

**i>clicker *Integrate* for
Canvas v2.3**

Instructor Guide

August 2016

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Overview

This guide provides instructions for integrating your i>clicker 7 polling data with the Canvas gradebook. The i>clicker integration with Canvas:

- Enables students to register their i>clicker remotes directly within your LMS.
- Allows you to easily download your class roster and student registrations from your LMS into your i>clicker gradebook.
- Allows you to easily upload your i>clicker session data into your LMS gradebook.

The i>clicker integration with Canvas requires some set up and authentication work from your LMS administrator prior to your use of the integration within i>clicker 7. Please consult your LMS administrator for a pre-packaged i>clicker software folder which contains the necessary integration files. Alternatively, your administrator may provide a single file for you to place inside your i>clicker 7 folder. See the instructions below for what to do with that file.

Guide Objectives

This guide will show you how to:

- Copy the required LMS integration file into your **i>clicker 7** folder (if necessary).
- Specify your LMS version within i>clicker so your polling data correctly uploads into Canvas.
- Direct students to register their i>clicker remotes within your LMS.
- Download your LMS student roster and registrations into the i>clicker gradebook.
- Upload your i>clicker session data to your LMS gradebook.

Step 1: Prepare your i>clicker 7 Folder



TIP: Your administrator *may* have provided you with pre-configured i>clicker 7 folder (for Windows, Macintosh, or Linux Ubuntu) customized for your campus. In that case, you won't need to copy the integration file into your course folder because this step has already been done for you.

You should have received the following authenticated file from your campus administrator:
LMS_Wizard.xml.

Copy this file into the **Resources** sub-folder of your **i>clicker 7** folder.

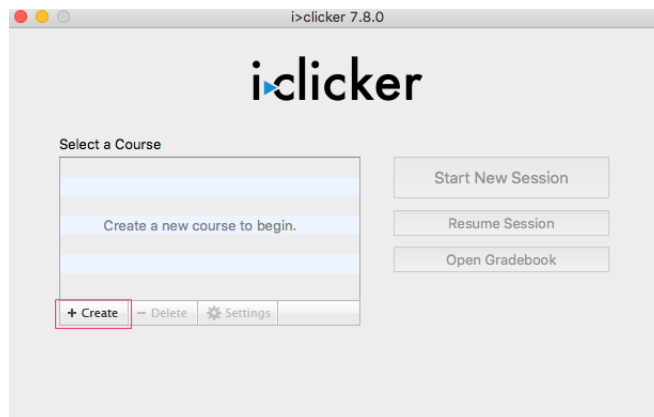
NOTE: for integration with Canvas, you need to be using i>clicker v7.0.1 or higher. **These instructions are written for i>clicker 7.8 or higher.**

Step 2: Configure your i>clicker Software

When you copy the integration file into your i>clicker 7 Resources folder, the software will recognize you are using Canvas as your LMS. You must match each Canvas course to each i>clicker course (for the courses in which you plan to use the integration).

To specify your LMS platform in i>clicker:

1. Double-click the **i>clicker** icon within your **i>clicker 7** folder to start the i>clicker application.
2. When you open i>clicker, you will see the *Welcome Screen* with no courses listed. Click the **+ Create** button to add your course.

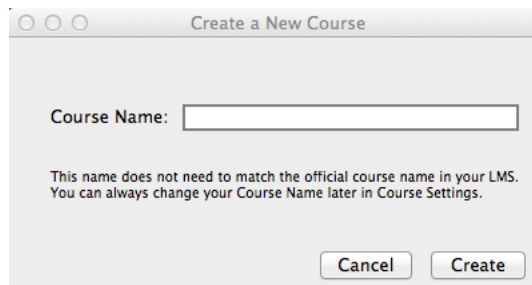


i>clicker 7 Welcome window



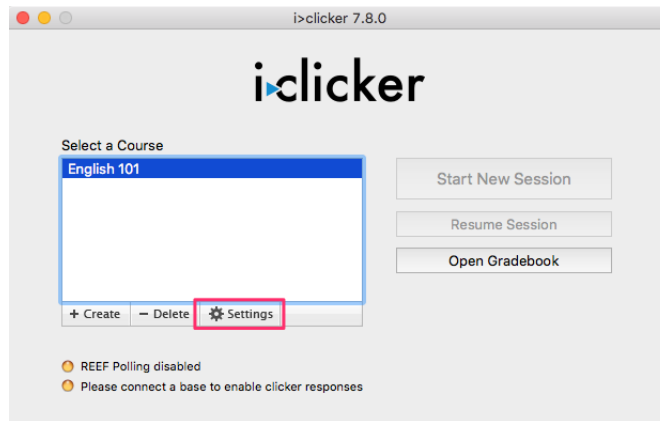
NOTE: If you already see your course in the course list, go to step 5.

