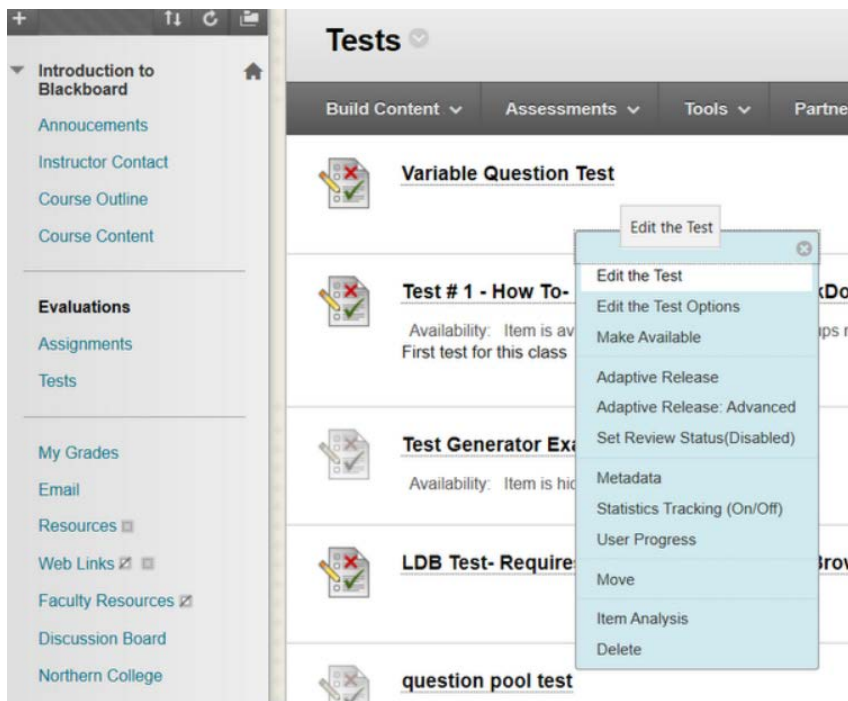**BLACKBOARD**

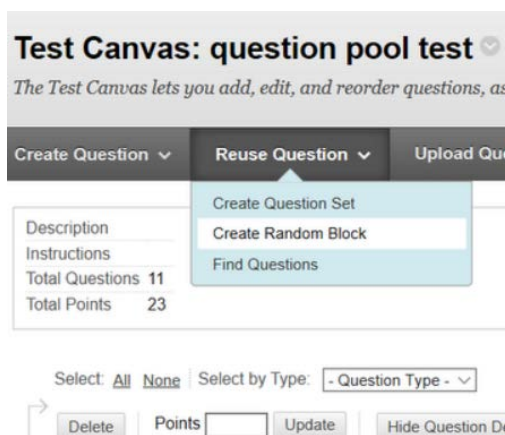## Inserting Question Sets and Random Blocks

We are going to show you have to edit an existing test to include a **Question Set** and a **Random Block**. Navigate to Tests/question pool test.

Click on the arrow and choose **Edit the Test**.

INSERTING A RANDOM BLOCK

In this example, you're going to first create a **Random Block**.

In this course, there are two different pools; **Questions Pool #1** and **Question Pool #2**.

Question Types

Select **Question Pool #1**. You also need to select the question type. If you wanted to choose **All Pool Questions**, this is what you'd see below. This tells you that there are 27 questions. And if you choose this filtering, all 27 questions would be accessible within the test.

Create Random Block

A random block is a group of questions retrieved from a question pool. Questions are randomly retrieved from the selected question pool based on the question type and the number of questions available in the selected pool. More Help

Choose Criteria

View ⌄ | Reset to Default

▼ **Pool**
- ☑ Question Pool # 1
- ☐ Question Pool #2

▼ **Question types**
- ⦿ All Pool Questions
- ☐ Calculated Formula
- ☐ Calculated Numeric
- ☐ Either/Or
- ☐ Essay
- ☐ File Response
- ☐ Fill in Multiple Blanks

Selected Criteria

Pool [Question Pool # 1] + Question types [All Pool Questions]

Preview questions that match selected criteria

Displaying 1 to 25 of 27 items

Question Display ⌄   Page 1 of 2 > »

Question Text △	Question Type	Source Name
A line Voltage sensing device (such as a line level thermostat) is:	Multiple Choice	Question Pool # 1
A line Voltage sensing device (such as a line level thermostat) is:	Fill in the Blank	Question Pool # 1
A normal resting heart rate for adults ranges from 60 to 100 beats&...	True/False	Question Pool # 1
All overload relays contain a set of bimetallic contacts	True/False	Question Pool

However, if you just want to choose a specific type of question, you can scroll down and choose only **Fill in the Blank**.

You now have a pool of 9 items to choose from. You can not select what items are included in your block. By default, they will all be included.

