



Add Labster simulations to your Canvas course

Guide for all instructors of the California Community College System

SECTION 1

- | | |
|--|----------|
| 1. Choose your simulations | 1 |
| 2. Import the Common Cartridge file to your course | 2 |
| 3. Publish the Assignments | 7 |

SECTION 2

- | | |
|-----------|----------|
| 1. Grades | 8 |
|-----------|----------|

SECTION 1

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.

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

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

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, a dark sidebar contains navigation icons and labels: Account, Admin, Dashboard, Courses, Calendar, and Inbox. The 'Settings' option is highlighted with a red box and a red circle containing the number '1'. The main content area is titled 'External Apps' and includes a '+ App' button. Below the title, there is explanatory text and a link to 'See some LTI tools'. A table lists the installed app 'Labster Dashboard' with an information icon circled in red with the number '2'. On the right, a sidebar lists course management actions, with 'Import Course Content' highlighted by a red box.

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
6. Select content:
 - 6.a. Option A - If you are interested in most of the simulations from the course package:
 - 6.a.1. Select *All content*
 - 6.a.2. Click the *Import* button, skip the section 6.b. below and go to section Z.

Home

Announcements

Assignments

Discussions

Grades

People

Pages

Files

Syllabus

Outcomes

Quizzes

Modules

Labster Dashboard

Settings

Import Content

Content Type: Common Cartridge 1.x Package

Source: Choose file cc_labster_gener...io_core (1).zip

Default Question bank: Select question bank

a Content: All content Select specific content

Options: Overwrite assessment content with matching IDs Adjust events and due dates

Cancel Import

Note: You can always delete the simulations from your course after you have added them

- 6.b. Option B - If you are only interested in some of the simulations from the course package:
 - 6.b.1. Choose *Select specific content*
 - 6.b.2. Click the *Import* button

Home

Announcements

Assignments

Discussions

Grades

People

Pages

Files

Syllabus

Outcomes

Quizzes

Modules

Labster Dashboard

Settings

Import Content

Content Type: Common Cartridge 1.x Package

Source: Choose file cc_labster_gener...io_core (1).zip

Default Question bank: Select question bank

Content:
 All content
 Select specific content

Options:
 Overwrite assessment content with matching IDs ?
 Adjust events and due dates

