

# **i>clicker v7.4+ Gradebook Integration: Moodle**

## **Instructor Guide**

July 2015

## Table of Contents

Overview .....	3
Step 1: Prepare a Configured Version of i>clicker .....	4
Step 2: Configure your i>clicker Software .....	5
Step 3: Enable Student Registration in Moodle .....	9
Step 4: Synchronize Your Roster .....	12
Step 5: Upload Your i>clicker Polling Data .....	13
Step 6: Review i>clicker Scores in Moodle .....	15

## Overview

The i>clicker Moodle plug-in allows a seamless integration of data between your learning management system (LMS) and i>clicker's integrated gradebook. Communication with the Moodle plug-in:

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


Integration with the Moodle plug-in requires some set up and authentication work from your LMS administrator prior to your use of the application. By the time you are reading this guide, your LMS administrator has likely already:

- Added a link in your LMS that your students can use to register their i>clicker remotes.
- Provided you with custom version of i>clicker v7 that is pre-configured to communicate with your Moodle plug-in.

## Guide Objectives

This guide will show you how to:

- Specify your LMS version within i>clicker so your polling data correctly uploads into your gradebook.
- Direct students to register their i>clicker remotes within your LMS.
- Download your LMS student roster and registrations into the i>clicker v7 gradebook.
- Upload your i>clicker session data to your Moodle gradebook.

 **NOTE:** This guide is written specifically for i>clicker v7. If you are using an older version of i>clicker, you should refer to the guide for i>clicker v6 as the steps are significantly different.

## System Requirements

### Windows:

- Windows 7, Windows 8 or higher
- Screen resolution of 1024 x 640

### Macintosh:

- Mac OS X version 10.7.5 or higher
- Screen resolution of 1024 x 640

## Step 1: Prepare a Configured Version of i>clicker

Your administrator *may* provide you with a copy of i>clicker 7 pre-configured for your campus Moodle. If this is the case, you only need to be sure to download this customized version of i>clicker as your administration has already copied over the necessary file to the proper location.

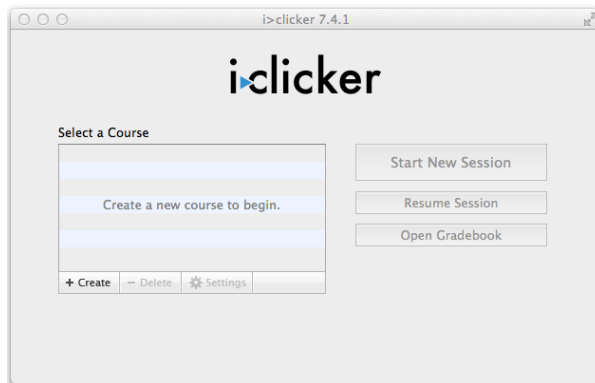
Alternatively, your admin may just distribute the xml configuration file for you to download. In this case, you will need to download and place the *LMS\_Wizard.xml* file into the **Resources** sub-folder of your i>clicker v7 application folder.

## Step 2: Configure your i>clicker Software


When the integration file is detected in the i>clicker 7 **Resources** folder, the software automatically recognizes that you are using Moodle as your LMS. You will need to map your i>clicker course to the corresponding course in Moodle.

### To specify your Moodle course 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*

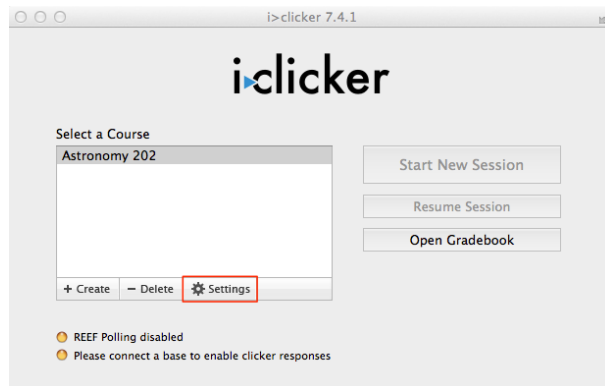
 **NOTE:** If you already see your course in the course list, go to step 5.

