

## Creating Short Answer Questions

With short answer questions, the instructor can ask students to enter their short responses (several words or short sentences) to questions within an answer column. The following figure is an example of a short answer question.

**Question 1 (100 points)**  
What are the components of Instructional System Design Model?

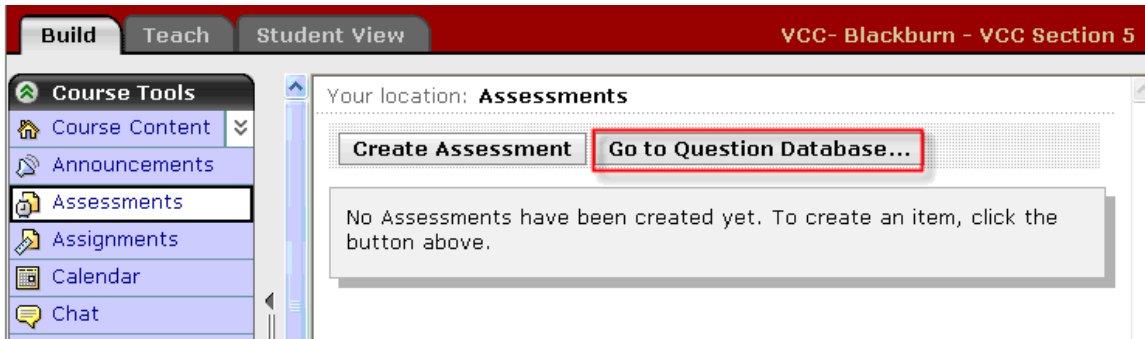
Answer:

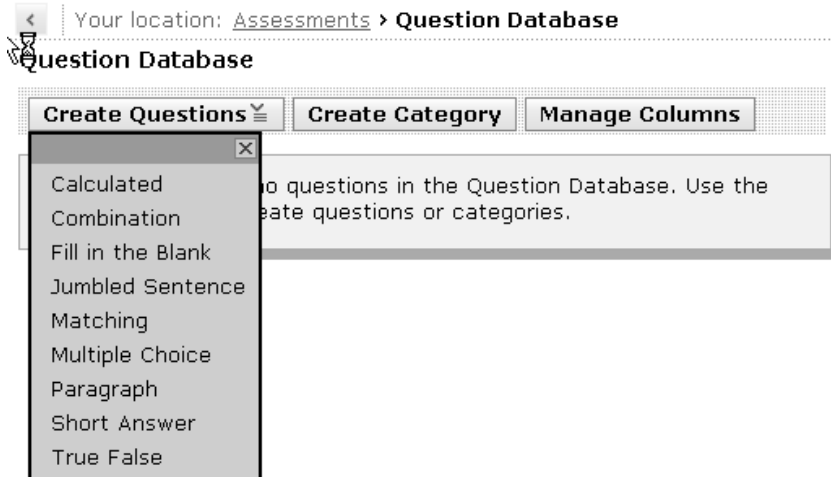
Short answer questions can be used to assess students' conceptual and procedural knowledge in many disciplines.

## Creating Short Answer Questions

Make sure you are on the Build tab and select **Assessments** under Course Tools. Then click **Go To Question Database**.



On the Question Database screen, select **Create Questions** to open the Create Questions drop-down menu and then click **Short Answer**. The Create Short Answer Question screen will appear.



There are several areas that must be filled in when creating this type of question. The following are the descriptions for these areas.

### Title

In the Title textbox, enter a descriptive title for the question. Question titles should be descriptive so you can easily identify questions when searching the Question Database. When students view assessments, question titles may or may not show depending on the assessment settings. Generally, the title is descriptive of the answer; therefore, the title is usually not displayed.

### Create Short Answer Question

Title:

### Question Text

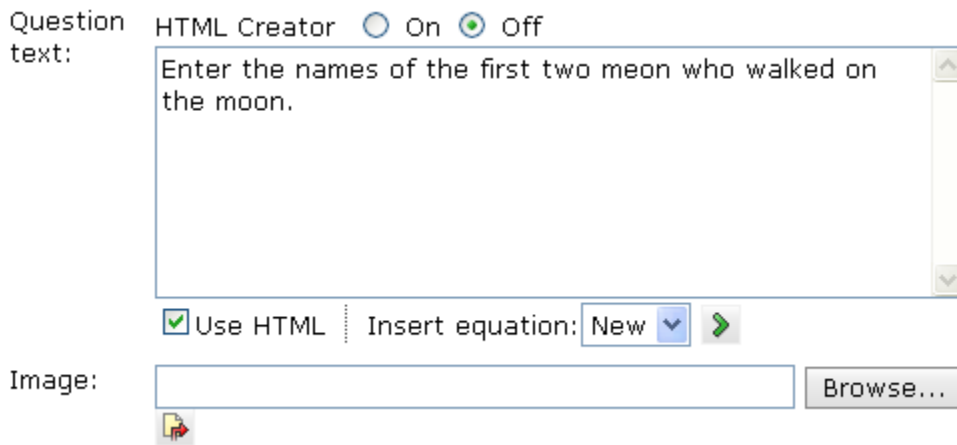
In the Question Text box, enter the question. If you want to use HTML coding but do not know the tags, you can use the HTML Creator by clicking **On**. If you want to use HTML coding, either through the creator or your own coding, make sure the **Use HTML** checkbox is clicked.

You can also insert an equation by using the Equation Editor. The equation will be inserted within the question. In addition, you can also add an image by clicking **Browse** next to Image. The image will be shown below the question text. If the image is not listed under the File Manger area, you will need to upload the image from your local computer first. This can be done in one step by clicking **Browse**.

