



## **DIGITAL LEARNING CENTER**

*Exam Commons  
Scanning Services*

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# DIGITAL LEARNING CENTER EXAM COMMONS USER GUIDE

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Academic Technologies – Information Technology Services  
University of Nebraska-Lincoln

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## OVERVIEW

### Guide Introduction

This guide will detail how to schedule your exam request through the Digital Learning Center (DLC) website, as well as guide you through the entire process of using Canvas to create and deploy quizzes. While Canvas is a great choice for online testing, instructors also have the option to use Maple T.A. (an LTI that plugs into Canvas). For those who wish to use Maple T.A., please see the additional resources at the end of this guide.

### Testing Technologies

- The Exam Commons provides a large-scale, web-based assessment service for instructors in the Adele Coryell Hall Learning Commons. Any UNL instructor is able to fill out and submit an exam request on <http://dlc-reserve.unl.edu>, which is the first step for any type of testing in our center.
- After submitting an exam request, the instructor is then responsible for creating and setting up their online tests in the platform of their choice. At the present, we support these platforms for academic course testing:
  - Blackboard tests (native to the Blackboard LMS)
  - Canvas quizzes (native to the Canvas LMS)
  - Maple T.A. assignments (a LTI plug-in that connects to the LMS)
- The DLC also facilitates WeBWork and ETS Major Field Test exams on a smaller scale for pre-approved courses. Please contact the manager ahead of time if you are considering using one of these platforms.
- Instead of passwords, our testing facility utilizes IP restrictions. In Blackboard, Canvas or Maple T.A., select the filter titled “UNL Testing Centers.” This filter includes all computers in the Digital Learning Center (DLC) and in the Services for Students with Disabilities (SSD) testing center. If a student tries to access an IP restricted exam outside of one of these locations, they will get an error message and be unable to proceed.
- Since staff do not need to enter passwords for students, they do not need to be stationed in the physical testing space. Instead, they monitor the testing students for signs of academic dishonesty with two forms of security software.
- ABTutor is a lab monitoring software that rotates through a thumbnail view of all of the computer screens in the Exam Commons. The student workers are able to use this to take screenshots, monitor screens and assist students remotely. This software also has a URLs Blocked list, which is a group of popular search engine, knowledge, and email sites that we have blacklisted on the machines.
- Avigilon is the video surveillance system that allows staff to watch the live cameras in the Exam Commons. This software allows staff to monitor for physical forms of academic dishonesty, such as students utilizing notecards which aren’t allowed. Staff are also able to access old footage upon instructor request from the past 30 days.

## Online Testing Applications

Though Blackboard tests, Canvas quizzes, and Maple T.A. assignments are very commonly used in the DLC, they can also be implemented for use in other environments.

- Take-Home Exams
  - These exam types can be created without a password or IP restrictions set as take-home exams.
- In-Class Exams
  - Some instructors request that students bring their laptops to class for in-class testing using forms of web-based assessment. For this, no password or IP restrictions should be set, but the exam's availability should only be set for the exact day and time of the in-class exam.
- Remote Proctoring
  - A copy of a Canvas quiz or Maple T.A. assignment must be created and then several settings changed for students to access those exams in remote locations. Later on in this guide, details will be provided about making these adjustments in Canvas and Maple T.A.

## DLC EXAM REQUESTS

### Schedule an Exam

Scheduling an exam is the first part of the exam process, and it's important that you reserve your dates in our system when enough availability remains. You may start reserving dates for an upcoming semester 45 days before the first day of the upcoming semester. To schedule an exam:

1. Log into DLC-Reserve (<https://dlc-reserve.unl.edu>)
2. Click "SCHEDULE EXAM" to begin creating your testing reservation:

The screenshot shows the UNL Exam Commons interface. At the top, there is a navigation bar with the following items: UNL, Exam Commons, Instructor, Exam Scheduling, a menu icon, EXAM SCHEDULING, MY CONTACT INFO, HELP, LOG OUT, and a share icon. Below this is the 'Exam Scheduling' section. It features two tabs: 'PAST' and 'UPCOMING', with 'UPCOMING' selected. There are three buttons: 'SCHEDULE EXAM', 'SCHEDULE MAKEUP EXAM', and 'MANAGE ACCESS'. The main content area is divided into two sections: 'Upcoming Exams' which states 'There are no exams scheduled.', and 'Your Courses' which lists three courses: Math 220 (Math 220 | Spring | Section 100 | View Details), Physics 230 (Physics 230 | Spring | Section 250 | View Details), and English 210 (English 210 | Spring | Section 250 | View Details).

3. Click the courses field to pull up a list of your courses. Click as many courses/sections as you wish to include in this exam request.

The screenshot shows the 'Exam Details' form. The 'Course(s)' field is open, showing a dropdown menu with three options: 'Math 220 | Spring | 100 (20)', 'Physics 230 | Spring | 250 (50)' (which is highlighted in blue), and 'English 210 | Spring | 250 (70)'. The 'Exam Title' field is empty.

4. Enter the Exam Title. In the description section, list your planned path in Canvas (e.g. Canvas > Quizzes > Exam 1). List any additional notes that Exam Commons staff may need for testing.

The screenshot shows the 'Exam Description, Exam Platform, Location, and Additional Notes' field. The text 'Canvas > Quizzes > Exam 1' is entered in the text area. Below the text area is a note: 'Use this space to let us know the testing platform and location for your exams. This information includes your course's LMS (Blackboard or Canvas), the testing platform type (Blackboard, Canvas, or MapleTA), and the path to the test link. Example: Blackboard > Exams > Module 1 > Chapter 1-4 Quiz (MapleTA). This space can also be used to indicate any additional information that the DLC administrative staff might need to know.'