3. The *Create New Course* window appears. Enter your **Course Name**. This information will serve as the unique identifier for your course but does not need to match the Moodle class name.



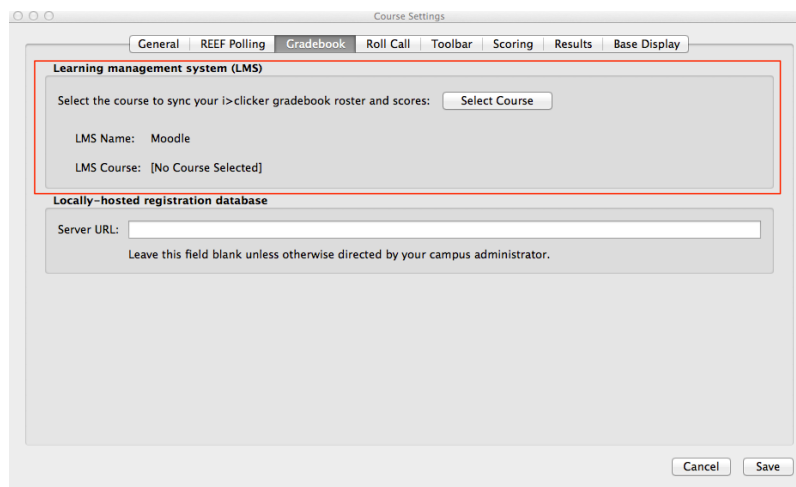
*i>clicker New Course window*

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**.



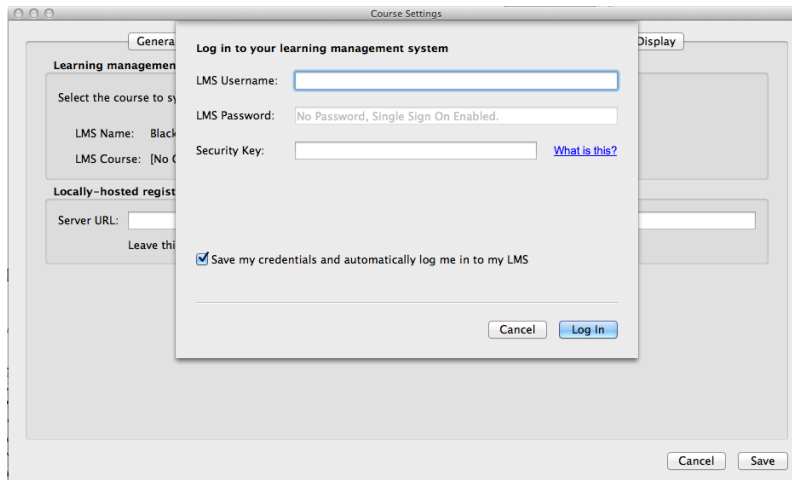
**Settings** button on the i>clicker 7 Home window

6. Click the **Gradebook** tab near the top of the new window.
7. In the **Learning management system (LMS)** section, Moodle (or a custom label specified by your Admin) should appear for the LMS Name.



**Gradebook** tab of the i>clicker Course Settings window

9. Click the **Select Course** button in the **Learning management system (LMS)** section.
10. Enter your Moodle account credentials and log in. Depending on your LMS set-up, you may need to provide your password or a security key.