3. The *Create New Course* window appears. Enter your **Course Name**. This information will serve as the unique identifier for your course.



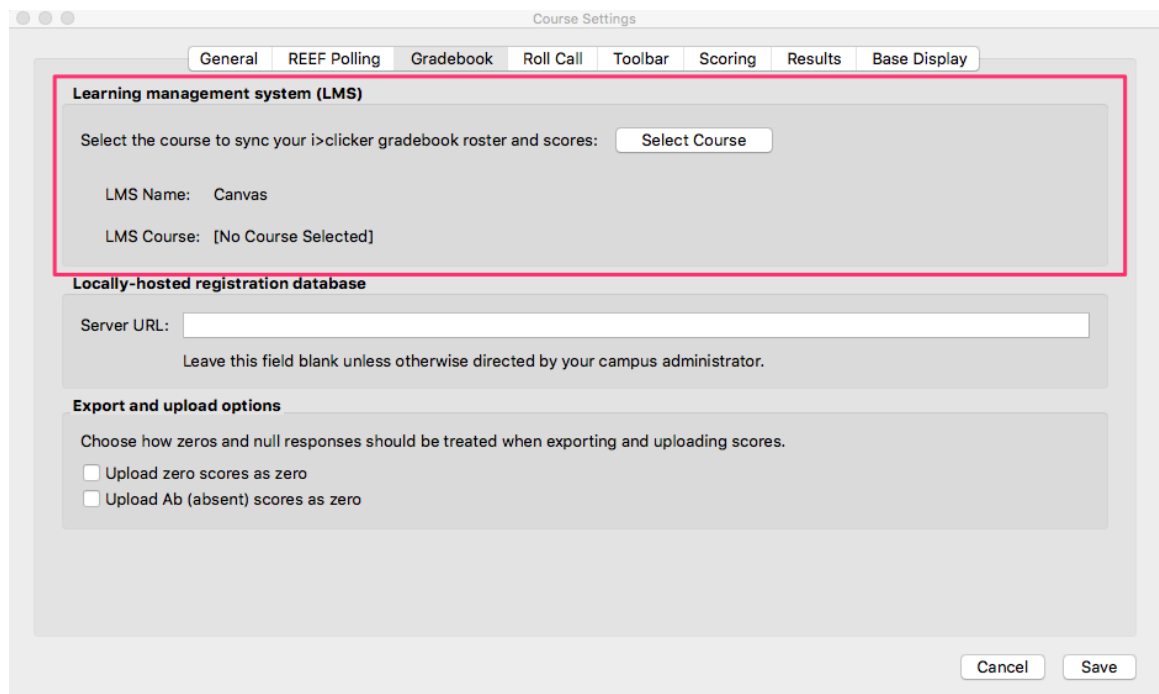
i>clicker New Course window

4. Click the **Create** button. i>clicker automatically creates a new course folder in your i>clicker 7 **Classes** folder. The *New Course* window closes and you are returned to the *Welcome Screen* with your course name in the list of courses.
5. Select your course name from the course list and click **Settings**.



