

Get the right quiz for your assessment needs in Canvas

Whether you want students to do a low-stakes practice quiz, or give a secure online final exam, Canvas has many possible quiz setups, each with their advantages and risks. This document will help you choose the best setup for the type of assessment you want to run, from the simplest to the most complex quiz scenarios. See the following pages for each of the following scenarios.

Quiz scenario	Description
A) Reading quiz	Low-stakes reading comprehension quiz.
B) Practice non-graded	Good for making sure the technology works for students.
C) Formative Mastery	Multiple attempts to make sure students get it right.
D) Random ordered	The same questions, but in a different order for each student.
E) Random question	Both different questions and different order for each student.
F) High-stakes secure	All random, one question per page, timed, password access.
G) RLDB	Respondus Lockdown Browser use with a Canvas quiz.
H) Quizzes.Next	Beta quiz tool. Consult with CTL about it first.

For any quiz in Canvas:

- If you are importing questions with an answer that is “A or C”, or “All of the above”, you will have to edit the questions in Canvas to insert the answer letters, and you will not be able to shuffle the answers because that might put “all of the above” above the other answers.
- If your questions have not been vetted to remove any ambiguity or incorrectly designated correct answers, we strongly advise **not** to use the random question type quiz that pulls a different set of questions for each student.
- Do not edit quiz questions while students are taking the quiz. You can **moderate the quiz** while students are taking it, to give them more time or another attempt. See <https://community.canvaslms.com/docs/DOC-12711-4152276730>
- The most secure quiz setting is in a computer lab with invigilators, the least secure is online at home.
- All online quizzes list in the Assignments course menu link even though you create them in the Quizzes course menu link.

A) Reading quiz

This is a frequently used graded quiz for reading comprehension.

- When you create the quiz, choose graded quiz, and you can choose to allow multiple attempts and take the highest score. See the Canvas instructions for creating a quiz at: <https://community.canvaslms.com/docs/DOC-12943-4152724267>

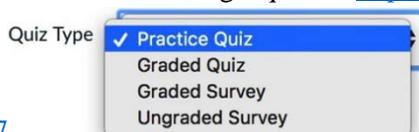


- When you choose questions types, the quiz will automatically score if you avoid using Essay or File upload question types. To create questions one-by-one, see Canvas instructions at: https://community.canvaslms.com/docs/DOC-12943-4152724267#add_question
- If you already have question banks in Canvas, see the Canvas instructions for Find Questions at: <https://community.canvaslms.com/docs/DOC-12951-415298625>
- For importing quizzes or question banks, see Respondus Quiz for Canvas. If you need help formatting your questions before importing them, see Format Questions for Respondus.
- For advanced quiz and question settings see the other quiz scenarios.

B) Practice non-graded

A Practice quiz is different than other quiz types because its score is not added to grades.

- When you create the quiz, in the quiz details page beside Quiz type, choose Practice Quiz. See the Canvas instructions for creating a quiz at: [https://community.canvaslms.com/docs/DOC-12943-](https://community.canvaslms.com/docs/DOC-12943-4152724267)



[4152724267](https://community.canvaslms.com/docs/DOC-12943-4152724267)

- To view student results on a practice quiz, see <https://community.canvaslms.com/docs/DOC-12908-4152182372>.
- When you choose questions types, the quiz will automatically score if you avoid using Essay or File upload question types. To create questions one-by-one, see Canvas instructions at: https://community.canvaslms.com/docs/DOC-12943-4152724267#add_question
- If you already have question banks in Canvas, see the Canvas instructions for Find Questions at: <https://community.canvaslms.com/docs/DOC-12951-415298625>
- For importing quizzes or question banks, see Respondus Quiz for Canvas. If you need help formatting your questions before importing them, see Format Questions for Respondus.
- For advanced quiz and question settings see the other quiz scenarios.

C) Formative Mastery

To use a Canvas quiz for mastery you basically give students as many attempts as they need to achieve the top score. You can also help them by allowing them to not only see their score at the end of the attempt, but to also see which answers are correct. You can also set up automatic feedback that will appear depending on their choices.

- When you create the quiz, choose graded quiz, and you can choose to allow multiple attempts and take the highest score. See the Canvas instructions for creating a quiz at: <https://community.canvaslms.com/docs/DOC-12943-4152724267>
- When creating questions you may want to add feedback on correct and incorrect choices when students view their results. See the Canvas instructions on providing feedback at: https://community.canvaslms.com/docs/DOC-12884-415241477#enter_feedback_text
- When you choose questions types, the quiz will automatically score if you avoid using Essay or File upload question types. To create questions one-by-one, see Canvas instructions at: https://community.canvaslms.com/docs/DOC-12943-4152724267#add_question
- If you already have question banks in Canvas, see the Canvas instructions for Find Questions at: <https://community.canvaslms.com/docs/DOC-12951-415298625>

- For importing quizzes or question banks, see [Respondus Quiz for Canvas](#). If you need help formatting your questions before importing them, see [Format Questions for Respondus](#).
- For advanced quiz and question settings see the other quiz scenarios.