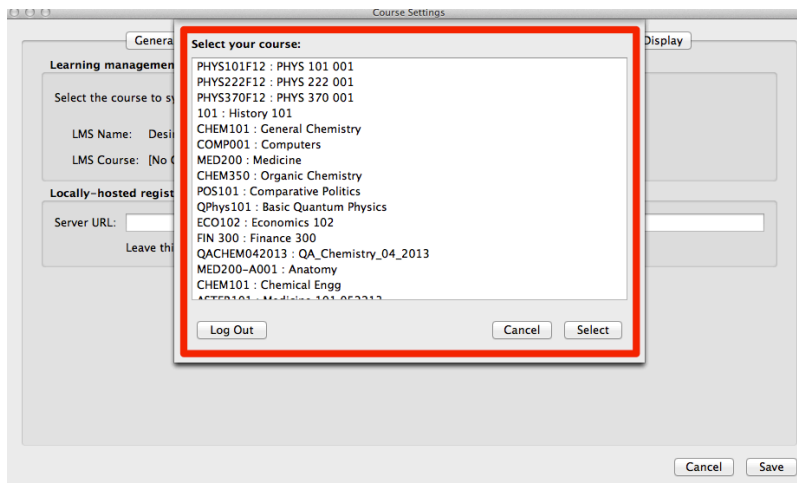


Log in to your LMS

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

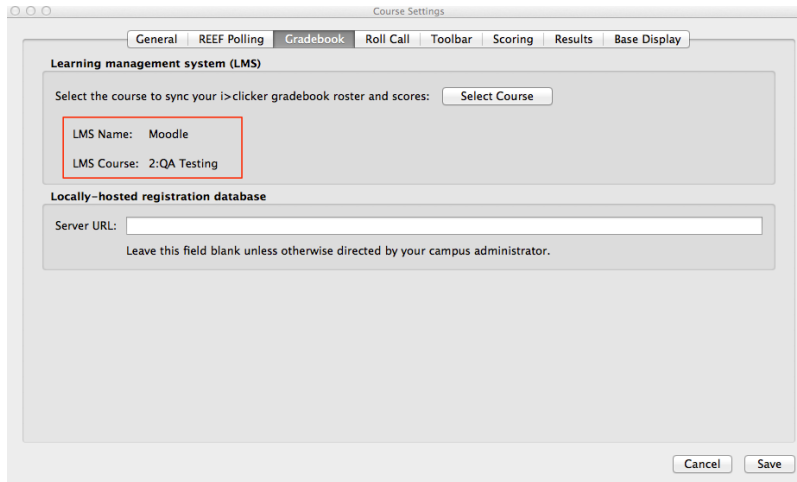
- Upon logging in, a list of your Moodle courses is returned. Select the course that maps to the i>clicker course and click **Select**.

**NOTE:** If you choose to **Log Out** from this window, you will need to log back in when downloading your roster from Moodle or uploading i>clicker grades to Moodle.



Select your LMS course

- The selected Moodle course appears next to **LMS Course**. Click **Save** to close the *Course Settings* window.



LMS Course is shown inside i>clicker settings



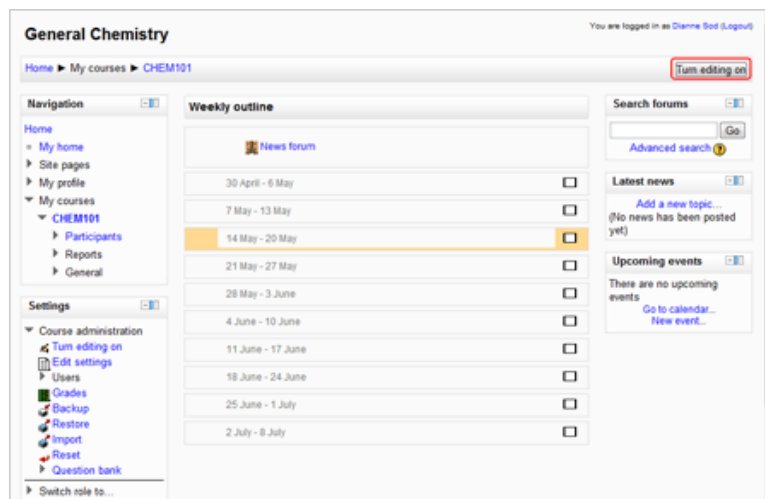
### Step 3: Enable Student Registration in Moodle

To receive credit for their i>clicker responses, students must register their i>clicker remotes (i.e., tie their clicker ID to their student ID). Registered i>clicker remote IDs are automatically associated with student names in your Moodle gradebook and in the i>clicker gradebook.

