



ULearning User Guide

Teacher Version

August, 2020



Table of Contents

GUIDE INTRODUCTION	5
<i>Overview</i>	5
LMS BASICS	6
<i>ULearning Terminology</i>	6
<i>Quick Start Checklist for Teaching with ULearning</i>	10
LOGIN	12
<i>Log in ULearning</i>	12
PREPARING COURSE	14
<i>Creating a New Course</i>	14
<i>Creating Courseware</i>	16
<i>Creating Rich Text Content</i>	23
<i>Embedding a YouTube Video</i>	24
<i>Inserting a Video (from your computer) into Page</i>	28
<i>Saving Courseware</i>	31
<i>Previewing Courseware</i>	32
<i>Publishing Courseware</i>	33
<i>Inserting Courseware into Course</i>	36
CLASSES/MEMBERS	39
<i>Creating Classes</i>	39
<i>Adding Students to Class</i>	42
<i>Viewing Class Roster</i>	44
<i>Adding Teacher to Course</i>	46
<i>Assigning Teacher to Class</i>	48
ANNOUNCEMENTS	51
<i>Creating Announcement</i>	51
RESOURCES	56
<i>Adding Resource (from your computer)</i>	56
<i>Creating Micro Course</i>	60
<i>Publishing Micro Course</i>	68
ASSIGNMENTS	70
<i>Creating and Publishing Individual Assignment</i>	70
<i>Creating Questions</i>	74
<i>Creating and Publishing Quiz</i>	83
DISCUSSIONS	90
<i>Creating Discussions</i>	90
EXAMS	95
<i>Creating Exam in Exam Bank</i>	95
<i>Creating Course Exam – Pre-defined Exam</i>	103
<i>Grading Course Exam</i>	108
GRADES	114
<i>Setting Grading Rules</i>	114

ANALYTICS	124
<i>Viewing Course Analytics</i>	124

Guide Introduction

Overview

This is a quick-start user guide for teachers. The aim of this guide is to give the ULearning teacher users the necessary knowledge and skills to use ULearning LMS. By following the steps in this guide, you can quick start your journey to perform the most common LMS tasks as a teacher.

This guide is organized around the necessary tasks you will perform, step by step accompanied by ULearning platform screenshots.

The screenshot shows the ULearning Teacher dashboard. At the top, there's a header bar with icons for Cast Screen, Resources, Question Bank, Exam Bank, and a language switcher (EN). Below the header is a banner with the text "ULearning Test Teacher 1 Teacher, welcome" and "Online duration for this week: 50:12:16". A "Switch to Student View" button is also present. The main area displays a grid of course thumbnails. Each thumbnail includes a preview image, the course name, and student counts for Class and Student. Navigation links like "Course Status" (In progress), "Calendar", "Search course", and a "Create Course" button are visible at the top of the grid area.

Thumbnail	Course Name	Class: #	Student: #
	cs106a Programming Methodology	2	7
	bbb	1	0
	Test200715	1	0
	ULearning Translation - Testing 01	1	0
	teadadg	1	0
	123123	1	1
	ULearning Course Template 1	3	9
	test200616	1	3
	dfadg	2	0
	ULearning Baiscs Guide	3	9

LMS Basics

ULearning Terminology

Terminology	Description
Announcements	<p>Announcements is a communication tool that allows teachers to post announcements for all students in a course. Announcements can be published to a courses or selected class(es) within a course. ULearning super admins can also make announcements for the entire ULearning platform.</p> <p>Announcements is a link in Course Navigation.</p>
Assignments	<p>An assignment is an assessment activity that is created by the teacher. Assignments can include Individual Assignments, Group Assignments, and Quizzes.</p> <p>Assignments can be assigned to everyone in the course or differentiated by class.</p> <p>Assignments is a link in Course Navigation. The Assignments page lists all assignment types in a course.</p>
Calendar	<p>The Calendar is a communication tool that shows users all events and assignments in their courses.</p> <p>The Calendar is a link in the teacher's homepage.</p>
Classes	<p>Classes are divisions of students within a course. All course classes view the same course content, but learning plans can be differentiated.</p> <p>For example, CS106A Programming Methodology is an introductory computer science course. It's very popular course with 100+ enrollments each semester. For fall semester (term) 2020, the department is going to have three classes (or you can call it offerings or sections) for it: one class is Mondays and Wednesdays 9am – 11am; another one is Tuesdays and Thursdays 1pm – 3pm; the third one is Fridays 6pm – 9pm for continuing education students.</p>
Courses	<p>Courses are units of instruction in one subject that typically last one semester. Courses can be created by course admins or teachers.</p> <p>A course can have just one class or multiple classes (sections/offering).</p>
Courseware	<p>Courseware is a digital learning object created by the teacher. It is structured in five layers: courseware, module, topic, page, and page elements (text, images, video, audio, plugin, test questions, etc.).</p> <p>It can also contain its own resources and quiz/test/practice questions. It can be used standalone. But it is commonly included into a course as the course learning content.</p>