5. In the Approved Materials section, click the field to select pre-entered materials. You can also type in an item not on the list and hit enter to add the item.

- a. Two sheets of scratch paper are always automatically provided to students (students may not bring in their own). If you do not want any other items to be allowed, you can just leave this area blank.
- b. Common Question: May I allow my students to bring in a note sheet or note card for testing?
  - i. Yes! As of January 2018, the Exam Commons is allowing instructors to include a single sheet of hand-written notes (note sheet or note card) as an approved item for their students to bring. Requests for open book/open note exams will not be approved.
- c. Note: If you are planning on linking PDF documents within your quiz as an approved material, make sure to list that here. Details on how to do this in Canvas will be provided in the Canvas section of this user guide.

**Approved Materials**

- × Scientific Calculator
- × 8x11 one side note sheet
- × PDF document

6. Select any Exam Length up to 120 minutes. To maximize the efficiency of the Exam Commons and help eliminate empty seats, please try to choose an exam length that's reflective of the actual amount of time your students will need to test. Average exam length can be determined in Canvas after students start taking your quiz, and more details will be provided about where to find this in the Canvas Item Analysis section of this guide.

**Exam Length**

120 minutes

- 30 minutes
- 45 minutes
- 60 minutes
- 75 minutes
- 90 minutes
- 105 minutes
- 120 minutes

**Reschedule if No-Show**

7. Allow Reschedule if No-Show allows your students one opportunity to sign up on their own for an additional testing time slot if they missed/no-showed for their first time. Students can always edit their time slots and change them if they know they will have an impending conflict, but as soon as they no-show for an exam it is marked as missed in our system, and they are unable to reschedule unless this is selected or the instructor submits a makeup request for them. If you would rather submit makeup exams for students who miss, the "Schedule a Makeup Exam" section is below. Please note that even if your exam has multiple attempts, students will only be able to reschedule one missed attempt on their own (i.e. this is a maximum of one reschedule per test).

**Allow Reschedule if No-Show**  Allow students one opportunity to reschedule on their own within exam days if they miss their original attempt.

8. Select the total number of attempts. In the summer when there is less usage in the Exam Commons, instructors also have the option to change the number of attempts per day to two.
9. In the Exam Dates section, you'll be given a minimum number of days to accommodate all students. Click the dates to have the exam available to students. The dates will toggle on/off with each click. Requests for testing on one day only or one block of time cannot be accommodated.

#### Exam Dates

*You have selected a total of 50 students with 1 attempt each. Please pick at Least 3 days for your exam.*

#### Date Picker Legend

- Less than 50% full
- Between 50 and 75% full
- More than 75% full
- Full to capacity (no open seats)

3 of 3 days selected

FEBRUARY 2018							MARCH 2018						
SU	MO	TU	WE	TH	FR	SA	SU	MO	TU	WE	TH	FR	SA
				1	2	3					1	2	3
4	5	6	7	8	9	10	4	5	6	7	8	9	10
11	12	13	14	15	16	17	11	12	13	14	15	16	17
18	19	20	21	22	23	24	18	19	20	21	22	23	24
25	26	27	28				25	26	27	28	29	30	31

10. In the Contact List section, provide at least one person who can speak on your behalf regarding this exam should you be unavailable in the order to be contacted.
11. After you have read the DLC Terms & Conditions, select the checkbox, and then SUBMIT FOR APPROVAL.

I have reviewed and understand the **DLC Terms & Conditions**

[SUBMIT FOR APPROVAL](#)

12. Your request is now submitted.

Note: When submitted your requests for class-wide testing, you will only be able to reserve times that are two weeks out from the current date.

### Schedule a Makeup Exam

Scheduling an exam is the first part of the exam process, and it's important that you reserve your dates in our system when enough availability remains. Here are some possible situations that may come up that



may necessitate a makeup exam: if a student needs to take an exam outside of the regular exam window, if a student has already taken the exam but needs another attempt due to technical reasons, if a student missed their time slot and need another opportunity to sign up, etc. To schedule a makeup exam:

1. Log into DLC-Reserve (<https://dlc-reserve.unl.edu>)
2. Click "SCHEDULE MAKEUP EXAM" to begin creating your testing reservation:

The screenshot shows the 'Exam Scheduling' page on the UNL Digital Learning Center Exam Commons. The page has a red navigation bar with 'EXAM SCHEDULING', 'MY CONTACT INFO', 'HELP', and 'LOG OUT'. Below the navigation bar, there are tabs for 'PAST' and 'UPCOMING', with 'UPCOMING' selected. Three buttons are visible: 'SCHEDULE EXAM', 'SCHEDULE MAKEUP EXAM', and 'MANAGE ACCESS'. The main content area is divided into two sections: 'Upcoming Exams' and 'Your Courses'. The 'Upcoming Exams' section contains the text 'There are no exams scheduled.' The 'Your Courses' section lists three courses: 'Math 220', 'Physics 230', and 'English 210', each with a 'View Details' link.

3. Multiple students may be included in a single makeup request.

The screenshot shows the student selection interface. It features a search bar labeled 'Student(s)' and a list of students with their names, IDs, and course information. The 'Exam Title' column is also visible. Below the list, there is a section for 'Student(s)' where three students have been selected and added to a list: 'Diaz, Michael | mdiaz19 | Physics 230 (Spring)', 'Hawkins, Catherine | chawkins1b | Physics 230 (Spring)', and 'Hernandez, Samuel | shernandez0 | Physics 230 (Spring)'. The text 'Students to be given makeup exam' is displayed at the bottom of this section.

