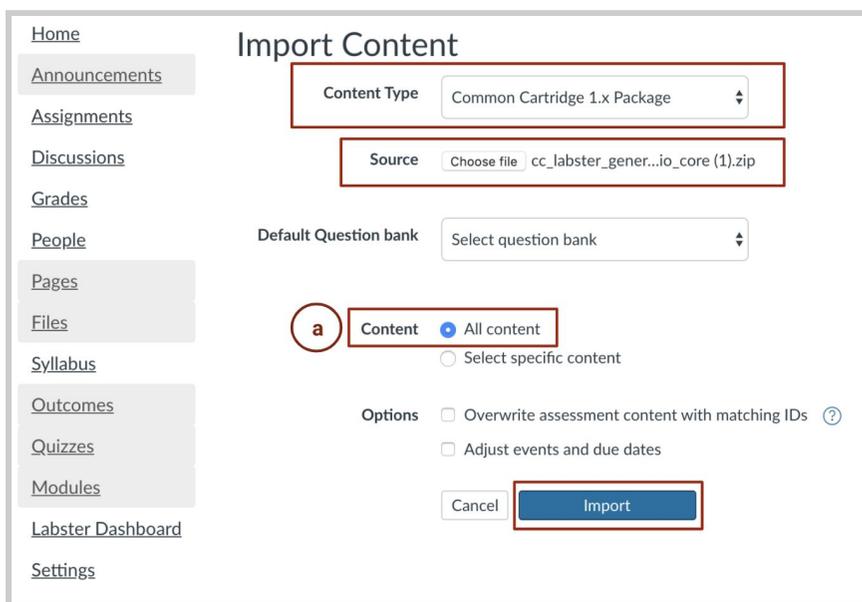
4. In the *Import Content* page, select *Content Type* = Common Cartridge 1.x Package
5. Select *Browse* button in the *Source* field and select the previously downloaded Common cartridge file

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.

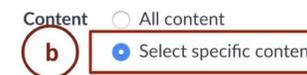


Note: You can delete the simulations after adding them

Option B - Select Specific Simulations Only

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

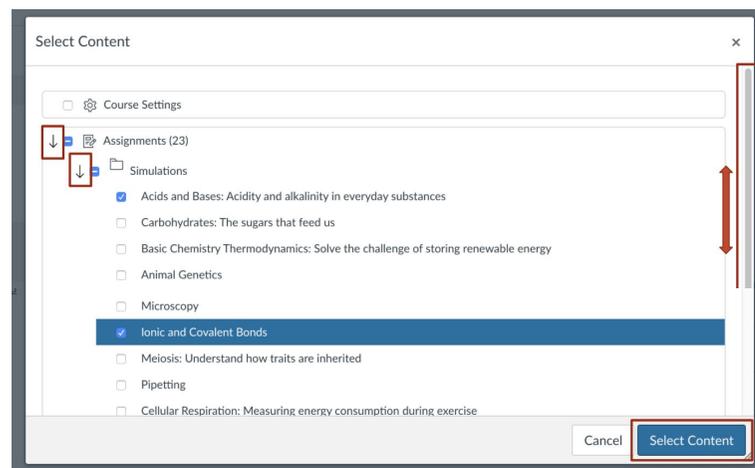
1. Choose *Select specific content*
2. Click the *Import* button
3. Click the *Select Content* button



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

1. When you see this

2. Your simulations are here

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 shows a course management interface with a left-hand navigation menu and a main content area. The navigation menu includes 'Assignments', 'Discussions', 'Grades', 'People', 'Pages', 'Files', 'Syllabus', and 'Outcomes'. The main content area is divided into two sections: 'Assignments' and 'Simulations'. The 'Assignments' section is currently empty, displaying 'No assignments in this group'. The 'Simulations' section contains two items: 'Acids and Bases: Acidity and alkalinity in everyday substances' (100 pts) and 'Enzyme Kinetics' (100 pts). The 'Enzyme Kinetics' item is highlighted in blue. A 'Publish' button is visible next to the 'Enzyme Kinetics' item, and a red square is drawn around it. A 'Published' status indicator is also visible above the 'Acids and Bases' item.

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.

Page disabled, won't appear in navigation

Page disabled, will redirect to course home page

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 a Canvas course dashboard. On the left, a dark sidebar contains navigation icons for Dashboard, Courses, Calendar, and Inbox. A secondary menu lists various 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 is divided into two sections: 'Assignments' (showing 'No assignments') and 'Simulations'. The 'Simulations' section lists four items, each with a score of 100 pts: 'Acids and Bases: Acidity and alkalinity in everyday substances', 'Enzyme Kinetics', 'Matter and Phase Changes: Distil ethanol', and 'Microscopy'.