

Percentage-Based Scoring with Weighted Questions

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Introduction

Purpose: This job aid introduces percentage-based assessment scoring with the option for weighted questions. It includes images to illustrate key points.

Access: Course Providers and **Assessment Managers** will be able to utilize percentage-based scoring in their assessments.

Related Inclusions and Enhancements:

- Display of percentage scores in the Roster and Registration views
- Display of percentage scores in the Transcript (view and download)
- Clarification of text and displays related to Scoring

How to choose percentage-based scoring

When an assessment is created, choose which type of scoring is desired by using the radio buttons at the top of the Assessment settings area. There are three options: Percentage, Points, and Manual.

Assessment settings (Fields marked below are required)

Name

How would you like to grade responses?

- Percentage
- Points (with calculated %)
- Manual grading (admins must manually grade the assessment result as Passed or Failed)

Passing score %

For Percentage or Points, enter the minimum passing score in the text field labeled Passing score.

Assessment settings (Fields marked below are required)

Name

How would you like to grade responses?

- Percentage
- Points (with calculated %)
- Manual grading (admins must manually grade the assessment result as Passed or Failed)

Passing score %

When the assessment is saved, the details of the scoring selection will be displayed.

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Edit Settings

0 questions 0 courses Advanced options ● Inactive ▾

Result Type Percentage

Passing score 60%

How to use percentage-based scoring

When creating questions for the assessment, a reminder of the scoring selection will be displayed.

Add question

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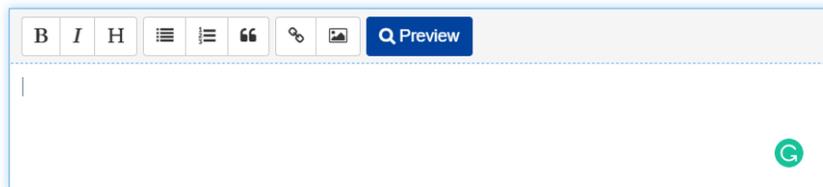
Percentage | Passing score: 60%

After choosing the question type, the next step in the process is creating the question. Below the question text box there is a new Question Weight field with default value of 1.

Add Multiple Choice question

(Fields marked below are required)

Question text



 Attach an image [?](#)

Question Weight

If all questions are kept at the default value, every question will count equally in the grade calculation. If a different weight is chosen for one or more questions, those answers will receive a larger percentage of the overall possible score. The examples below show how an assessment with four questions will differ if one question has a higher weight.

Example of Same Weight Percentage Distribution:

Question 1 with default weight 1 = 25%

Question 2 with default weight 1 = 25%

Question 3 with default weight 1 = 25%

Question 4 with default weight 1 = 25%

If the minimum passing score is 60%, the learner will need to have three correct answers in order to pass.

Example of Higher Weight Percentage Distribution:

Question 1 with default weight 1 = 20%

Question 2 with default weight 2 = 40%

Question 3 with default weight 1 = 20%

Question 4 with default weight 1 = 20%

If the minimum passing score is 60%, the learner can pass the assessment in at least two ways:

1. Correctly answer at least one question with weight 1 (20%) AND the question with weight 2 (40%)
2. Correctly answer three questions with weight 1 (20%)

View of Questions and Weight

After questions are saved, the overview in Assessment settings displays the chosen weight in addition to other question details.

Questions (4) [Move questions](#) [Edit conditions](#) [Add Question](#)

Passing score: 60%
Max available score: 100%

#	Question	Type	Weight	
1	Can aspirin be purchased without a prescription? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Multiple Choice	1	⋮
2	In-pharmacy minute clinics can set a cast on a broken arm. <input type="checkbox"/> True <input checked="" type="checkbox"/> False	True/False	2	⋮
3	Which of the following is not a pharmacy chain in the United States? <input checked="" type="checkbox"/> Tim Hortons <input type="checkbox"/> CVS <input type="checkbox"/> Rite Aid <input type="checkbox"/> Walgreens	Check All That Apply	1	⋮
4	Most pharmacies accept major health insurance plans. <input checked="" type="checkbox"/> True <input type="checkbox"/> False	True/False	1	⋮

How percentage scores are displayed to the learner

At the end of the assessment, the Pass/Fail screen will display the percentage score.

Post-assessment

The screenshot shows a post-assessment screen with a green header that says "Passed". Below the header, it says "Thank you for taking the post-assessment." There are two boxes: "Your Score" with "60%" and "Passing Score" with "60%". A "Review" button is located below these boxes.

If the learner reviews their score, the percentage is displayed on the Review page.