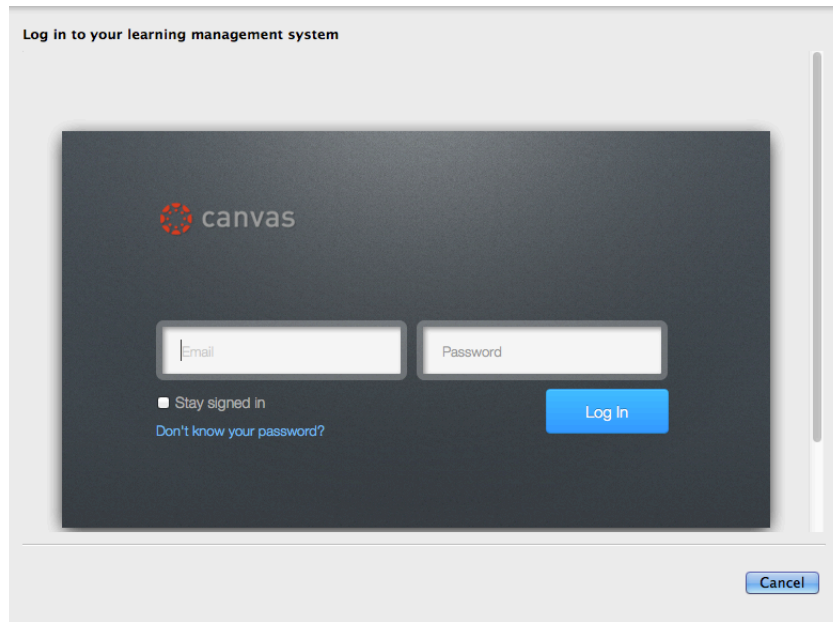
Select course settings

6. Click the **Gradebook** tab near the top of the settings window.
7. In the **Learning management system (LMS)** section, Canvas should be pre-selected.



Gradebook tab of the i>clicker Settings window

8. Click the **Select Course** button in the **Learning management system (LMS)** section.
9. The instructions for **Log in to your Learning Management System** are displayed.

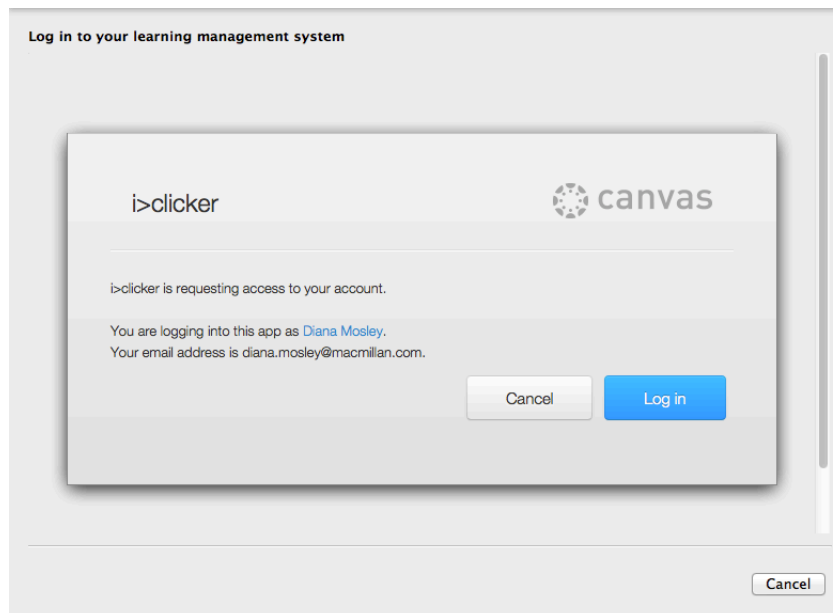


Log in to Canvas

10. Enter your Canvas username and password and click Login. (These are the credentials you use to log into your version of Canvas, which may look different than the image shown.)