4. Enter all other exam details in the areas provided. For makeup exam requests, it is not necessary

to select more than one date. There is also no lead time for these requests – you may submit for as soon as the current day.

Exam Dates

You have selected a total of 3 students with 1 attempt each. Please pick at Least 1 days for your exam.

Date Picker Legend

● Less than 50% full ● Between 50 and 75% full ● More than 75% full ● Full to capacity (no open seats)

1 of 1 days selected

JANUARY 2018							FEBRUARY 2018						
SU	MO	TU	WE	TH	FR	SA	SU	MO	TU	WE	TH	FR	SA
	1	2	3	4	5	6					1	2	3
7	8	9	10	11	12	13	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17
21	22	23	24	25	26	27	18	19	20	21	22	23	24
28	29	30	31				25	26	27	28			

- After you have read the DLC Terms & Conditions, select the checkbox, and then SUBMIT FOR APPROVAL.

I have reviewed and understand the **DLC Terms & Conditions**

**SUBMIT FOR APPROVAL**

- Your request is now submitted.

## Manage Existing Requests

**Upcoming Exams**

### Test 1

*Math 220*

⚠ Request Pending

[Edit](#) | 
 [Clone](#) | 
 [Cancel](#)

---

#### Dates

📅 Wednesday, February 28, 2018 - Thursday, March 1, 2018

#### Description

Canvas > Quizzes > Test 1

#### Approved Materials

- Scientific Calculator

#### Assigned to:

- Math 220 | Spring | Math 220 (Section 100)

### Edit a Request

To edit a request that you have submitted, log into your instructor dashboard at <http://dlc-reserve.unl.edu>. Then, click the “Edit” link and make the necessary changes before you click SUBMIT FOR APPROVAL. Note: Requests can only be edited if they have not yet been approved by the Exam Commons administrator. Once they have been approved, the “Edit” link will disappear. If you must make last minute changes to your request, please contact the Exam Commons manager.

### Cancel a Request or Approved Exam

To cancel a request, log in to your instructor dashboard at <http://dlc-reserve.unl.edu>. Click the “Cancel” link and then click the CANCEL THIS EXAM button. Note: Requests can only be cancelled if they are not yet open for student registration. Once they are open to students, the “Cancel” link will disappear. If you must make a last minute cancellation to an open exam, please contact the Exam Commons manager.

### Clone a Request or Approved Exam

To clone a request, log in to your instructor dashboard at <http://dlc-reserve.unl.edu>. Click the “Clone” link to create a copy of a request, make the necessary changes for the new request, and click SUBMIT FOR APPROVAL. Exams can be cloned before or after they have been approved.

### Manage Access

Like with submitting exam requests, you are able to add access for other people to courses 45 days before the start of the semester. Once added, these authorized people (e.g., a teaching assistant, instructional designer, etc.) are able to do the following:

- ADD others to the course, and remove others except for the original course owner.
- EDIT the details of an exam, if they have access to all courses that an exam is scheduled for.
- CLONE an exam, to schedule another with similar details except for the dates.
- CANCEL an exam, if they have access to all courses that an exam is scheduled for.

To add people to a course, follow these steps:

1. Go to your instructor dashboard on <http://dlc-reserve.unl.edu>
2. Click the MANAGE ACCESS button.

The screenshot shows the 'Exam Scheduling' interface. At the top, there's a navigation bar with 'UNL', 'Exam Commons', 'Instructor', and 'Exam Scheduling'. Below that is a red navigation bar with 'EXAM SCHEDULING', 'MY CONTACT INFO', 'HELP', and 'LOG OUT'. The main content area has a header 'Exam Scheduling' and two tabs: 'PAST' and 'UPCOMING'. There are three buttons: 'SCHEDULE EXAM', 'SCHEDULE MAKEUP EXAM', and 'MANAGE ACCESS'. The 'UPCOMING' tab is active, showing 'Upcoming Exams' with the message 'There are no exams scheduled.' and 'Your Courses' with a list of courses: Math 220, Physics 230, and English 210, each with a 'View Details' link.

3. In the “Grant New Access to a Course” section, enter either the person’s MyUNL username OR their NUID.

The screenshot shows the 'Grant New Access to a Course' form. It has a title 'Grant New Access to a Course' and a 'GRANT ACCESS' button. There are three input fields: 'User name: (i.e., Blackboard username)', 'OR NUID', and a dropdown menu for 'Course to add person to' with the selected course 'Math 220 | Spring | Section: 100'.

4. Select the course from the drop-down list for which they need access.
5. Click the GRANT ACCESS button.
6. Click OK when finished. You’ll see the person added to the Members with Access area.

## Student Registrations

Students are able to start signing up for testing timeslots two weeks before the first day of your exam request. DLC-Reserve will send out an automatic notification email at that time to let you students know that they have a new exam to register for. If they don't sign up for a timeslot, DLC-Reserve will continue sending reminder emails until the start of the testing period. These additional reminder emails will go out one week prior to testing, three days prior to testing, and one day prior to testing.

As soon as your students are able to start registering for their timeslots, you will be able to see the list of student registrations on your instructor dashboard. To see this list:

1. Go to your instructor dashboard on <http://dlc-reserve.unl.edu>
2. Click the name of the exam request that you wish to view registrations for.
3. This will take you to a page that will show all of the students who have registered for your exam.

