

# Utilizing New Quizzes and Item Banks in Canvas

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## Topics

- Classic Quizzes vs New Quizzes
- Question banks vs item banks
  - Sharing item banks to course banks
  - Best practices for managing these
- Demonstration
- Quiz and item analysis within New Quizzes



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# Classic Quizzes vs. New Quizzes



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## New Quizzes

- Has been available for the past couple years
- High creativity
- NGN compatibility
- Additional question types:
  - Hotspot
  - Categorization
  - Matching
- Additional customizable settings

Choose a Quiz Engine ×

Canvas now has two quiz engines. Please choose which you'd like to use. [Learn more about the differences.](#)

Classic Quizzes  
For the time being, if you need security from 3rd-party tools, Speedgrader, or CSVs for student response analysis, this is the better choice.

New Quizzes  
This has more question types like hotspot, categorization, matching, and ordering. It also has more moderation and accommodation features.

Remember my choice for this course

Cancel Submit



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## Differences Between CQ & NQ

- Classic Quizzes
  - Settings are on the first page when creating a quiz
  - Limited settings
  - Honorlock
- New Quizzes
  - Navigate to settings under the “Build” area
  - Each section has additional filters to add flexibility to your needs and wants
  - Reports, Quiz and Item Analysis under Reports, Moderate
  - Respondus



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## Resources Available

- Past webinars
- Handouts
- Importable module for NGN questions
- Individualized training



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# Items Banks



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## What are Item Banks?

- Store questions for use in assessments (exams/quizzes)
- Use in all of your courses
- Share with others to use
- Different than keeping questions in a Quiz



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## Question Banks vs. Item Banks

- These cannot be interchangeably used with classic and new quizzes
- Question Banks – Classic
- Item Banks – New
  
- To make a question bank into an item bank, follow along!

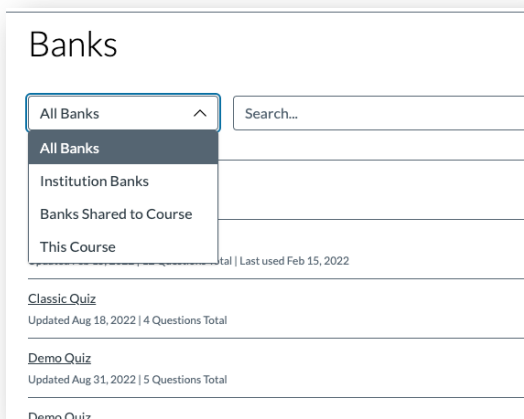


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## Types of Item Banks

- Institution Banks
  - University level
- Banks Shared to Course
  - Any bank that is shared with a course
- This Course
  - Specific to the course you are in
- [All Banks]



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## Best Practices

- Sharing to the course, instead of individuals
  - Ensures continuity
- Labeling conventions will assist with organization and planning
- Knowing what you want to create an item bank for
  - Will help identify what you do – Modules, Exams, Multiple course/people
- Reverse add questions from quizzes, to avoid recreation



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## Item Banks and New Quizzes Demonstration (Create, Share, Use, and Challenges)

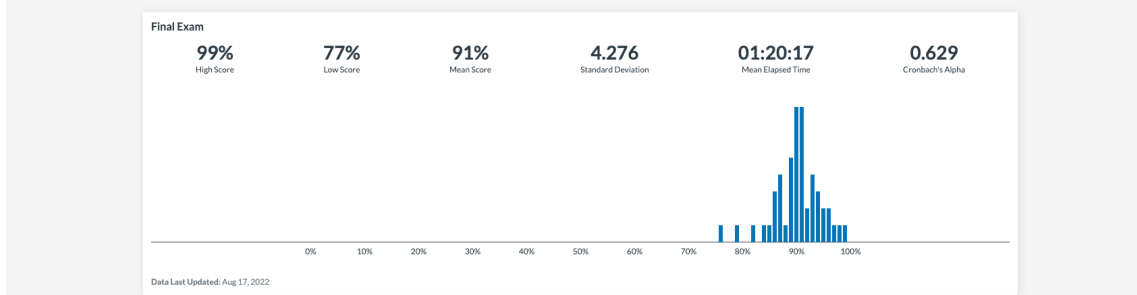


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# Quiz Analysis

## Quiz and Item Analysis



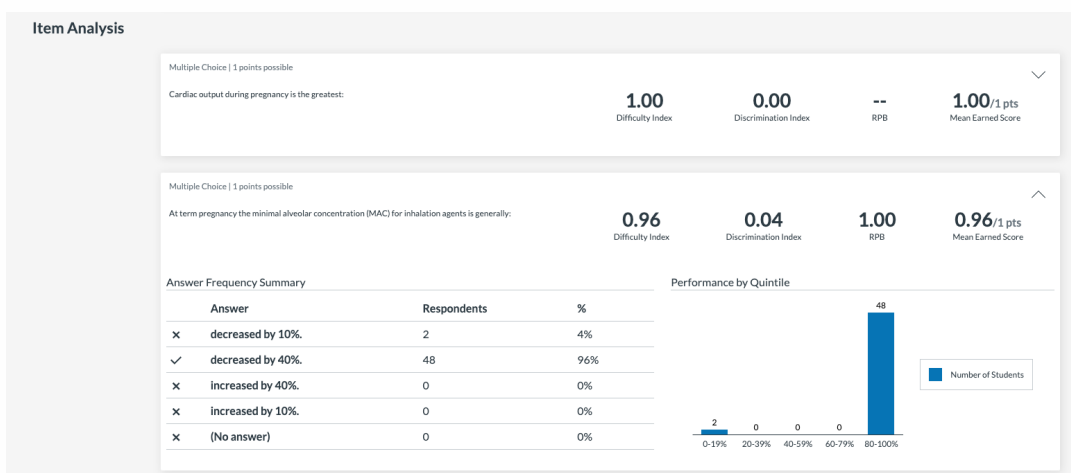
Cronbach's alpha measures internal consistency of how closely related a set of items are as a group.



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# Item Analysis



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## Quiz Analysis Measurements

- The difficulty index (also known as a p-value) shows how hard it is to answer the question correctly.
- Quiz statistics for True/False and Multiple Choice quiz questions include an item discrimination index, which attempts to look at a spread of scores and reflect differences in student achievement.
- Lower discrimination scores are scored +0.24 or lower; good scores are +0.25 or higher



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## Quiz and Item Analysis Best Practices

- Limited to 1,000 submissions or 100 questions
- Must administer the same questions to all students
- Reports will only support multiple-choice or true/false questions
- Will only consider student's first attempts
- Only will include information from students who have completed or attempted the exam
- **Item analysis may take an extended period to populate, use sparingly until the issue resolves**



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## Use Case Scenario

- Students did not perform well according to
  - Alpha score
  - Cronbach alpha
- Make informed decisions to omit questions to improve student outcomes
- Justify changes in your questions



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## Thank you for joining us!

We will open up for Q&A

**Would you like to request assistance from the EDT team?**

Visit our website and submit a support/consultation request:

<https://health.usf.edu/nursing/faculty-staff/edt>

or [submit a ticket](#)



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