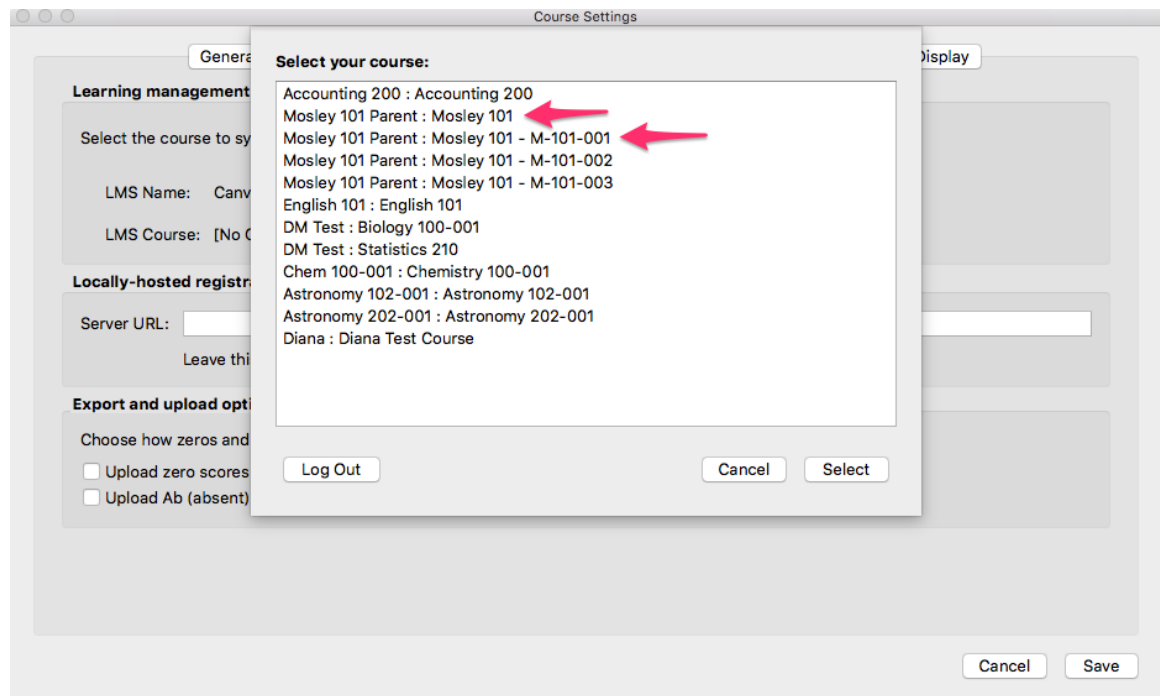
NOTE: if your administrator has allowed your school's instructors to save login credentials, you will see the "Save my credentials and automatically log me in to my LMS" checkbox option. This box is checked by default. If you do NOT wish to save your credentials, uncheck this box before clicking Log In.

11. You will be asked if you would like to share your account with i>clicker, as shown below. To continue, click "Log in".



Log in to Canvas continued

12. Your list of Canvas courses should be shown. Select your Canvas course and click **Select**.



Select your Canvas course

NOTE: you will see a list of courses in which you are enrolled as a teacher. Both parent courses and course sections will be listed (for courses and sections in which you are enrolled as a teacher). If you choose the course section, the student roster for only that section will be downloaded into the i>clicker gradebook. If you are unsure which course to choose, please consult your campus administrator.

13. Click **Save**.

Optional Settings

If you would like to change the way zeros and absences are uploaded to Canvas, you can change the **Export and upload settings** in the i>clicker settings gradebook tab. Without changing these settings, scores of zero and absences are uploaded as – (dash) to Canvas.

Course Settings

General REEF Polling Gradebook Roll Call Toolbar Scoring Results Base Display

Learning management system (LMS)

Select the course to sync your i>clicker gradebook roster and scores:

LMS Name: Canvas

LMS Course: Mosley 101 Parent : Mosley 101 - M-101-001

Locally-hosted registration database

Server URL:

Leave this field blank unless otherwise directed by your campus administrator.

Export and upload options

Choose how zeros and null responses should be treated when exporting and uploading scores.

☐ Upload zero scores as zero

☐ Upload Ab (absent) scores as zero

Export and upload options


There are two options available:

1. **Upload zero scores as zero.** When this option is selected, students who receive a score of 0 (meaning, they have no participation or performance points in i>clicker but did vote in class), will show as a numeric value of 0 in Canvas (rather than -).
2. **Upload Ab (absences) as zero.** When this option is selected, students who are absent (and show as Ab in i>clicker gradebook), will show as having a numeric value of 0 in Canvas (rather than -).

You can choose to select both options. If you select both zero and Ab to upload as numeric 0 in Canvas, scores of zero and Absences will both show as numeric 0 in Canvas (rather than -) when scores are uploaded from i>clicker gradebook to Canvas.