## How to Schedule a Request for a Student Not Currently in a Course

If a student needs to take online exams in the Exam Commons but they are making up exams from a previous semester, there is a way to accommodate this need in our system. The Exam Commons administrator has the ability to internally add students to a roster for one of your current courses in our system (this does not affect their actual Canvas or Registrar course enrollments). Then, once the student is added the instructor is able to create makeup requests for that student (and they will also be automatically included in the roster for class-wide exam requests). Here's an example of the steps to follow to request this:

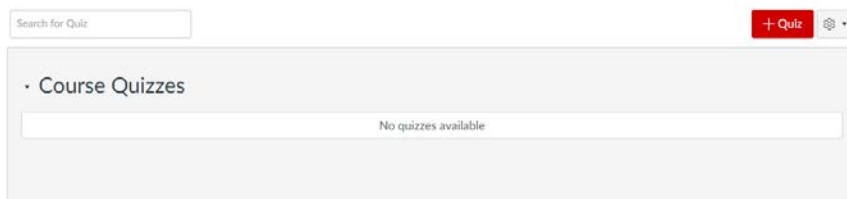
1. Email the student's name, MyRed username, and/or NUID to [examcommons@unl.edu](mailto:examcommons@unl.edu) or to the Exam Commons manager and state that the student needs to test for a past course. In this email, also say if you have a preference for which current course the student should be added to.
2. The Exam Commons manager will add the student to one of your current courses and then confirm with you when this is done.
3. When this is done, the student will be in the DLC-Reserve course roster for the remainder of the semester. You will be able to create makeup exams and class-wide exams that include the student like any other.

## CANVAS QUIZZES

### Creating a Canvas Quiz

Canvas Quizzes are an intuitive and user-friendly choice for online testing. Here's how to get started and create your quiz:

1. Go to your Canvas course.
2. Click "Quizzes" on the left side. This link will be grayed out if there is nothing published here.
3. Click the red "+ Quiz" button in the upper right.



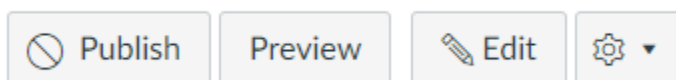
4. Change the quiz title and click "Save" at the bottom to set up the framework of your quiz.

Note: You may work on creating your quizzes after you submit your exams, and you may continue to adjust your quizzes up until the start of testing. The main thing is that your quiz must be ready and published by the first day of testing.

### Create a Question

When you're ready to create a question, click back on the title of your quiz. To start:

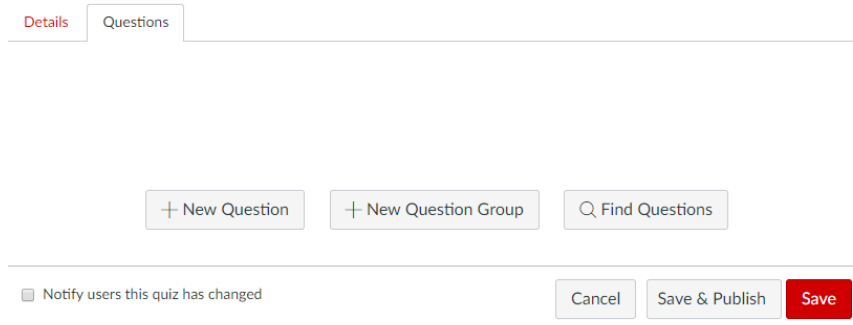
1. Click "Edit" in the upper right.



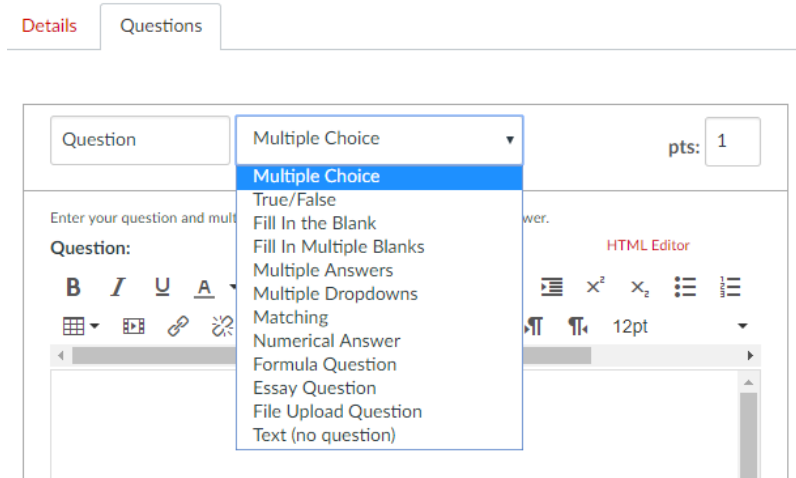
2. Click the "Questions" tab to the right of "Details."



3. Click "+ New Question"



4. Select the question type you wish to create from the drop-down question type menu.

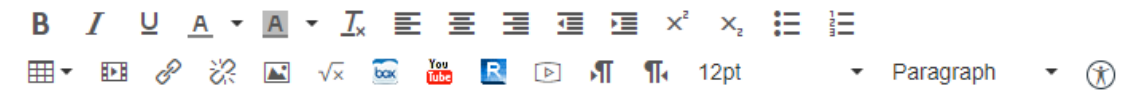


5. Type or copy and paste your question into the question field. You can also embed an image into the question that's in your Canvas account, on Flickr, or on the internet. To do this, click "Embed Image" to bring up an image source page.

Enter your question and multiple answers, then select the one correct answer.

Question:

HTML Editor



Insert / Edit Image x

---

Image Source

URL
  Canvas
  Flickr

---

Attributes

Alt text

Describe the image to improve accessibility

Note: This label can be viewed by students taking the quiz.

