

LMS administrators' guide for creating assignments with Zosimos in Blackboard

These instructions are for LMS administrators who use Blackboard as their LMS and handle the LTI tool registrations at their school.

Add Zosimos as an external tool

1. Contact zosimos-support@chemaxon.com to obtain the Client ID required for the registration.
2. On the *System Admin (Administrator) Panel*, select *LTI Tool Providers*.
3. Select *Register LTI 1.3 /AdvantageTool*.
4. In the Client ID field, enter the ID of the application that you have received from Zosimos.
5. Select *Submit*.
6. You're brought to a page that displays the application's configuration settings from the Developer Portal. These values are read-only and can't be changed within Blackboard Learn.
7. In the "Institution policies" section select the following user fields to send: "Role in Course"; "Name" and "Email Address".

INSTITUTION POLICIES

You can change the following settings for this tool. The fields use global values by default.

User Fields to Send

- Role in Course
- Name
- Email Address

Allow grade service access

- Yes No

Allow Membership Service Access

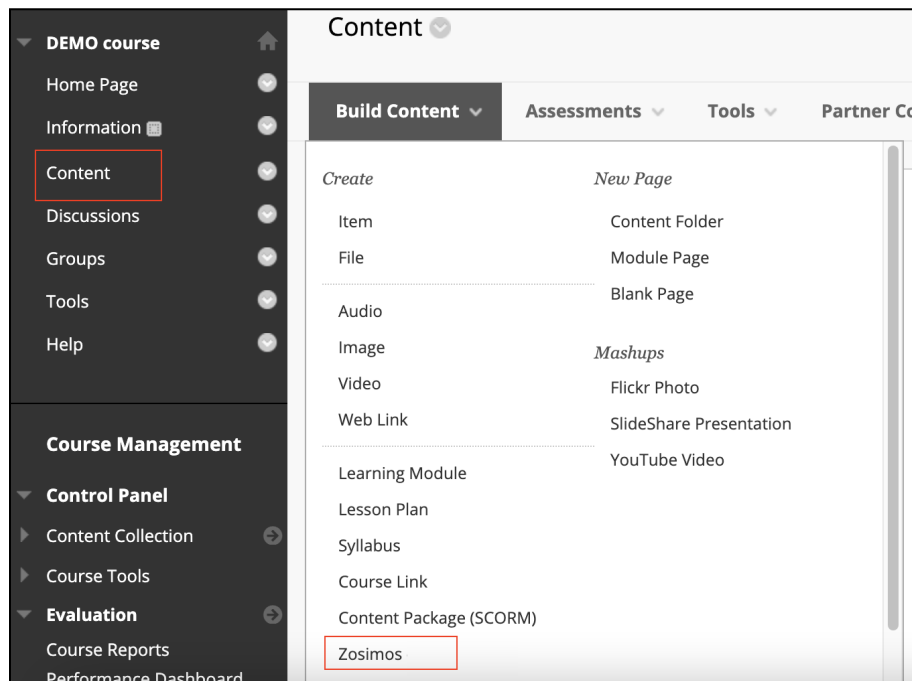
- Yes No
-

8. Select Submit to register the tool.
9. Be sure to allow the use of LTI tools in the following places:
<https://docs.blackboard.com/lti/turn-on-all-switches>

Test the integration of Zosimos

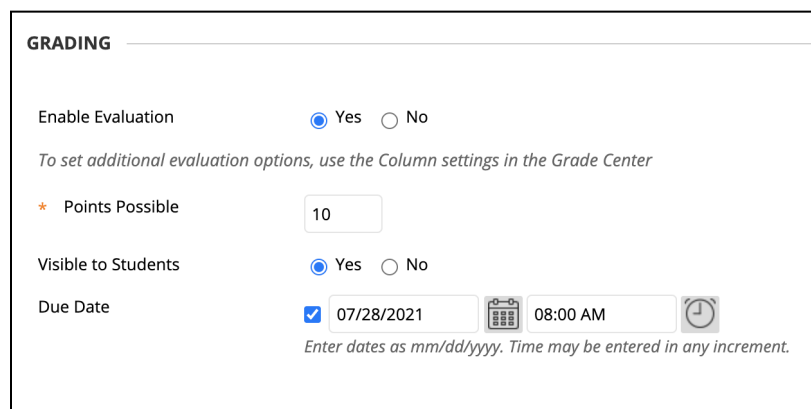
Log in as an administrator and create a test course where you enable LTI tools (see step 7 above). Add a student and a teacher user to this course.

Log in as a teacher and go to your course, click the 'Content' tab, and select 'Zosimos' from the 'Build Content' menu.



