



Blackboard 7 Getting Started - Creating Assessments

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Assessments

- Used to measure understanding of material
- Types of Questions Include:
Multiple Choice, True/False, Multiple Answer,
Ordering, Matching, Fill in the Blank, Essay,
Calculated, Numeric Response, Either/Or, Hot Spot,
and Quiz Bowl.
Questions also can be taken from a
Question Pool or Uploaded
- Taken on-line
- Surveys used to gather information

Assessment Considerations

Some Information taken from Blackboard Instructor Manual



1. How many and what type of questions will the assessment contain ?
2. Will they measure the student's understanding of the material or is the assessment for review?
Multiple attempts may be desirable if the assessment is for practice.
3. What is the point value of each question?

The "Do not include this test in Gradebook score calculations options allows the Instructor to view the grade, but the score does not count towards the grade".

"Hide the score of this test from the Gradebook option encourages self discovery".

Question Types



- Fill in the Blank
 - Must be exact match.
 - Limit to as few words as possible
 - Evaluated on spelling and letter patterns
 - Not case sensitive

Question Types

Taken from Blackboard Instructor Manual



- Multiple Answer
 - More than one answer allowed
- Matching
 - Must pair questions to answers
- Ordering
 - Select correct order
- Essay
 - Students can type or cut and paste answer into field

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Question Types

Taken from Blackboard Instructor Manual



- Calculated
 - Question contains a formula whose variables can be set to change for each user
- Numeric Response
 - Resemble fill-in-the-blanks
 - User enters a number to complete a statement
- Either/Or
 - Users presented with a statement and asked to respond by selecting from pre-defined two-choice answers, such as: Yes/No or Agree/Disagree
- File Response
 - File uploaded as answer to question
 - Graded manually
 - Can be worked on prior to test and submitted with test or read prior to taking test

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Question Types

Taken from Blackboard Instructor Manual



- Hot Spot
Answer is indicated by marking a specific point on an image
- Jumbled Sentence Questions
Users shown sentence with parts of the sentence as variables.
User selects answer for variables from drop-down lists
One set of answers used for all drop-down lists
Useful when teaching proper grammatical order in sentence, such as location of noun, verb, or adjective
- Quiz Bowl
Being shown the answer, the user responds by entering the correct question into a text box.

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Assessment Deployment and Settings

Taken from Blackboard Instructor Manual



- Decide how Assessment will be deployed and Settings that will be added

Fill in the Blank Tips

Taken from Blackboard Instructor Manual



- Provide answers that allow for common spelling errors.
For example: convenient and convenient.
- Provide answers that allow for abbreviations or partial answers.
For example: Ben Franklin, Benjamin Franklin, Mr. B. Franklin, Franklin.
- Create question that indicates best way to answer question For example: _____ is pictured on the one hundred dollar bill.

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Fill in the Blank Tips

Taken from Blackboard Instructor Manual



- Limit answers to one or two words to avoid mismatched answers due to extra spaces or the order of the answers.
- Avoid using nicknames or abbreviations in your answer.



Calculated Formula

- Calculated Formula
 - Formula is mathematical expression used to find answer
 - Variables set to change for each user
 - Variable range specifies minimum and maximum value for each variable
 - Answer Sets randomly generated
 - Correct answer can be specific value or range of values
 - Partial credit may be granted

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Calculated Formula

Some Information Taken from Blackboard Instructor Manual

- Adding Calculated Question is Three Part Process
 1. Create question and formula
 2. Define values for variables
 - Composed of Alphabetical digits (0-9), periods, (.), underscores (_), and hyphens(-).
 - All other occurrences of opening rectangular brace “[” should be preceded by back-slash “\”.
 - Variable names must be unique.
 3. Confirm variables and answers



Calculated Formula

- Create Question and Formula
Formula: $[X] + [Y] = Z$
 1. Define formula to answer question in Answer Formula box ($X+Y$)
Choose operations from buttons at top of Formula box.
 2. Assign Point Value for Question
Additional options may appear based on Creation Settings.

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Calculated Formula

- Create Question and Formula
 3. Set Answer Range
Defines which answers will be marked correct
If exact value must be entered, enter 0 and select Numeric from drop-down list.

If answer can vary, enter a value and select Numeric or Percent.
Numeric will mark every answer correct that falls within a range of plus or minus the Answer Range from exact answer.
Percent will mark every answer as correct that falls within a percentage of plus or minus the Answer Range from exact answer.

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Calculated Formula

- Create Question and Formula
 4. Set Answer Range (continued)
Defines which submitted answers will be marked correct

Percent will mark every answer correct that falls within a percentage of plus or minus the Answer Range from the exact answer.

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Calculated Formula

- Create Question and Formula
 5. Select Yes or No for Units Required.
If Yes, answers must include correct unit of measurement (For example: grams).
 6. Enter correct measurement and whether unit needs to be case sensitive.
 7. Enter percentage in Unit Points Percentage.
Unit of measurement will account for that percentage of total credit.

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Calculated Formula

- Create Question and Formula
 8. Define partial credit for answers that fall outside correct Answer Range.
Select Yes or No for Allow Partial Credit.
Enter value for Partial Credit Points Percentage.
Set range for partial credit by entering a value and selecting Numeric or Percent for the Partial Credit Range.
Answers falling within rang will receive a portion of total possible point for question equal to the Partial Credit Ponto Percentage.
 9. When Finished with question,click Continue to proceed.

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Assessments

- **Create an Assessment.**
- Open Control Panel
 1. Under Assessment, click Test Manager
Test Manager page displays
 2. Click Add Test to create assessment
 3. On Test Info page, enter name, description, and instructions for assessment.
 4. Click on Submit button
Test Canvas Page displays

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Assessments

5. On Test Canvas page, use Add drop-down menu to select type of question you wish to create and click on Go button
6. Enter question text, point value, answer, and responses for correct and incorrect answers.
7. Continue adding questions until all questions entered.
8. Click the Submit button.



Adding Assessment Area

- In order for students to locate assessments in Blackboard 7, the instructor needs to add them to an existing content area or create a new content area in which links to assessments can be created.

Procedures for Creating a New “Assessment” Content Area



1. Open Control Panel
2. Under Course Options, select Manage Course Menu
3. Click Add Content Area
4. Since “Assessments” is not one of the options on Name drop-down menu, type Assessments (or desired Name) in blank box provided beneath the Name drop-down list.
5. Select desired options and click Submit
An Assessments link should be visible under Content Areas.

Add a Link to the Desired Content Area



- Links between “assessments” and existing Content Areas need to be created.
 1. Open Control Panel
 2. Under Content Areas, click on newly created Assessments link *or* other Content Area link
 3. To add exam, click Test button
Existing tests should display under AddTest.
 4. Click Create to construct new assessment Or...
 5. Click on test you wish to add and click Submit.

Procedures to Make a Test Available



- A test needs to be made available in order for the test to be visible.
 1. Open the Control Panel.
 2. Under Content Areas, click on the link for the Content Area that contains the test.
 3. Click on the Test button.
 4. If the test already exists, click on the Modify button to the right of the test you wish to make available.
 5. In the Modify test window, click on the link titled Modify the test options.

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Procedures to Make a Test Available



6. Under Test Availability, click in the “Yes” radio button beside the text “Do you want to make the link visible?”
7. Click on the Submit button.



Helpful Resources

- Refer to the Blackboard manual and tutorials found in the Control Panel under Help.
- Go to <http://www.worcester.edu/it>
(The Information Technologies Web Site)
 1. Under Online Support Guides, click “Click here...” to locate documentation for Blackboard and other technologies used at WSC.