- ☑ Question Pool # 1
- ☐ Question Pool #2

▼ **Question types**
- ○ All Pool Questions
- ☐ Calculated Formula
- ☐ Calculated Numeric
- ☐ Either/Or
- ☐ Essay
- ☐ File Response
- ☐ Fill in Multiple Blanks

Preview questions that match selected criteria

Displaying 1 to 9 of 9 items

Question Display ⌄

Question Text △	Question Type	Source Name
A line Voltage sensing device (such as a line level thermostat) is:	Fill in the Blank	Question Pool # 1
All overload relays contain a set of bimetallic contacts.	Fill in the Blank	Question Pool # 1
Electronic overload relays employ a current _____ to sense the motor current	Fill in the Blank	Question Pool # 1

So if these are the questions you'd like to use, click on submit on the bottom right.

Displaying **1** to **9** of **9** items | Show All | Edit Paging...

Cancel | **Submit**

The **Random Block** gets automatically inserted at the bottom of your test. It will tell you that there is a total of 9 questions that it's going to draw from. And the number of questions that it is to display to the students.

☐ 12. 🖼 **Random Block**

Success: Random block saved. Edit number of questions to display and points. ⊗

Total Questions:	9
Number of Questions to display:	1
Source Pool:	Question Pool # 1
Question Types:	Fill in the Blank

▶ **Preview questions that match selected criteria**

Select: All None | Select by Type: - Question Type - ∨

Delete | Points [   ] Update | Hide Question Details

By Default, the **Number of Questions** is set to 1. If you want to change it, click on the box and change the number, then click submit.

Total Questions:	9
Number of Questions to display:	3	Cancel	**Submit**

Each student will now receive 3 different questions from the block of 9 questions.

If you'd like to preview questions that match selected criteria, click on the link below to review the 9 questions that are being used in this block.
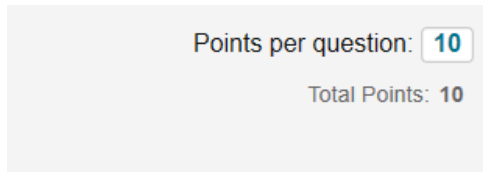
☐ 12. 🖼 **Random Block**

Success: Random block saved. Edit number of questions

Total Questions:	9		
Number of Questions to display:	3	Cancel	**Submit**
Source Pool:	Question Pool # 1		
Question Types:	Fill in the Blank		

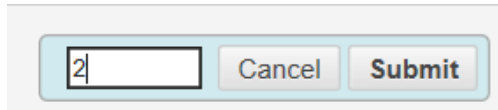▶ **Preview questions that match selected criteria**

Also note, that the points per question default is 10.

Points per question: **10**

Total Points: **10**

You can click on the box and change it to a value you prefer. In this case, change it to 2 and then click submit.

2 | Cancel | **Submit**

When you are creating a Random Black, all of your questions will have the same point value. You cannot edit these individually.

You will also note; you can't delete questions within a **Random Block**. You can however, edit them. *Keeping in mind if you choose to edit this question, it will also edit the original question within your group.*

▼ **Preview questions that match selected criteria**

→ Question Display ⌄

Question Type	Question Text	
		Edit
Fill in the Blank	A line Voltage sensing device (such as a line level thermostat) is: ⌄	

If you'd like to change any of your filtering that you created when you created your block, click the down arrow near the title and choose edit. This will take you back into your question pools where you can then add **True/False questions** or whatever you choose.

You now have 14 items displayed. You can now click submit.

You will now see your **Random Block** holds 14 questions and you are still displaying 3 of the 14 questions to the student.

INSERTING A QUESTION SET

When searching for questions to include in the **Question Set**, not only can you choose from specific pools you have, you also have the option to choose questions from the tests within this course. For this example, let's search all the Black Board tests you have in this course.

You can then choose by Question Types like you did with **Random Blocks**.

		100 beats&...	
☐		A normal resting heart rate for adults ranges from 60 to 100 beats&...	True/False
☐		All overload relays contain a set of bimetallic contacts.	True/False
☐		All overload relays contain a set of bimetallic contacts.	True/False
☐		All overload relays contain a set of bimetallic contacts.	True/False
☐		All overload relays contain a set of bimetallic contacts.	Fill in the Blank
☐		Anytime a motor has tripped on overload, the electrician should check the mot...	Essay
☐		Anytime a motor has tripped on overload, the electrician should check the mot...	Essay
☐		Electronic overload relays employ a current _____ to sense the motor current	Fill in the Blank
☐		Electronic overload relays employ a current _____ to sense the motor current	Fill in the Blank
☐		If a small glass of water holds [x] ounces and a large glass holds [y] o...	Calculated Formula
☐		In your own words please describe the process that happens during the cell cy...	Essay
☐		In your own words, describe the process that happens during the cell cycle.	Essay