Name the assignment (for example, 'Test')

Enable the Evaluation and set the 'Points' field to a non-zero value (Blackboard will scale the result from Zosimos based on this value. For example, a result of 75% in Zosimos would count as 7.5 points from 10 in Blackboard)

A screenshot of the 'GRADING' settings form in Blackboard. The form includes the following fields:

- Enable Evaluation:** Radio buttons for 'Yes' (selected) and 'No'.
- To set additional evaluation options, use the Column settings in the Grade Center*
- * Points Possible:** Text input field containing '10'.
- Visible to Students:** Radio buttons for 'Yes' (selected) and 'No'.
- Due Date:** A checked checkbox, a date input field with '07/28/2021', a time input field with '08:00 AM', and a clock icon.

At the bottom, there is a note: 'Enter dates as mm/dd/yyyy. Time may be entered in any increment.'

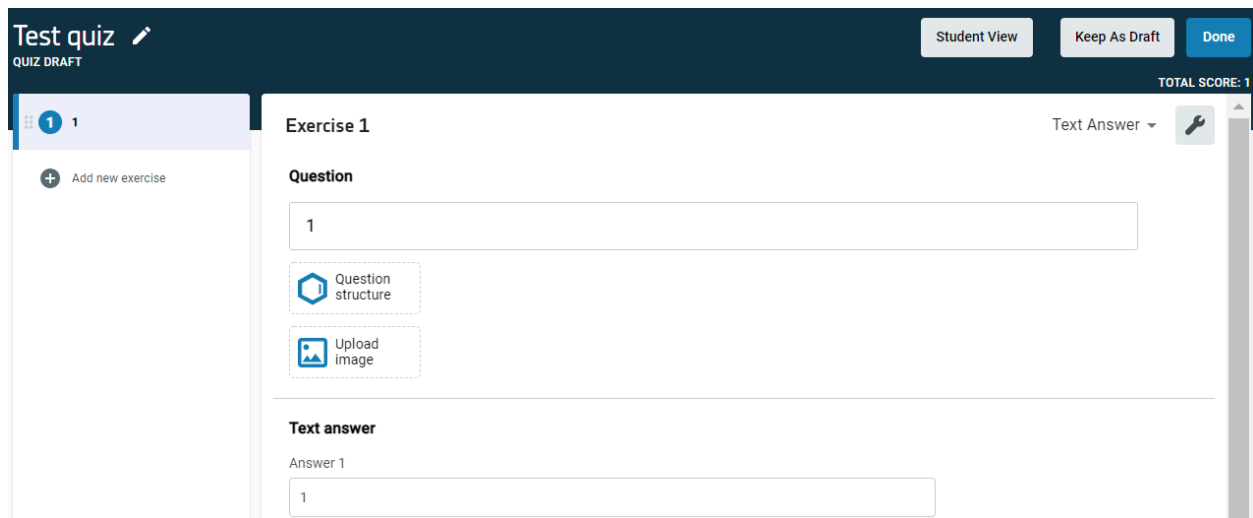
Click the *Submit* button.

Click on the assignment you created in Blackboard and load the assignment in a new window.

Accept the **Terms and Conditions** and then the Zosimos landing page should appear. Click on **New Quiz** in the top right corner and create a test quiz by following the steps below:

1. Change the quiz title to “Test quiz”
2. Type “1” in the question box
3. Select **Text answer** as the answer type
4. Type “1” as the correct answer

The created exercise should look like this:



The screenshot shows the Blackboard quiz creation interface. At the top, the title is "Test quiz" and it is in "QUIZ DRAFT" mode. There are three buttons in the top right: "Student View", "Keep As Draft", and "Done". The total score is shown as "TOTAL SCORE: 1". The main content area is titled "Exercise 1" and has a "Text Answer" type. The question box contains the text "1". Below the question box are two options: "Question structure" and "Upload image". The "Text answer" section has an "Answer 1" box containing the text "1".

Click **Done** in the top right corner and then **Confirm** to finish the quiz. Your quiz will appear under **My Quizzes** on the course page.

Click **Assign** on the quiz card to set this newly created quiz as the content of your Moodle assignment:



The screenshot shows a Moodle quiz card. The title is "Test quiz" and it is "Created by me". It shows "1 exercise" and has buttons for "Student View" and "Assign".

Click **Assign as a Practice**

Assign quiz as ...

You can assign quizzes as a Practice or as an Assessment.

Assign as a Practice

Multiple attempts to complete. Immediate results.

Assign as an Assessment

One attempt to complete. Results not visible until it is released.