Dimensions  x

Aspect ratio will be preserved

Click the red "Update" button when you're done.

6. Enter the correct answer in the "Correct Answer" field, and then enter other possible answers





Note: You can change the answer positions by mousing over a possible answer, hovering over the green arrow, and clicking it. You can select “Shuffle Answers” in the quiz settings (this will be described below in the “Quiz Setting” sections). Use one of these methods to shuffle your answers, otherwise all of your correct answers will be the same answer position as shown.

### Linking Digital Materials into Questions

If you would like, you can link digital materials such as PDFs into your quiz instructions and/or specific questions for your students. Examples of these materials include formula sheets, readings, etc. (make sure that you also included these in the “Approved Materials” section of your exam request as well, or if you didn’t contact the Exam Commons to have them added). You can link to documents by following these steps:

1. Go to the Files link on the left side of your Canvas course.
2. If the file you wish to link isn’t already uploaded into your course, click the red “Upload” button and select the file to upload.
3. The file is now in your course files, and can be easily linked to. Go back to Quizzes and click your quiz title.
4. Click “Edit” and then Questions at the top.
5. Go to the question where you would like to insert the document and click the pencil in its upper right hand corner to edit.
6. Select the words in your sentence that you would like to hyperlink to the file, or select the entire quiz question.
7. Mouse to your right and click “Files,” and then click on the file that you would like to link to.



8. This will turn the hyperlinked text yellow for a couple of seconds, and then when you hover over the text you can see that it’s linked.
9. Make sure to hit “Update Question” and then “Save” at the bottom when you’re done.

### Question Banks

As you create questions, Canvas will automatically put them into a course-wide question bank titled “Unfiled Questions.” I recommend organizing your questions into the proper banks from the start, rather

than having to go back and separate questions out when you're done (this also allows you to easily pull them into randomized question groups in the next step). So, before you begin creating too many questions, plan out how you would like to organize similar content areas into banks. To manage your question banks, do this:

1. Go to the "Questions" tab of your quiz and click "Find Questions"

2. Click "View Course Question Banks"

3. Here you can create a new question bank by clicking "Add Question Bank" on the top right hand corner.

## Course Question Banks

**Unfiled Questions**  
4 Questions  
Last Updated: Jan 25 at 2:42pm















+ Add Question Bank

View Bookmarked Banks

4. Click any of the created Question Banks to edit or manage their content or "Unfiled Questions" to manage all questions for the course.

## Course Question Banks


<p><b>Essay Questions</b></p> <p>No Questions Last Updated: Jan 25 at 2:58pm</p>	  
<p><b>True False Questions</b></p> <p>No Questions Last Updated: Jan 25 at 2:58pm</p>	  
<p><b>Multiple Choice Questions</b></p> <p>No Questions Last Updated: Jan 25 at 2:58pm</p>	  
<p><b>Unfiled Questions</b></p> <p>4 Questions Last Updated: Jan 25 at 2:42pm</p>	  

+ Add Question Bank


View Bookmarked Banks


5. On the right side, you'll see several options.

+ Add a Question


 Edit Bank Details

→ Move Multiple Questions

 Delete Bank

 Bookmark this Bank

**Aligned Outcomes**

 Align Outcome

- “Edit Bank Details” will let you rename your bank
- “Add a Question” will let you create questions directly in the bank so that they're in the right place from the time they're created
- “Move Multiple Questions” to move them to different banks.

Note: If you make an edit to a question that is already on your quiz it will update on the quiz, but the question will NOT update in the bank. Also, a question that is updated in the unfiled question bank will NOT update on the quiz, unless questions are being pulled from a question group (see below).

### Question Groups

Once your question banks are set up, here is how you can set up question groups that select randomized questions for students:

1. Go to the “Questions” tab of your quiz and click “New Question Group”

---

Details Questions

---

+ New Question + New Question Group Find Questions

---

Notify users this quiz has changed Cancel Save & Publish Save

---

2. Type in a group name, such as “Multiple Choice Questions,” and click “Link to a Question Bank”

Multiple Choice Questions

Link to a Question Bank

Cancel Create Group

3. Click the question bank that you would like questions to be pulled from and click “Select Bank”

### Find Question Bank ×

[View Course Question Banks](#)

Select a question bank from the list below to link it to the this quiz as a question group.

**Essay Questions**  
rtimm7 Sandbox 1, 0 questions

**Multiple Choice Questions**  
rtimm7 Sandbox 1, 0 questions

**True False Questions**  
rtimm7 Sandbox 1, 0 questions

---

**Unfiled Questions**  
rtimm7 Sandbox 1, 2 questions

---

Select Bank Cancel

4. Fill out the “Pick x questions, x pts per question” section with how many questions you would like to be picked and their point value.

5. Click "Create Group"

6. Information about the group will display, and you will now be able to access a link to the question bank that is being pulled from for the group in the description.

## Preview Your Quiz

It's easy to preview your quiz in Canvas to make sure you're on the right track. Here's how to do it:

1. Go back to the Quizzes link on the left side and click on your quiz title
2. This will pull up a settings summary page, and will have a red "Preview" button at the bottom.
3. Click "Preview."

## Quiz Settings

Canvas defaults to some of the settings that you need for your quiz, but there are others that need to be adjusted. To change your settings, go back to the Quizzes link on the left side and click on your quiz title. Click edit. There are three main settings sections here:

## Quiz Instructions

Details

Questions

Quiz 1

Quiz Instructions: HTML Editor

**B** *I* U A **A** *I*<sub>x</sub>  $x^2$   $x_2$  12pt Paragraph

p ⌵

Quiz Type

Graded Quiz ▼

Assignment Group

Assignments ▼

This section has the quiz instructions, quiz type, and assignment group.