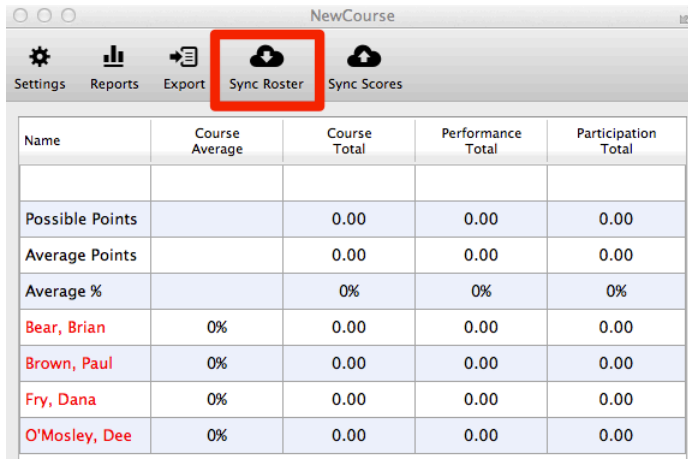
Step 3: Synchronize Your Roster

Once your students have registered their i>clicker remotes within your LMS and you have run at least one polling session in class, you can import your student roster (complete with registration data) into i>clicker so polling data can be credited to your students.

 **NOTE:** For Student i>clicker remote instructions, please see Appendix A.

To import your LMS class roster into i>clicker:

1. Open i>clicker 7 and click on Gradebook.
2. Click the **Sync Roster** icon.




The screenshot shows the NewCourse i>clicker 7 interface. At the top, there is a navigation bar with icons for Settings, Reports, Export, Sync Roster, and Sync Scores. The 'Sync Roster' icon, which depicts a cloud with a downward arrow, is highlighted with a red rectangular box. Below the navigation bar is a table with the following columns: Name, Course Average, Course Total, Performance Total, and Participation Total. The table contains several rows, including summary rows for 'Possible Points', 'Average Points', and 'Average %', as well as individual student rows for 'Bear, Brian', 'Brown, Paul', 'Fry, Dana', and 'O'Mosley, Dee'. All numerical values in the table are 0.00 or 0%.

Name	Course Average	Course Total	Performance Total	Participation Total
Possible Points		0.00	0.00	0.00
Average Points		0.00	0.00	0.00
Average %		0%	0%	0%
Bear, Brian	0%	0.00	0.00	0.00
Brown, Paul	0%	0.00	0.00	0.00
Fry, Dana	0%	0.00	0.00	0.00
O'Mosley, Dee	0%	0.00	0.00	0.00

Sync Roster in i>clicker 7 gradebook

3. Your Canvas roster will be downloaded, and you will receive a message that your roster downloaded successfully.

 **TIP:** It is recommended that you Sync Roster again after drop/add periods are over in order to keep your roster up-to-date.

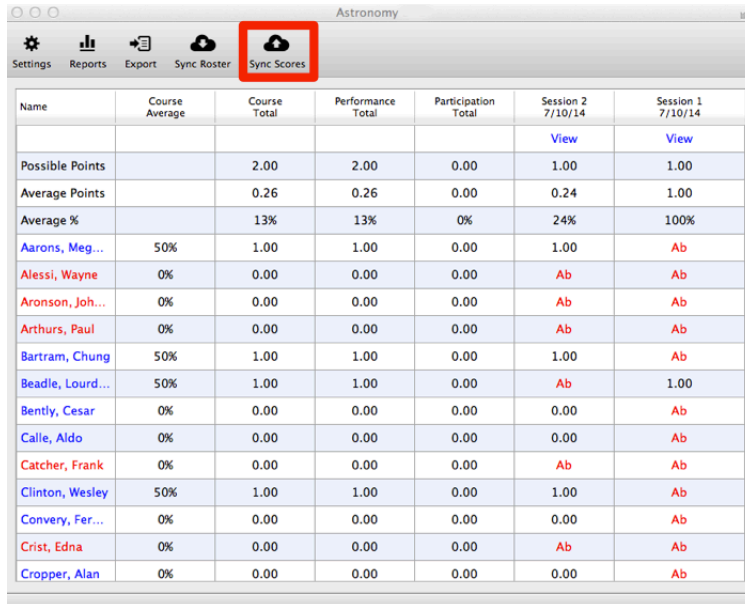
 **NOTE:** If your Canvas credentials were not saved during course setup in i>clicker, you will need to enter your credentials.

Step 4: Upload i>clicker Scores to Canvas

After you've polled your students in class, your polling data will appear in the i>clicker gradebook. You can view students' points, adjust scores, delete questions, synchronize registrations and export/upload student i>clicker scores into your Canvas gradebook.