Question text: HTML Creator  On  Off

Use HTML    Insert equation:

Image:



### Answers

In the Answer section, specify the answers for each answer box.

- Enter the answer in the Answer box. Enter a Value (%) for the particular answer in the Value (%) box.

**Note:** "Value %" refers to what percentage of points assigned to the question will be received if students put the correct answer in the textbox. If there is one answer and when students respond correctly, they will get 100% value. For example, if the question is worth 4 points within the quiz and the answer is 100% of the value, the student will gain 4 points if they select the correct answer or lose 4 points if they enter the wrong answer. If you decide to have multiple answers, you need to make sure the values for all the correct answers equal 100%. If you want each answer to have equal value, select **Correct Answers** for all the answers and eLearning Vista will determine the percentages for each correct answer.

- **Grading Scheme:** Select **Equals**, **Contains** or **Regular Expression** from the drop-down menu for each answer.

- **Equals:** Students must match your answer exactly, which includes spaces and any characters. Therefore, if you enter 2008 and students type 08 as their answer, the answer will be considered incorrect unless you include it as an alternate answer.
- **Contains:** Student answers must contain the letters that you ask for. For example, if you enter "for," eLearning Vista will accept words like "forth," "forward," and "comfort."
- **Regular Expression:** Use PERL coding to evaluate student answers. For example, if you have ".\*" as your answer and select Regular Expression, eLearning Vista will accept any answer to be correct. You can also select this option for prefix/suffix deviation.
- **Allow in answer box:** If the answer has to appear in a particular box, select the appropriate answer box from the **Allow in answer box** drop-down menu. If the order of the answers does not matter, select **All Answers**.
- If you want to add additional answers to the question, select **Create Additional Answers**. The screen will update and you may add more answer boxes.

**Note:** If you are using more than one word, it is often difficult to determine all the combinations of words that students may use. One or two words are suggested if you want eLearning Vista to grade submissions. This method may take you two to five semesters, depending on how many students you have, to gather all the possible answers that you may accept when grading the assessment.

#### Answers

You must enter a value in the Value (%) text boxes and select a grading scheme from the Grading scheme drop-down lists. When entering values, at least one combination of answer values must add up to 100%.

	Answer text	Value (%)	Grading scheme	Allow in answer box
1.	Armstrong	50	Equals	All Answers
2.	Aldrin	50	Equals	All Answers
3.		0	Equals	All Answers
4.		0	Equals	All Answers
5.		0	Equals	All Answers

Create Additional Answers

#### Settings

- Under Settings, select the number of answer boxes you want your students to view. For example, in the following figure, if you choose 2 then two answer boxes will be displayed underneath the question text. This setting must be selected before you can choose which textbox the answer will appear in under **Allow in answer box** for each answer. If there is only one answer, you do not have to apply about this setting.
- From the Answer box width drop-down menu, select the number of characters that students can enter within answer boxes. You can select between 10 and 100 characters. It is suggested you make the number of characters greater than the answer(s).
- You can also decide whether or not case sensitivity is required by selecting either the **Yes** or **No** radio buttons. If you select No, students will not be penalized for using uppercase or lowercase letters.

## Settings

Number of answer boxes shown to the student:

Answer box width:  characters

Answers are case sensitive:  Yes /  No

## More Options

- You can provide students with general feedback instead of or in addition to specific answer feedback. For example, you can give a chapter and/or page number where answers can be found. If you want to use HTML coding, click the **Use HTML** checkbox. General feedback displays when students view their graded assessment, if you choose to release it to them.
- If you want to enter notes for all designers to use when grading the assessment, add the information in the Section Designer notes box. This will be displayed to students when they review their results, if you choose to release it to them.

 **More Options** (Expand this area to see more options.)

### General feedback

Use HTML

### Section Designer notes:

All questions that are created are automatically stored in the Question Database. Since the Question Database could contain many questions, it is a good strategy to organize questions into categories.

- To add questions to an existing category, select **Specify an existing category**, and from the drop-down list select the category. Note that Uncategorized Questions is the default category. If you do not specify a category, questions will be placed there automatically.
- To add questions to a new category, select **Create a category** and in the textbox enter a category name.

Category: Questions may be placed in categories in the Question Database, for organizational purposes.

Specify an existing category:

Create a category:

Save

Preview

Cancel

## Preview

If you prefer to preview questions to ensure they display and grade correctly, click **Preview**. The Preview Question pop-up window appears and individual questions are displayed as they will appear in the student view. If you want to check the grading scheme and feedback, enter your answer and click **Grade**. The question will be graded and answers are displayed, including the grade and any feedback.

### Walked on the Moon and the space history

Enter the names of the first two meon who walked on the moon.

1.

2.

Grade

Close

Previewing the question allows you to check that everything is correct. Now you can save the question by clicking **Save**. If you added a new category, you will find that it has just been added (for example, "History Chapter 3," as shown in the following figure). You may need to open the category by clicking the plus (+) sign. Once a category is open, you can view a list of all questions that have been added (for example, "Walked on the Moon and the space history," as shown in the following figure).

<input type="checkbox"/>	<u>Title</u> ↑	<u>Type</u>	<u>Used By</u>
<input type="checkbox"/>	[-] History Chapter 3 ▾ (1)	Category	--
<input type="checkbox"/>	[-] Walked on the Moon and the space history ▾	Short Answer	--

You can repeat the same procedure to create as many Short Answer questions as you wish.