- Include in the instructions any information about the quiz that the students will need. This is also a good place to insert links for digital materials that students will need to access during testing (e.g. formula sheets, readings, etc. – make sure to include this in the “Approved Materials” section of your exam request as well). This process is detailed above in the “Linking Digital Materials” section.
- Make sure to leave the quiz on the default for quiz type, “Graded Quiz” so that it is recorded in the gradebook as such.
- You can also leave the default setting for “Assignment Group”

## Quiz Options

**Options** Shuffle Answers Time Limit  Minutes Allow Multiple Attempts Let Students See Their Quiz Responses (Incorrect Questions Will Be Marked in Student Feedback) Only Once After Each Attempt Let Students See The Correct AnswersShow Correct Answers at Hide Correct Answers at  Show one question at a time

There are a few important settings in this section. Here's a walk-through of what each setting does:

- Shuffle Answers – This option shuffles all possible answers in displayed questions. It does not randomize the questions themselves, though; randomization must be set up manually through question groups and banks.
- Time Limit – The maximum amount of time for exams in the Exam Commons is 120 minutes. Make sure that the amount of time you enter here matches the amount of time on your exam request.
- Allow Multiple Attempts – This setting pulls up a larger menu when you click it, including selections for which quiz score to keep and for how many attempts are allowed. Make sure that your number of attempts also matches the number of attempts you listed on DLC-Reserve. The number of attempts on the DLC-Reserve site dictates the number of attempts students can sign-up for.
  - Note: Canvas does not currently have a way to only allow one attempt per day, so occasionally students with multiple attempt quizzes will accidentally start their next attempt after completing one.
    - If this happens, the Exam Commons will provide the student with an additional attempt and notify the instructor.
    - Instructors can also add extra attempts for students, and that tutorial will be provided later in this guide.
- Let Students See Their Quiz Responses – This is automatically selected, as well as “Let Students

See The Correct Answers.” If you leave this setting as is, students will be able to see which questions they got right and wrong, and the correct answers (and even at home!). Most instructors do not want to reveal this much exam information, so there are a couple of ways to tighten the restrictions here.

- Selecting “Only Once After Each Attempt” allows students to only see their responses once (and also the correct answers, if you have that selected too). Canvas forces students to view these responses at the end of testing, so they would be required to “use their view” in the Exam Commons. This is the most secure way to allow students to view their results.
- You can also set correct answers to be shown later in the semester after everyone has completed the exam. However, if you have this set, be aware that students would be able to access the results from home during this time frame (future results viewing cannot be set in combination with “Only Once After Each Attempt”).
- Show one question at a time – This is completely up to the preference of you and your students. I often will see this setting deselected, as it seems that many students like to be able to scroll up and down through all questions during testing and instructors understand this.

### Quiz Restrictions

**Quiz Restrictions**

Require an access code


Filter IP Addresses

Assign



**Assign to**

Everyone ×

**Due**



**Available from** **Until**

+ Add

This last section is where you set how and when your students can access your quiz.

- Require an access code – This is where you would set a password for a proctor. Passwords are not used for security in the Exam Commons, so you can leave this field blank for Exam Commons only testing. If some students are testing locally and some are distance students testing with a proctor, you will want to create a copy of this exam and change this setting. Details will be given about this in the “Copy a Quiz” section below.
- Filter IP Addresses – The Exam Commons uses IP filtering for security. “UNL Testing Centers” is the name of the IP group, and this includes IPs in the DLC Exam Commons as well as the SSD Testing Center (located in Canfield). It’s extremely important that you make this selection before publishing your quiz, so that your students cannot access it from home. Here’s how to set up IP



filters:

Require an access code

Filter IP Addresses
 

ex: 192.168.217.1

IP Address Filtering

×

## What are Quiz IP Filters?

Quiz IP filters are a way to limit access to quizzes to computers in a specified IP range. Filters can be a comma-separated list of addresses, or an address followed by a mask ("192.168.217.1", "192.168.217.1/24" or "192.168.217.1/255.255.255.0").

<b>UNL Testing Centers</b>	129.93.26.212/30,129.93.26.216/30,10.164.4.0/24,64.89.188.188
University of Nebraska - Lincoln	

[Click to select this filter](#)

If IP filters are set and a student tries to access a quiz from home, they will receive an error message saying that they cannot access the quiz from their current location. Example:

## Exam 1

This quiz is protected and is only available from certain locations. The computer you are currently using does not appear to be at a valid location for taking this quiz.

- Assign – This section lets you assign the quiz to all or certain students. It's also important to set the Due, Available from, and Until dates and times so that this quiz appears on your students' Canvas calendars. Quizzes should span only entire days of testing (not partial days), and you can access the Exam Commons' hours of operation here so you know which times your quizzes should start and end:
  - <https://dlc-reserve.unl.edu/Home/HoursAndLocation>

## Hiding Quiz Scores from Students

In the above section, we discussed hiding quiz responses and correct answers from students. In Canvas, it's called "muting a quiz" if you want it to hide quiz scores from students. To mute a quiz, follow these steps:

1. Click on the quiz that you would like to mute
2. Click SpeedGrader™ in the right menu

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### Related Items

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 [Quiz Statistics](#)

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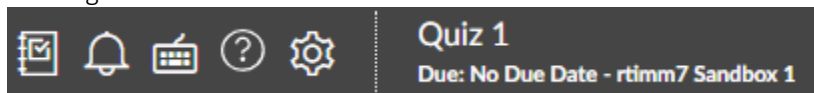
 [Moderate This Quiz](#)