The screenshot shows a review page. At the top, there is a "Back" link. Below it, the course name "ABC Course" is displayed. The score is shown as "Score 60 % • Passing Score 60 % • Max. Score 100 %". A progress bar is visible. There are four questions listed:

- Question 1 of 4: "Can aspirin be purchased without a prescription?" User Answer: "No" (Incorrect, marked with a red X).
- Question 2 of 4: "In-pharmacy minute clinics can set a cast on a broken arm." User Answer: "False" (Correct, marked with a green checkmark).
- Question 3 of 4: "Which of the following is not a pharmacy chain in the United States?" User Answer: "Rite Aid" (Incorrect, marked with a red X).
- Question 4 of 4: "Most pharmacies accept major health insurance plans." User Answer: "True" (Correct, marked with a green checkmark).

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On the Transcript tab in Your Learning, percentage scores are shown.

Title	Status	Completed Date	Score	Credit Type	Format
 ABC Course	Completed: Not Verified	Nov 3, 2021	60%		External Con...

The downloaded transcript also displays percentage scores.

TRAIN Transcript: 

TRAIN UserID: 3792639

From 2021-10-04 To 2021-11-03

ID	Name	Completed Date	Format	Score	Credit	Status
1099644	ABC Course	Wed 03 Nov 2021 07:14 PM	External Content	60.00%		Completed

In Course History, percentage scores are displayed.

History: ABC Course ×

Registration Date	Completed Date	Score	Credit Type	Status
 Aug 31, 2021	Aug 31, 2021		3 / AAA: CEUs	Completed: Not Verified
 Aug 30, 2021	Nov 3, 2021	0 pt / 60%		Completed: Not Verified

How learner scores are displayed for internal use

The learner’s percentage-based scores are visible in a number of areas for course providers and others with appropriate role access.

In the Roster, percentage scores are displayed at both the overview and detailed registration levels.

[ABC Course](#) > Roster

Batch Registration

Search						Q	Filter by Status 9 ▾
Actions ▾	Tools ▾	All	Active	Inactive	Registered: 4 ?		
<input type="checkbox"/> Name ^	Credit Type	Status	Pre-assmt.	Score	Registered	Completed	
<input type="checkbox"/> Registration: Passed		Completed: Not Verified	10 pt / 100%	0 pt / 60%	Aug 30, 2021	Nov 3, 2021	⋮
MaskedEmail.379263...							

[ABC Course](#) > Roster

Batch Registration

Search						Q	Filter by Status 9 ▾
Actions ▾	Tools ▾	All	Active	Inactive	Registered: 4 ?		
<input type="checkbox"/> Name ^	Credit Type	Status	Pre-assmt.	Score	Registered	Completed	
<input type="checkbox"/> Registration: Passed		Completed: Not Verified	10 pt / 100%	0 pt / 60%	Aug 30, 2021	Nov 3, 2021	⋮
MaskedEmail.379263...							
State District of Columbia User ID 3792639 Registration ID 22633723		Pre-Assessment Statistics Score • 10 points Passing Score • 10 points Max. Score • 10 points Total Questions • 1 Correct Answers • 1 (100%) Attempts • 1 Status • Passed Review assessment		Post-Assessment Statistics Score • 60% Passing Score • 60% Max. Score • 100% Total Questions • 4 Correct Answers • 2 (50%) Attempts • 1 Status • Passed Review assessment			

Percentage scores are included in the details shown if the course provider clicks the Review assessment link in the registration details.



ADMIN SEARCH USER SITE HELP



ABC Course

Score 60 % • Passing Score 60 % • Max. Score 100 %

Question 1 of 4	
Can aspirin be purchased without a prescription?	
Correct Answer Yes	User Answer No 
Question 2 of 4	
In-pharmacy minute clinics can set a cast on a broken arm.	
Correct Answer False	User Answer False 
Question 3 of 4	
Which of the following is not a pharmacy chain in the United States?	
Correct Answer Tim Hortons	User Answer Rite Aid 
Question 4 of 4	
Most pharmacies accept major health insurance plans.	
Correct Answer True	User Answer True 

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In the Roster's exported report view, percentage scores can be found in the existing "CourseGradePercentage" column.

Clarifying text and display changes related to Scoring

The introduction of Percentage-based scoring has provided the opportunity to clarify descriptions and displays related to scoring.

In Assessment settings, creators will see “How would you like to grade responses?” rather than the previous “Result type” field name. Additionally, the help text for the Manual grading option has been clarified.

Assessment settings

(Fields marked below are required)

Name

How would you like to grade responses?

- Percentage
- Points (with calculated %)
- Manual grading (admins must manually grade the assessment result as Passed or Failed)

Passing score

Points scoring will display a calculated percent to provide a more meaningful view of the assessment result.

Title	Status	Completed Date	Score	Credit Type	Format
Course with Points based Assessment	Completed	Nov 4, 2021	10 pt / 100%	2 / AAA: CEUs	External Con...

On the Assessment details page, the text for minimum passing score has changed from “Min passing score” to “Passing Score.”

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Edit Settings

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Result Type Percentage

Passing score 60%