Canvas has developed new quizzes which will become the default quiz tool in CSU’s system for summer 2022. New quizzes have been enabled in all courses to allow instructors to become familiar with this new tool. 

https://community.canvaslms.com/t5/Instructor-Guide/tkb-p/Instructor#NewQuizzes
IV. Question Item Banks

A. Create an item bank
B. Add a content to an item bank
C. How to share an item bank in same course
D. Delete an item bank

RESOURCES:

TRANSITION TIMELINE:
New Quizzes will be the only quiz option starting summer term 2022. Now is a good time to become familiar with the tool, create a new quiz, review how well classic quizzes migrate over to new quizzes.

THINGS YOU NEED TO KNOW BEFORE USING NEW QUIZZES

WHAT’S DIFFERENT:

- By default, when students complete a new quiz, they see their responses, score, questions, and Correct Answers. Use the Restrict Student Result view settings to only show those items you want them to see when they complete a new quiz.
- Remember to assign an overall point value when creating a quiz. Otherwise, you will need to touch each student’s quiz attempt to grade. To avoid confusion for your students, we recommend that the point value set on the new quiz match the number of points on the quiz itself.
- Completed new quizzes do not show up under To Do grading list in Canvas. Can set your Canvas Notifications to send you an email when a new quiz has been submitted.
- No longer have a survey option.

Who Can Create A New QUIZ?

- Teachers and Assistant Teachers can create a New Quiz.
- Designers need to use the Designer – New Quiz role to create a new quiz.
- TA’s and standard Designers cannot create a new quiz.
Migrating Quizzes and Question Banks Options
See our Migration Guide to learn how to migrate quizzes and question banks.
Canvas plans to provide a tool to migrate large numbers of quizzes and questions banks in early spring 2022.

Grading Quiz with Auto Graded Questions and Essay Question
- When a student takes a new quiz which contains auto graded questions and manually graded essay questions, students see an initial score for the auto graded portion of the quiz. It is not clear to the student that the essay question has not yet been graded.
- In larger courses, the points awarded for the manually graded essay may take some time to show in SpeedGrader and the grade book.
- We recommend that in you hide the grades for the new quiz column in the Grade Book until all attempts have been graded.

Item (Question) Banks Associated with User, Not Course.
- Item banks belong to a user not a course.
- Item banks can be shared with other instructors and TA’s in a course. We do not recommend sharing item banks across multiple courses.
- If the owner deletes an item bank, anyone with shared access to that bank will no longer be able to access those questions. Questions assigned to a quiz will not be impacted.
- Questions are created on a quiz and then can be added to an item bank.

Videos and Images
- Videos and images can be uploaded or embedded into quiz questions. You can also link to videos stored on Echo360 or Kaltura.
- Different from classic quizzes, images are uploaded from a user’s local computer. They cannot be added from course Files.

Math Formula Editor
New Quizzes uses MathQill as the formula. RCE for pages uses LaTeX.
Partial Credit

Available for:

Multiple Answer

Partial credit is calculated by dividing the total points possible by the number of correct answers for the question. This amount is awarded for each correct answer selected and deducted for each incorrect answer selected. No points are awarded or deducted for answers that are not selected.

Fill in the blank(s)

Each blank space is given a point value calculated by dividing the total points possible by the number of blank spaces. Correct answer choices are awarded this point value and no points are subtracted for incorrect answers.

Partial Credit Currently NOT Available for:

For these question types, points are assigned as all or nothing. Partial credit would need to be assigned manually for each student.

- Matching
- Categorization
- Ordering

Quiz Analytics

An instructor can view analytics for a new quiz. At this time, they cannot download the analytics. We have a request in with Canvas and anticipate they will address this issue.

Proctoring:

- Respondus LockDown Browser (LDB) + Monitor does work with New Quizzes. It is a slightly different process for students to use LDB with New Quizzes.
- For students to see results for quiz which used Respondus, place link to the quiz under a Module.
- Support for HonorLock is expected in spring 2022.
NEW FEATURES:

- Can shuffle questions without using item bank.
  Can shuffle answers per question, not just on the overall quiz.
- Can require waiting period between quiz attempts.
- Can regrade most question types.
- Fudge points are still available.
- Time accommodation for a student for All new quizzes in a course, not just one at a time.  Can set amount of time (20 minutes) or time multiplier (1.5).
- Ability for Teacher to print a copy of the quiz.

New Question Types:

**Hot spot questions** – upload image.  Students must identify a specific area on the image.
E.g. On this image identify the gall bladder.

**Stimulus question** – insert content (text, image, online article, video, etc.) that is then tied to a number of questions.
Stimulus appears on the left and questions on the right.
E.g. On the left show an article from *CSU Source*, on right have 5 questions related to that article.

**Categorization question** - students need to place items in correct category.
E.g. Which are mammals and which are reptiles?

**Ordering Question** – students place items in the correct order.
E.g., Place original colonies in the order in which they ratified the Constitution.