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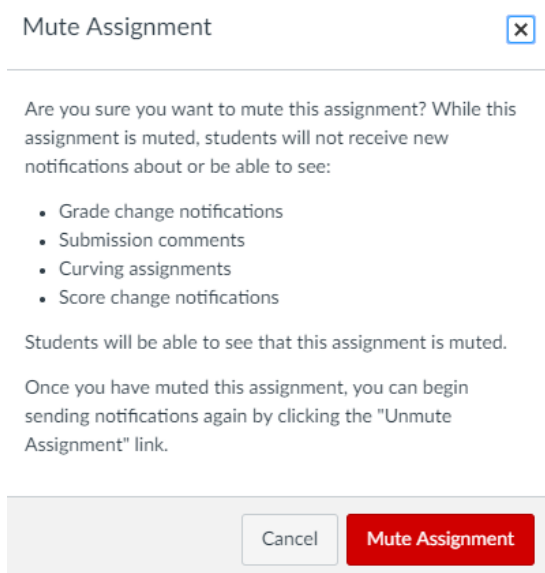
 [SpeedGrader™](#)

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3. Hover over the bell icon on the left side of the top bar. This button allows you to mute/unmute an assignment.



4. Click the bell icon, and Canvas will show you a dialog about what muting will do on the student-side.



5. Click “Mute the Assignment”

If you go to the “Grades” section of your Canvas course, you will now see a crossed out bell in the assignment’s column. You may unmute the assignment at any time.

Note: You will only be able to access the SpeedGrader™ to mute a quiz after it has been published.

## Publish a Quiz

Before you publish a quiz, make sure that you have set IP restrictions. This is a very important step, since students could access quizzes at home if a quiz was published without IP restrictions set. When you’re ready to publish, all you have to do is hover over the crossed circle on the right side of the quiz in Quizzes, and click publish.



Links Files Images

Link to other content in the course. Click any page to insert a link to that page.


- ▶ Pages
- ▶ Assignments
- ▼ Quizzes
  - Exam 1
  - Exam 1
  - Guide Click to insert a link to this item.
  - Guide 2
  - Guide 3
  - iPad Quiz
  - Question Letter Test
  - Test
  - Test
  - Test 4
- ▶ Announcements
- ▶ Discussions
- ▶ Modules
- ▶ Course Navigation

5. Select the Quiz you want to link to
6. The text will flash yellow and then change to red, indicating that it is now hyperlinked.
7. Click “Save” at the bottom.


### Copy a Quiz for a Remote Proctor

If some of your students will test at the Exam Commons and some will test off-campus, you will need to create a copy of the quiz and adjust the settings for remote testing. Naturally, you will want to wait to do this until you’re done fine-tuning your quiz. Here’s how to do this:


1. Go to the “Settings” link on the left-hand side of your course
2. Click “Import Course Content” in the menu on the right

-  Share to Commons


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-  Student View


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-  Course Statistics


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-  Course Calendar


---

-  Conclude this Course


---

-  Delete this Course


---

-  Copy this Course


---

-  [Import Course Content](#)


---

-  Export Course Content

---

-  Reset Course Content

---

-  Validate Links in Content

3. Click the “Content Type” drop-down menu and click “Copy a Canvas Course”

## Import Content

Content Type

Select One ▼

Select One

**Copy a Canvas Course**

Canvas Course Export Package

Unzip .zip file into folder

Angel export .zip format

Blackboard 6/7/8/9 export .zip file

Blackboard Vista/CE, WebCT 6+ Course

Common Cartridge 1.x Package

D2L export .zip format

Moodle 1.9/2.x

QTI .zip file

Current Jobs

4. Type the name of your course (i.e. AHIS101) into the search for a course field, and then click your current section

Search for a course

**Content**

CAVE PAINT TO CATHDRLS AHIS101 SEC 001 FALL 2016  
*Fall 2016*

CAVE PAINT TO CATHDRLS AHIS101 SEC 001 FALL 2017  
*Fall 2017*

**Options**

CAVE PAINT TO CATHDRLS AHIS101 SEC 001 SPRING 2017  
*Spring 2017*

CAVE PAINT TO CATHDRLS AHIS101 SEC 001 SPRING 2018  
*Spring 2018*

CAVE PAINT TO CATHDRLS AHIS101 SEC 003 FALL 2016  
*Fall 2016*

5. Click "Select specific content" button in the "Content" section

**Content**  All content  
 Select specific content

6. Click "Import"

7. In the "Current Jobs" list, click the red "Select Content" button

Jan 25 at 4:23pm

Waiting for Selection

Select Content

8. Click the right arrow next to "Quizzes," and click the checkbox next to the quiz you wish to copy

Select Content

x

Course Settings

Syllabus Body

→  Assignments (1)

⇒  Quizzes (1)

→  Question Banks (4)

→  Files (2)

## Select Content



Course Settings

Syllabus Body

→  Assignments (1)

↓  Quizzes (1)

Quiz 1

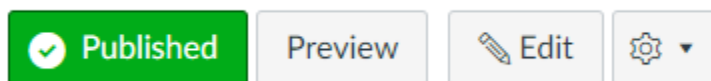
→  Question Banks (4)

→  Files (2)

9. Click “Select Content”

After this, the quiz will briefly display as “Queued” in the Current Jobs list, and then it will say “Completed” after it’s finished being copied. Now, you can adjust the settings on the quiz copy for your distance students. Here are those instructions:

1. Navigate back to your Quizzes folder to find a copy with the same title
2. Click the copied quiz and click edit



3. Change the title to something that makes this recognizable as the distance version, such as “Quiz 1 Distance”
4. Deselect “Filter IP Addresses”
5. Check “Require an access code” to create a password (remember that this password must be communicated to your distance proctors!)