To upload i>clicker scores into your Canvas gradebook:

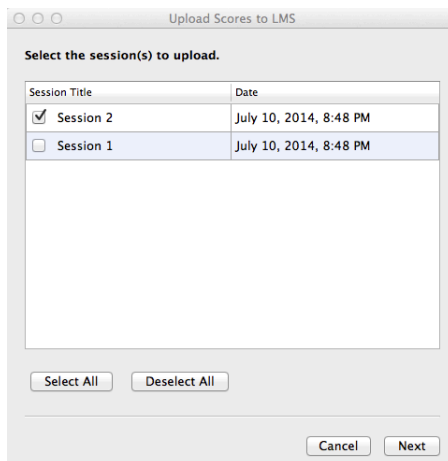
1. Launch i>clicker, select your course and click **Open Gradebook**.
2. From the Gradebook main window, select **Sync Scores**.



Name	Course Average	Course Total	Performance Total	Participation Total	Session 2 7/10/14	Session 1 7/10/14
					View	View
Possible Points		2.00	2.00	0.00	1.00	1.00
Average Points		0.26	0.26	0.00	0.24	1.00
Average %		13%	13%	0%	24%	100%
Aarons, Meg...	50%	1.00	1.00	0.00	1.00	Ab
Alessi, Wayne	0%	0.00	0.00	0.00	Ab	Ab
Aronson, Joh...	0%	0.00	0.00	0.00	Ab	Ab
Arthurs, Paul	0%	0.00	0.00	0.00	Ab	Ab
Bartram, Chung	50%	1.00	1.00	0.00	1.00	Ab
Beadle, Lour...	50%	1.00	1.00	0.00	Ab	1.00
Bently, Cesar	0%	0.00	0.00	0.00	0.00	Ab
Calle, Aldo	0%	0.00	0.00	0.00	0.00	Ab
Catcher, Frank	0%	0.00	0.00	0.00	Ab	Ab
Clinton, Wesley	50%	1.00	1.00	0.00	1.00	Ab
Convery, Fer...	0%	0.00	0.00	0.00	0.00	Ab
Crist, Edna	0%	0.00	0.00	0.00	Ab	Ab
Cropper, Alan	0%	0.00	0.00	0.00	0.00	Ab

Gradebook main window

3. The *Upload Scores to LMS* to select sessions window appears. Select the session(s) you wish to upload and click **Next**.



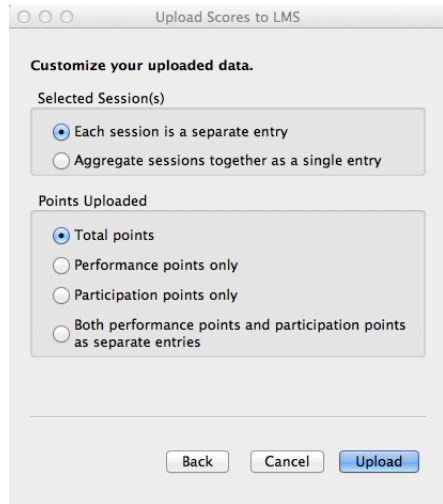
Select the session(s) to upload.

Session Title	Date
<input checked="" type="checkbox"/> Session 2	July 10, 2014, 8:48 PM
<input type="checkbox"/> Session 1	July 10, 2014, 8:48 PM

Upload Scores to LMS Select Session window

4. The *Upload Scores to LMS customize data* window appears. From this window you can choose to:
 - Upload each session as a separate entry
 - Aggregate sessions together as a single entry


- Upload total points
- Upload performance points only
- Upload participation points only
- Upload both performance points and participation points as separate entries




The screenshot shows a window titled "Upload Scores to LMS". Inside, there's a section "Customize your uploaded data." with two sub-sections. The first, "Selected Session(s)", has two radio buttons: "Each session is a separate entry" (which is selected) and "Aggregate sessions together as a single entry". The second, "Points Uploaded", has four radio buttons: "Total points" (selected), "Performance points only", "Participation points only", and "Both performance points and participation points as separate entries". At the bottom are three buttons: "Back", "Cancel", and "Upload".