D) Random ordered

To create this type of quiz, you need to be familiar with creating a reading quiz and using question banks. There are two types of random ordered quizzes:

- 1) The question answers are shuffled in the Quiz details tab. You click the Shuffle checkbox under Options when creating a quiz. See the Canvas instructions for creating a quiz at: <https://community.canvaslms.com/docs/DOC-12943-4152724267>
 - 2) The questions are randomly ordered using question groups and question banks in the Question tab. Basically, you create a question group made up of the same number of questions as you will use in the quiz. See the Canvas instructions for creating randomized quiz questions at: <https://community.canvaslms.com/docs/DOC-12979-415298624>
- The caveat for 1) shuffled answers is that if you have answers that state “all of the above” that will not make sense when the answers are shuffled because that answer may be the first for one student and not another. Similarly, answers that state “A and C are correct” will not make sense because even if you edit the question to add letters, the letters will be out of order.
 - The caveat for 2) randomly ordered questions is that, while students get the same questions, the questions will be in a different order – which makes it difficult to review a quiz by referring to question by number. Be sure all the questions in the question group are used – do not use fewer questions than the question group contains (e.g. 9 out of 10 questions) or else you end up with the E) Random question quiz type.

E) Random question

To create this type of quiz, you need to be familiar with creating a D) random order quiz.

- In addition to random ordering of questions, you use a random subset of a larger set of questions.
- This type of quiz is not recommended for high stakes, high numbers of students, and certainly not with unproven questions.
- A caveat for this quiz type is that the larger the question group and the fewer questions used from it, the less likely any two students see the same questions in their quiz. For this to be fair, you need to create a surplus of equally difficult questions to draw from, and not the same question worded differently because that may make the difficulty vary for individual students.
- Also, if there is a problem question, not all students will have been affected by that problem question. To find who had that problem question is tedious. Your regrading options are also limited.

F) High-stakes secure

High-stakes secure quiz types often involve the use of E) Random question, the use of one question per page, and password access, but also the planning and arranging of the quiz in a location where students can be invigilated. Midterm and Final Exams are high stakes and faculty want several aspects of security. For example, the setup should prevent students from:

- Copying other students' answers by question number – random order.
- Figuring out the answer key and sharing it – random questions, hiding results, muting grades.
- Getting another attempt outside of the exam hall – see [Online Quiz Best Practices Guide](#).
- Screen capturing the quiz questions – see [Online Quiz Best Practices Guide](#), and G) RLDB

Nursing also takes advantage of locking questions and a time limit to simulate the NCLEX licencing exam. A risk for using the “lock questions after answering” feature is that instructors previewing the quiz have been locked out of further quiz editing, and students who lost their network connection were unable to reconnect and continue the same attempt.

G) RLDB

Respondus Lockdown Browser (RLDB) is a web browser and Canvas plug-in that you can have added to your Canvas course and require students to use it to access and complete an online quiz.

- Request RLDB by emailing ctl.helpdesk@ubc.ca and specifying your course. To make RLDB required for a quiz, see [Using RLDB for an Online Exam](#).
- For students, instructions to download, install and run RLDB to access the quiz are in the document: [Using RLDB for an Online Exam](#).
- RLDB can be set to prevent students from leaving the quiz web page until they submit the quiz. Advanced settings can allow students to visit a specific web page, a web site that simulates Excel, and to upload a file.
- We strongly advise running a practice quiz using RLDB for students to check that their browser and laptop work properly with RLDB.
- If students take an online exam with RLDB, there is no security unless they are invigilated.

H) Quizzes.Next

For the brave souls that want to try an unfinished tool, Quizzes.Next can be found at the top right of the Assignments page in the course menu (labelled **Quiz/Test**). Quizzes.Next has features that the current Canvas quiz tool does not have. Unfortunately, because it is still in development, it is also missing some key features that can be found in the current quiz tool.

You might want to use Quizzes.Next if:

- You use Hot Spot, Categorization, or Ordering questions.
- You want more flexible regrading options.
- You want to require waiting periods between attempts.
- You want to vary points by answer.

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You should avoid Quizzes. Next if:

- Your TAs need to access or grade the quizzes.
- You want to hide correct answers from students.
- You use question banks.
- You need to add extra attempts for individual students.

To learn more about Canvas quizzes, contact ctl.helpdesk@ubc.ca