## Quiz Restrictions

Require an access code

Filter IP Addresses

6. This step is optional, but if you want you can assign this version of the test to certain students so that only your distance students see this version of the exam. However, this isn’t truly necessary because only one version of the exam will work depending on where a student is taking it from.

**Assign to**

Noah Svec × Rachel Timm × Elizabeth McClurg ×

**Due**

📅

**Available from** **Until**

📅

📅

+ Add

7. Hit "Save" when you're done.
8. You may also want to change the title of the other exam to something that makes it recognizable as the local version to be taken at UNL.

▼ Assignment Quizzes

	<b>Quiz 1 Distance Students</b> <small>18 pts   10 Questions</small>	<span style="color: green;">✔</span> <span>⚙️</span> <span>▼</span>
	<b>Quiz 1 Local Students</b> <small>18 pts   10 Questions</small>	<span style="color: green;">✔</span> <span>⚙️</span> <span>▼</span>

Remember, you do not need to make a copy for students using the SSD Testing Center. The "UNL Testing Centers" filter includes IP addresses at both the DLC and SSD testing centers.

### Adding Extra Time for Students with Accommodations

If you have a student who is registered with the SSD office as having an additional time accommodation, you must pre-set their extra time in Canvas. If you are using Maple T.A. for your exams the extra time will be added on site by staff in the DLC or SSD testing centers, but it must be added in advance for Canvas quizzes. Here's how to do it:

1. Go to your Canvas course.
2. Click the title of the exam which you would like to extend time for a particular student
3. Click "Moderate this Quiz" in the upper-right hand corner

#### Related Items

**Moderate This Quiz**

**SpeedGrader™**



4. This will take you to a screen with a list of your students, and you can click the edit icon to the right of the student to whom you would like to give extra time.
5. On the dialog that pops up, just type in the amount of extra time they should receive for every attempt, and hit save.

**Student Extensions** ✕

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**Extensions for**

**Extra Attempts:**  attempts  
everyone already gets 1

**Extra time on every attempt:**  minutes  
everyone already gets 75 minutes

Let the student see the results one more time

Manually unlock the quiz for the next attempt

Note: This will need to be done for every individual quiz or exam that this student will be taking, and cannot be applied globally to a student's account.

### Giving a Student an Additional Attempt

Additional attempts may be added in the same "Moderate This Quiz" section where extra time is added (see the previous section). Situations where an extra attempt may be needed could include if a student encountered unexpected technical difficulties on their first exam attempt, or if a student taking a multiple attempt quiz accidentally click on and began their next attempt immediately after the first.

### Extending Exams for Some or All Students

#### For Some Students

- Schedule a makeup request on <http://dlc-reserve.unl.edu>
- Extend the quiz dates through the last day of the makeup request in Canvas so that it's available when the student(s) come in to test
- If the student has already used their attempt and will be getting a "redo," add an additional attempt for them in the "Moderate This Quiz" section of Canvas
- If the student has not used their attempt (this is more common, as makeups are typically requested for students who have had trouble finding a time to come to the Exam Commons and test), no further action is required.

## For All Students

- Contact the Exam Commons Manager to add additional days to your original exam request
  - As soon as this is done, students will be able to see and sign up for times on the newly added days
- Extend the quiz dates through the last day of testing in Canvas so that it's available when the students come in to test

## Quiz Statistics

After students have started taking your quiz, a new link option will appear. You will now be able to access detailed Quiz Statistics about your quiz! To see this, follow these steps:

1. Click on your quiz title in Quizzes
2. In the "Related Items" menu on the right, click "Quiz Statistics"

### Related Items

 [Quiz Statistics](#)


 [Moderate This Quiz](#)

 [SpeedGrader™](#)

3. This will show a summary page that includes the average, high, and low scores, standard deviation and average time of your exam. You can also download Student Analysis and Item Analysis documents, filter by section, and see a thorough question breakdown when you scroll down past the score graph.

### Quiz Summary

Section Filter ▾

 Student Analysis

 Item Analysis

⌄ Average Score

**83%**

⌄ High Score

**100%**

⌄ Low Score

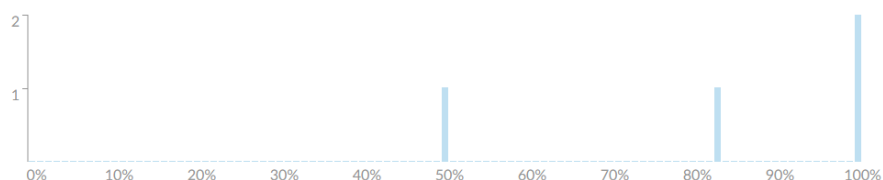
**50%**

⌄ Standard Deviation

**3.67**

⌄ Average Time

**01:13**



Note: Not only can this information be used for improving your quiz questions, but you can also use the average testing time data to consider adjusting your testing time. For example, on multiple choice exams many students have very short average testing time spans compared to the maximum allowed time. Shortening this time helps the Exam Commons to maximize scheduling within its space, allowing more instructors the chance to schedule online exams in the facility.

## MAPLE T.A. ASSIGNMENTS

### For More Information

Please visit the following link for more information about creating Maple T.A. assignments:

[http://scimath.unl.edu/wba/instructorresources\\_home.php](http://scimath.unl.edu/wba/instructorresources_home.php)