Upload Scores to LMS customize data window

5. Make your selections and click **Upload**.
6. Your data will be uploaded to Canvas, and you will receive a confirmation message.

 **NOTE:** If your Canvas credentials were not saved during course setup in i>clicker, you will need to enter your credentials.

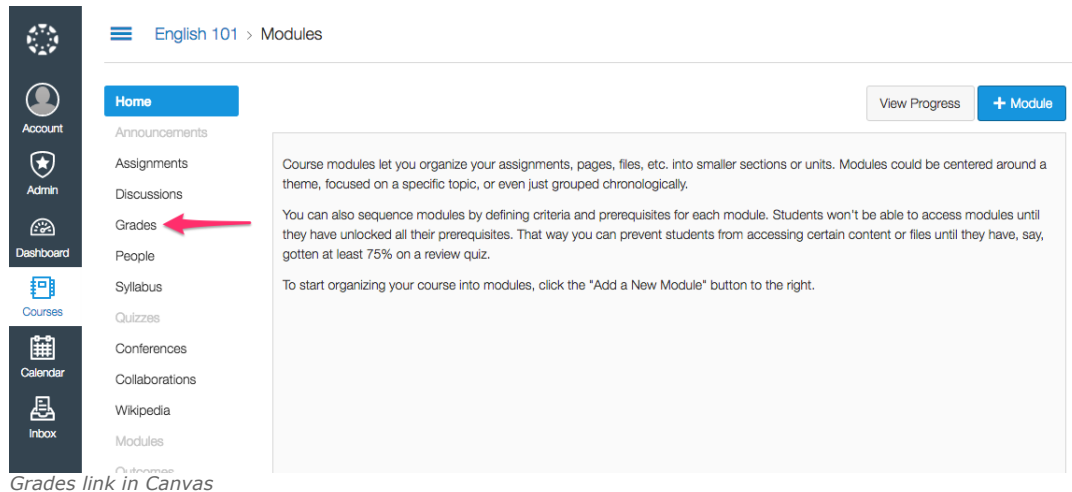
 **NOTE:** You will be able to edit individual student i>clicker scores within the Grades section of Canvas after you've uploaded the data. If your admin has allowed you to upload zero value grades as a numeric zero (and you have not changed the upload and export zeros settings in gradebook settings tab), you will see students who received no points as "0" rather than "-" in the Canvas gradebook.

Step 5: Review i>clicker Scores in Canvas

Once you have uploaded your i>clicker polling data to your Canvas course, you can review the scores within the LMS.

To view uploaded i>clicker scores in your Canvas Gradebook:

1. Log in to Canvas and select the course for which you wish to view your updated gradebook.
2. Once on your *Course Home* page, click the **Grades** link in the left navigation area.



Grades link in Canvas

3. The **Grades** page will open with your newly imported i>clicker scores. The session scores will appear as numeric scores in may be edited like any other scores within Canvas.

Appendix A: Student i>clicker Remote Registration

Students can register their remotes within Canvas by:

1. Log into Canvas and select your course.
2. Click the i>clicker link on the left navigation pane.
3. Click i>clicker registration.

i>clicker Student Registration

Please use Chrome browser for the best registration experience.

Enter your 8-character i>clicker remote ID and other information below...

Remote ID:

E-Mail:

Country:

i>clicker ID	Country	Date Registered	
86A3D8FD	United States	Jun-17-2016	Remove
852B0FA1	United States	Aug-01-2016	Remove

i>clicker Student Registration FAQ

▼ [Where do I find my remote ID?](#)

Your i>clicker remote ID is printed on a sticker located on the back of your remote. The ID is the 8-character code below the barcode. Newer original i>clicker remotes have a secondary ID location behind the battery compartment and i>clicker 2 remotes display the ID upon power up. The remote ID will only contain letters A-F and numbers 0-9.

► [What do I do if my registration fails in Safari?](#)

► [What do I do if I cannot read the ID printed on my remote?](#)

► [Why do I get an "Invalid Remote ID" error when I try to register my remote?](#)

► [I've lost/broken my remote. Can I register another remote?](#)

► [If I register remote in my LMS, does that automatically mean I can use it in all my classes?](#)

Student i>clicker registration page in Canvas

4. Enter your i>clicker remote ID and click "Register".