#### To enable i>clicker registration in Moodle:

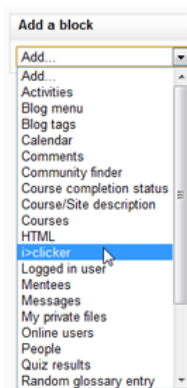
**NOTE:** If i>clicker is widely used on your campus your Moodle administrator may have enabled the i>clicker registration link in all courses (so you don't have to enable the link at all). Check with your Moodle administrator for details.

1. Log into Moodle and select the course to which you want to enable i>clicker registration.
2. On your *Course Home Page*, click the **Turn editing on** button in the top navigation bar of the page.



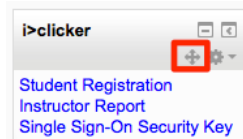
The Moodle Home page

3. A new *Add a Block* block appears with a drop-down menu control. Select **i>clicker** from the menu.



Selecting the i>clicker block from the drop-down menu

4. The i>clicker block instantly appears on the page.



The i>clicker block with **Move** control highlighted



**TIP:** Use the **Move** control to position the block to where you want it on the page.

5. Click the **Turn editing off** button when you are satisfied. Your course is now set up and ready for students to register their i>clicker remotes. Use the following directions to instruct your students to register.

### Directions for STUDENTS to register their i>clicker remotes in Moodle:

1. Log into Moodle and select your course.
2. Find the i>clicker block and click the **Student Registration** link.



i>clicker link in the Moodle left navigation list

3. From the i>clicker Registration page, enter your i>clicker remote ID (8-character code) and click the **Register** button.



Moodle i>clicker Student Registration page

4. Your remote is now registered. You can view or remove your registrations from Moodle at any time from this page.

### Other relevant facts for students about registration:

- Even if students are using i>clicker for more than one course, they only need to register in one course and their registration data will automatically be applied to all of their other Moodle courses using i>clicker.
- Students can share clickers with a friend/roommate as long as they are not using i>clicker in the same courses.

- Students can register more than one clicker in Moodle. If, for example, students break or lose a clicker, they can register additional clickers through the same tool and all of their registered clickers (and their votes) will be tied to their Moodle ID.
- If students are using REEF Polling (and you have REEF Polling enabled for your course), they must add their student ID as it appears in your Moodle roster to their REEF Polling account.

## Step 4: Synchronize Your Roster

Once your students have registered their i>clicker remotes within your LMS, you can import your student roster (complete with registration data) into i>clicker so polling data can be credited to your students.

### To import your Moodle class roster into i>clicker:

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

Name	Course Average	Course Total	Performance Total	Participation Total	Session 2 7/10/14	Session 1 7/10/14
					<a href="#">View</a>	<a href="#">View</a>
Possible Points		2.00	2.00	0.00	1.00	1.00
Average Points		0.03	0.03	0.00	0.00	1.00
Average %		1%	1%	0%	0%	100%
#287DE5B0	0%	0.00	0.00	0.00	0.00	Ab
#287DE6B3	0%	0.00	0.00	0.00	0.00	Ab
#287DE7B2	0%	0.00	0.00	0.00	0.00	Ab