Tests
- ● All Tests
- ☐ LDB Test- Requires Respondus LockDown Browser
- ☐ question pool test
- ☐ question pool test1
- ☐ Test # 1 - How To- Requires Respondus LockDown Browser
- ☐ test #1 - How to
- ☐ Test Generator Example Test
- ☐ Variable Question Test

Question types
- ☐ Calculated Formula
- ☐ Calculated Numeric
- ☐ Either/Or
- ☐ Essay
- ☐ File Response
- ☐ Fill in Multiple Blanks
- ☐ Fill in the Blank
- ☐ Hot Spot
- ☐ Jumbled Sentence
- ☐ Matching
- ☐ Multiple Answer

You can also search by **Category**, **Topics**, **Levels of Difficulty**, and **Keywords**. So for this example, there is a question associated with a **Category**, **Health**. If you click on that, it will now filter and bring up questions, only related to Health. You could do this for any **Topics** you have indicated, **Levels of Difficulty** and **Keywords**.

Question Display ⌄

☐		**Question Text** △	Question Type	Source Name	Source Type
☐		A normal resting heart rate for adults ranges from 60 to 100 beats&...	True/False	question pool test1	Test
☐		A normal resting heart rate for adults ranges from 60 to 100 beats&...	True/False	question pool test	Test

Displaying **1** to **2** of **2** items   Show All   Edit Paging...

Remove the **Health Category** so you have more options to choose from.

With the **Random Block questions**, you had to use all the questions involved in that block. However, with **Question Set**, you can select the questions individually that you'd like to include in the set.

		Question Text △	Question Type	Sourc
☐				
☑	▣	A line Voltage sensing device (such as a line level thermostat) is:	Multiple Choice	Test (
☑	▣	A line Voltage sensing device (such as a line level thermostat) is:	Fill in the Blank	Test (
☑	▣	A normal resting heart rate for adults ranges from 60 to 100 beats&...	True/False	quest
☑	▣	A normal resting heart rate for adults ranges from 60 to 100 beats&...	True/False	quest
☑	▣	All overload relays contain a set of bimetallic contacts.	True/False	quest
☐	▣	All overload relays contain a set of bimetallic contacts.	True/False	quest

Once you are done, click Submit. Then navigate to the bottom of your test where you have created a **Question Set** with a total of 5 questions. And by default, it is only going to display one question to the students.

☐ 15. 🖨 **Question Set**

> **Success: Question set saved with 5 questions. Edit number of questions to display and points.**

Total Questions: 5
Number of Questions to display: [1]

▶ **Questions in the Set**

You can click on that and change that number to 3. Then click submit. This question set will now randomly show 3 questions from the 5.

[3]   Cancel   **Submit**

You can also change your point value so that each questions are worth 1 mark. And again, this is assigned to all questions in the set.

[1]   Cancel   **Submit**

Another difference with Que**stion sets** is you can view the questions in the set.

And if you wanted too, you can choose to **remove a question**.

You can also click on **Add Question**.

You can go in and add a question or more than one question to the test. Then click submit.

☐	▢	A line Voltage sensing device (such as a line level thermostat) is:	Fill i Blar
☐	▢	A normal resting heart rate for adults ranges from 60 to 100 beats&...	True
☐	▢	A normal resting heart rate for adults ranges from 60 to 100 beats&...	True
☐	▢	All overload relays contain a set of bimetallic contacts.	True
☑	▢	All overload relays contain a set of bimetallic contacts.	True
☑	▢	All overload relays contain a set of bimetallic contacts.	True
☐	▢	All overload relays contain a set of bimetallic contacts.	Fill i Blar
☐	▢	Anytime a motor has tripped on overload, the	Ess

Tests

- ◉ All Tests
- ☐ LDB Test- Requires Respondus LockDown Browser
- ☐ question pool test
- ☐ question pool test1
- ☐ Test # 1 - How To- Requires Respondus LockDown Browser
- ☐ test #1 - How to
- ☐ Test Generator Example Test
- ☐ Variable Question Test

So your Question set now has 6 questions and will still display 3 questions per student.

☐ 15 - 17. 📑 **Question Set** ⌄

Success: Question set updated with 2 questions. ✕

Total Questions:	6
Number of Questions to display:	3

▼ **Questions in the Set**

[Add Questions]

⇨ [Remove Question] [Question Display ⌄]

		Question Type	Question Text
☐			
☐	▢	True/False	A normal resting heart rate for adults ranges from 60 to 100 beat
☐	▢	Multiple Choice	A line Voltage sensing device (such as a line level thermostat) is

NOTE: again, you can go in and edit each question individually, but please keep in mind it will override the original question in the test or pool.

When students take the test they will see the random questions and will not realize they are answering questions out of a **Random Block** or **Question Set**.