Cancel

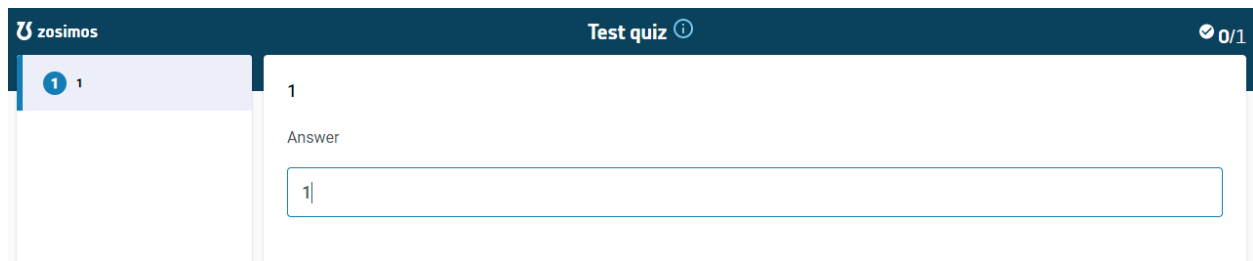
After this action, you will see the **Quiz Results** page that will show the student results later on.

Close the Zosimos tab and return to Blackboard.

Log into the course from the student account.

Open the Test assignment by clicking on its name and then load it in a new window.

Accept the **Terms and Conditions** and then complete the quiz by entering '1' as the answer:



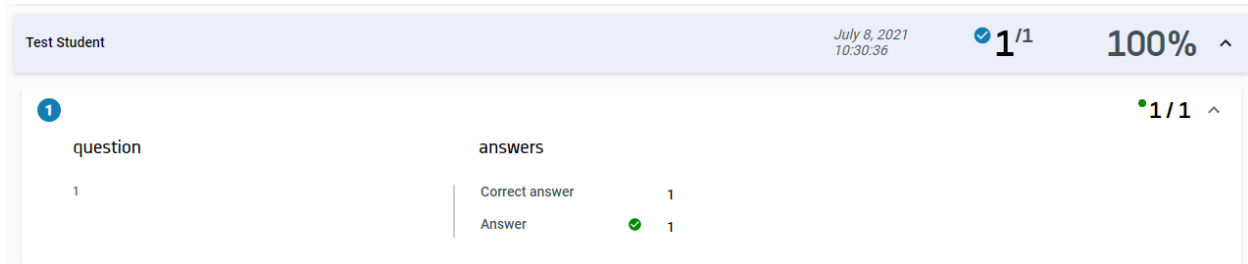
The screenshot shows the Zosimos interface for a test quiz. The top bar is dark blue with the Zosimos logo on the left, the text "Test quiz" in the center, and a score indicator "0/1" on the right. Below the top bar, there is a question area with the number "1" and the word "Answer" below it. A text input field contains the number "1".

Click **Check Answer** to automatically evaluate the response and then **Result Page** to load the results. Close the Zosimos tab.

Check the following to ensure that all functionalities are working :

- In Blackboard, open the course page and go to **Tools/My Grades** or **My Institution/My Grades**. You should be able to see the result of the Test assignment for the Student user.

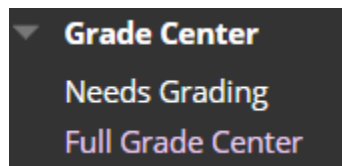
- Click **Content** in Blackboard, then open the Test assignment and load it in a new window. You should be able to see the quiz result of the Student user along with the name of the student who completed the assignment.



The screenshot shows a Blackboard test result interface. At the top, it says "Test Student" on the left, and on the right, it displays the date and time "July 8, 2021 10:30:36", a score of "1/1" with a checkmark, and "100%" with an upward arrow. Below this, there is a question section with a blue circle containing the number "1" and the word "question". To the right of the question is an "answers" section. Under "answers", there are two rows: "Correct answer" with a score of "1" and "Answer" with a green checkmark and a score of "1". In the top right corner of the question area, there is a green dot, the score "1/1", and an upward arrow.

Log into the course from the teacher account.

- In Blackboard, open the course page and go to the **Grade Center**. You should be able to see the result of the Test assignment for the Student user.



- Click **Content** and then open the Test assignment and load it in a new window. You should be able to see the quiz result of the Student user along with the name of the student who completed the assignment.

Please note, that when these steps are performed using Student View, the built-in test student of Blackboard, the grade transfer to Blackboard will not work.

Support

Have a question? You can contact us by emailing zosimos-support@chemaxon.com.