Sync Roster in i>clicker 7 gradebook

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

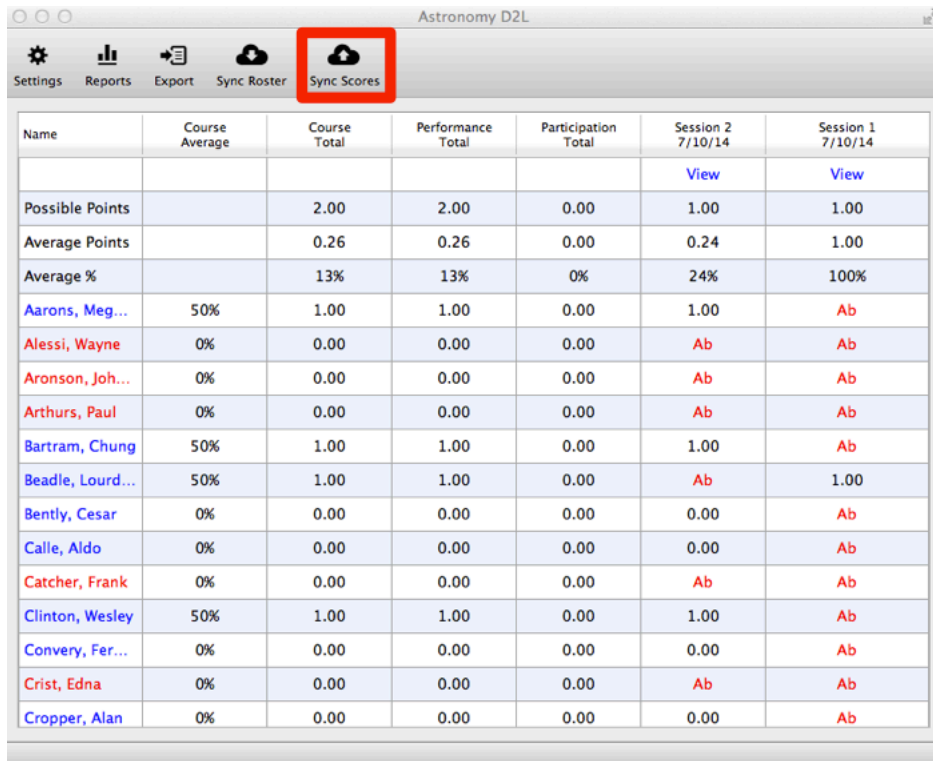
 **TIP:** It is recommended that you **Sync Roster** after drop/add periods are over in order to keep your roster up-to-date.

## Step 5: Upload Your i>clicker Polling Data

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 polling data into your LMS gradebook.

### To upload i>clicker scores into your Moodle 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
					<a href="#">View</a>	<a href="#">View</a>
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, Lourd...	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. From the *Upload Scores to LMS* window, select the session(s) you wish to upload and click **Next**.

Upload Scores to LMS

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

Select All Deselect All

Cancel Next

Upload Scores to LMS, step 1

- Specify session data details then click the **Upload** button.

Upload Scores to LMS

Customize your uploaded data.

Selected Session(s)

Each session is a separate entry

Aggregate sessions together as a single entry

Points Uploaded

Total points

Performance points only

Participation points only

Both performance points and participation points as separate entries

Back Cancel Upload

Upload Scores to LMS, step 2

- Make your selections and click **Upload**.
- A confirmation message appears once your data is uploaded.



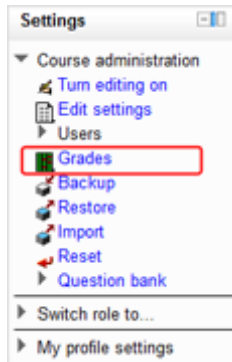
**NOTE:** If your LMS credentials were not saved during course setup in i>clicker, you will need to enter your credentials.

## Step 6: Review i>clicker Scores in Moodle

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

**To view uploaded i>clicker scores in your Moodle Gradebook:**

1. Log in to Moodle and select the course for which you wish to view your updated gradebook.
2. Click on **Grades** in the *Settings* block under *Course administration*.



Moodle **Grades** link in the **Settings** block

3. The **Grader report** page will open with your newly imported i>clicker scores. The session scores will appear as numeric scores under the category name *iclicker polling scores* and may be edited like any other scores within Moodle.

The screenshot shows the Moodle 'Grader report' page for 'General Chemistry'. The page displays a table of student scores. A red box highlights the 'iclicker polling scores' section of the table, which includes columns for '5/4/12', '5/14/12', and '5/15/12'. The overall average score is 23.3.

Surname	First name	Email address	Quiz 1	Quiz 2	iclicker polling scores		
					5/4/12	5/14/12	5/15/12
Sheri	Catalano	catalano@myschool.com	25.0		2.0	1.0	1.0
Margaret	Conner	connerm@myschool.com	22.0		2.0	1.0	1.0
Glenn	Rainey	raineyg@myschool.com	23.0		2.0	1.0	-
Jeffery	Yun	yun@myschool.com	23.0		2.0	1.0	1.0
Overall average			23.3		2.0	1.0	1.0

Imported i>clicker scores