Additional options for grading fill in the blank question responses:

- Contains – word appears in the student’s response
- Close enough – uses Levenshtein Distance to determine if response is close enough to correct answer.
  -Levenshtein Distance is the number of single-character edits needed to change one word to another.
- Exact match – Case and spelling need to be correct.
I. MIGRATE A CLASSIC QUIZ TO NEW QUIZZES

Please see our Migration Guide for additional options and details.

Simple Migration
For classic quiz, with stand-alone questions, no question banks involved.

Under Quizzes, a Classic quiz has a rocket ship icon which is clear in the center.

To the far right of a classic quiz, under the three-dot menu, select Migrate.

Migrated new quiz will appear under Quizzes with a filled in rocket ship.

Verify After Migration

After you migrate a quiz you should check each question as an instructor. Pay special attention to math formulas, tables, and special formatting.

Preview the quiz as a student to insure everything works correctly.

II. CREATE A NEW QUIZ
On the left course menu click Quizzes.

At the top click + Quiz.

Select New Quizzes
Type the quiz name, points, etc.

Make sure to enter the number of points before any students take the quiz.
- Otherwise, you will need to manually touch each student’s attempt to grade.

Note: We recommend the points you enter be equal to the points on the quiz itself.
- Quiz points equal the number of questions times the number of points per question.
See the Points/Scoring section of this document for additional information.

At the bottom click Build.

A. Add Questions

Click on the “+” symbol at the bottom to add a question to the quiz.

B. Question Types

New questions types include:
Categorization, Hot Spot, Ordering, Stimulus

Note: Images are pulled from a local computer, not from Files in the course.
C. Quiz Settings:

At the top of the quiz click Settings.

After students finish a quiz, by default they can see everything (questions, their answers, the correct answers). Click on “Restrict student result view” and select the options you wish to enforce when they complete the quiz.

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Restrict student result view

1. Uncheck all to hide result view and show submission confirmation only:

- Show points awarded (overall and per question)
- Show points possible (overall and per question)
- Show items and questions
  - Show student response
  - Indicate response as correct/incorrect
- Show correct answer with incorrect response
- Show item feedback

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Waiting Period - NEW

Under “Allow multiple attempts” you now have the option to enable a waiting period between attempts.

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<th>Days</th>
<th>Hours</th>
<th>Minutes</th>
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Waiting period

- Require time between attempts

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Div of IT / Colorado State University
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D. Moderate / Time Accommodations

- View number of attempts, score, time to complete.
- Allow additional attempts, additional time for attempt.

<table>
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<th>Student</th>
<th>Attempts</th>
<th>Score</th>
<th>Time</th>
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Click Moderate next to a student’s name to give an additional attempt or time.

For learning accommodation, click under Time adjustments for a student to add additional time to all of their quiz attempts in the course.

Leave New Quizzes
At the top click Return to go back to your Canvas course.
III. POINTS / SCORING

A. Points on assignment vs. points per question
With New Quizzes, an instructor can set a point value for the quiz, which can be different than the sum of the points per question. Realizing that seeing two different point totals for the same quiz may be confusing for your students, we recommend that the points you assign to the quiz and the sum of the points per question be the same.

e.g. When you create a new quiz as an Assignment, you can designate the points the quiz for the quiz as 45.
On the quiz itself, you create 7 questions, each worth 5 points, for a total of 35 points.

What student sees when they finish quiz:

What student sees under Grades:
Confusing for your students!

What instructor sees:
Grade book       Speed Grader

B. Regrade
In SpeedGrader, you can regrade most questions types except for file upload and essay questions.
IV. QUESTION ITEM BANKS


- Similar to Question Banks, contain questions which can be reused.
- You can create question groups using item banks.
- Access or create an item bank once you are in a new quiz.
- Need to be in a new quiz to access question banks.
- A key difference: an item bank is associated with the user not the course.
  - Can be shared with other instructors or TA’s.

A. Create an item bank


To create a question bank, create or enter a new quiz.

- In the top right, select Item Banks.
- At the top right click + Bank

B. Add a content to an item bank


- Create a question in a new quiz.
- Add the question to an item bank.
- Currently, this is performed one question at a time.

C. How to share an item bank in same course.


- To avoid complications, we recommend that you DO NOT share items banks with instructors in Different courses!
- An item bank is associated with a specific user in Canvas.
- A user can choose to share their item bank with other instructors or TA’s, we recommend, in the same course.
- Sharing an item bank gives users full access to the item bank, including adding items to the bank, sharing, or removing users from the bank, and deleting the bank.
- Changing a question in an item bank changes the question for all users with access to that item bank.
• Changing question in item bank will change the question on a quiz IF students have not yet taken the quiz.
• IF students have already taken the quiz, the question changed in the item bank will Not change on the quiz.

D. Delete an item bank.
Deleting an item bank of questions removes access for the owner and for anyone with whom the item bank was shared. It does not remove any of the question bank questions from existing quizzes.

RESOURCES:
Canvas New Quizzes Guides
CSU Quizzes Page