Cancel Import

6.b.3. Once the import is done, click the *Select Content* button

Admin

Dashboard

Courses

Calendar

Inbox

Home

Announcements

Assignments

Discussions

Grades

People

Pages

Files

Syllabus

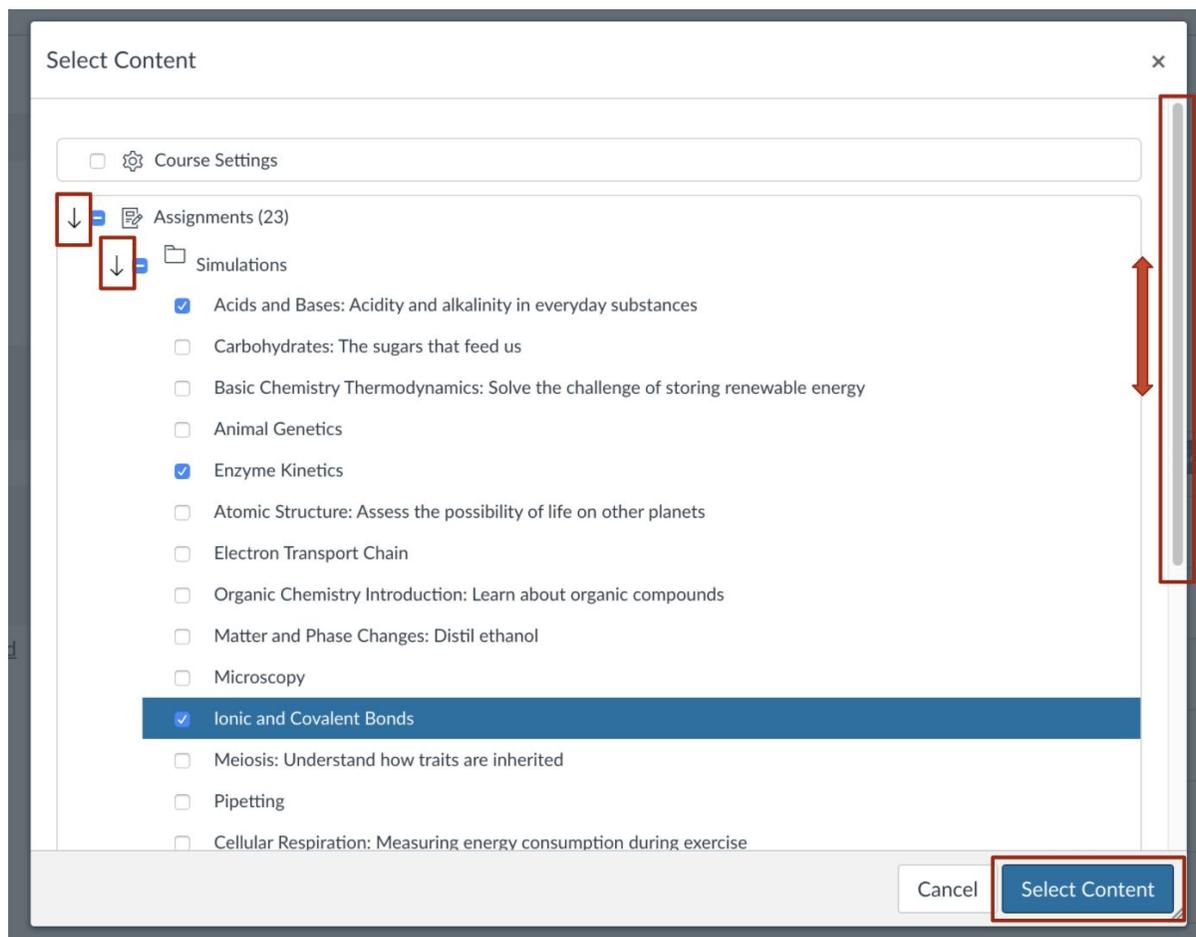
Import Content

Content Type: Select One

Current Jobs

Common Cartridge	...er_generalbio_core.zip	Mar 24 at 9:54am	Waiting for Selection	Select Content
------------------	---------------------------	------------------	-----------------------	----------------

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



Note: You can always delete the simulations from your course after you have added them

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

The screenshot shows the Canvas LMS interface. On the left is a navigation menu with items: Home, Announcements, Assignments (highlighted with a red box), Discussions, Grades, People, Pages, Files, and Syllabus. The main content area is titled 'Import Content' and features a 'Content Type' dropdown menu set to 'Select One'. Below this is the 'Current Jobs' section, which lists an import job: 'Common Cartridge' with the file name '...er_generalbio_core.zip' and a timestamp of 'Mar 24 at 9:54am'. A green 'Completed' badge is visible next to the job, enclosed in a red dashed box. Two red annotations are present: '2. Your simulations are here' with an arrow pointing to the 'Assignments' menu item, and '1. When you see this' with an arrow pointing to the 'Completed' badge.

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 sidebar and a main content area. The sidebar contains navigation links: **Assignments** (highlighted in blue), Discussions, Grades, People, Pages, Files, Syllabus, and Outcomes. The main content area is divided into two sections: **Assignments** and **Simulations**. The **Assignments** section is empty, displaying "No assignments in this group". The **Simulations** section contains two 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 (a circle with a diagonal line) highlighted with a red box.

SECTION 2

1. Grades

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 will automatically be added to your course 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 sidebar, the 'Labster Dashboard' menu item is highlighted with a red box. The main content area shows a list of simulations under the 'Simulations' heading. The 'Assignments' section is currently empty, displaying 'No assignments'.

Simulation Title	Points
Acids and Bases: Acidity and alkalinity in everyday substances	100 pts
Enzyme Kinetics	100 pts
Matter and Phase Changes: Distil ethanol	100 pts
Microscopy	100 pts