	<p>All classes in the same course use the same courseware, but learning plans can be set differently.</p> <p>Courseware is a link in Course Navigation</p>
Courseware Status	Courseware Status refers to the state of a ULearning courseware. All new ULearning courseware begin in an unpublished state, A published state means the courseware is available to users.
Course Home Page	The Course Home Page is the first page that teachers see in a course. The Course Home Page is set as the course announcement page.
Course Navigation	Course Navigation is a menu on the left side of a ULearning course. Course Navigation consists of navigation links directed to all the feature areas within a course.
Discussions	<p>Discussions is a forum designed to facilitate informal communication between students in a course.</p> <p>Discussions can be assigned to everyone in the course or differentiated by class.</p> <p>Discussions is a link in Course Navigation. The Discussions page lists all discussions in a course.</p>
Grades	<p>Grades are a measurement of student performance. Teachers can set up grading rules and view students' grades on this page.</p> <p>Grades is a link in Course Navigation</p>
Groups	Groups is a tool that helps teachers separate students into smaller course units. Groups can be created for students to enable efficient collaboration.
Math Editor	The Math Editor is a Latex-compatible toolbar in the Rich Content Editor that makes it easy for teachers to write math expressions and equations. Teachers and students can use the Math Editor when creating and taking assignments/quizzes/exams.
Members	<p>Members is the place where the teacher manages the classes, students, and teaching team members.</p> <p>Members is a link in Course Navigation.</p>
Rich Content Editor	The Rich Content Editor (RCE) is a word processor that supports teachers to create and format content within specific ULearning areas.

Role	A role describes the permissions granted to a given user in a given context (course and account). ULearning includes both course-level and account-level roles; the base role types are Student, Teacher Assistant (TA), Teacher, Admin, and Super Admin.
Student View	Student View is a tool used by teachers to see how their course appears to students. Activating Student View generates a Test Student that appears in a ULearning course.
Semester/Term	A Semester/Term is a period of time assigned to academic instruction. In ULearning, course dates generally align with term dates, though course dates can extend beyond or be shorter than default term dates.
Exams	Exams (plural noun) in ULearning is more like a shell or container with the label “Exams” to hold all exam-related stuff in one place. Exams displays all course exams in a course and various exam-related actions the teacher can perform. Exams is a link in Course Navigation.
Exam	Exam (singular noun) is an assessment object created by a teacher and ready to be inserted into a class exam. It is comprised by exam questions. Like courseware, it is reusable and shareable.
Exam Question	An exam question is a test question. ULearning has 13 types of exam questions: <ul style="list-style-type: none"> • Multiple Choice • Multiple Response • True/False • Fill in the Blank • Short Answer • Calculated Formula • Sequence • Word Bank • Multiple Drop-down • Cloze Test • Language - Read Aloud • Language - Oral • Combination

Question Bank	Question Bank is a library containing test questions you can add to your exams, quizzes, and practice in seconds.
Exam Bank	Exam Bank is a library containing predefined and ready-use exam objects you can add to your class exams in seconds.
Class Exam	<p>A Class Exam uses either exams from Exam Bank (predefined and ready-use exam objects) or randomly-generated exams directly from Question Bank (random/instant exam objects) to measure a test-taker's knowledge, skill, aptitude, etc.</p> <p>The relation between Class Exam and Exam is similar to the relationship between Course and Courseware.</p> <p>Class exams can be assigned to everyone in the course or differentiated by class or student.</p>
Question Editor	<p>It is ULearning's proprietary authoring tool to create exam questions.</p> <p>When you click the Add Question button in ULearning Platform, you are just launching Question Editor.</p>
U-Author	<p>It is ULearning's proprietary authoring tool to create courseware.</p> <p>When you click the Create/Edit Courseware button in ULearning Platform, you are just launching U-Author.</p>
Micro Course Editor	<p>It is ULearning's proprietary authoring tool to create micro courses.</p> <p>When you click the Record Micro-course button in ULearning Platform, you are just launching Micro Course Editor.</p>
Video Editor	<p>It is ULearning's proprietary editing tool to edit videos in courseware.</p> <p>When you click the Edit button in a video you inserted into a ULearning courseware, you are just launching Video Editor.</p>

Quick Start Checklist for Teaching with ULearning

This checklist provides a high-level overview of steps to take as you continue to transition from face-to-face to online learning with ULearning. Unfortunately, there is no magic wand to automatically convert your face-to-face course to online, but we want to help you get started with these easy-to-follow steps.

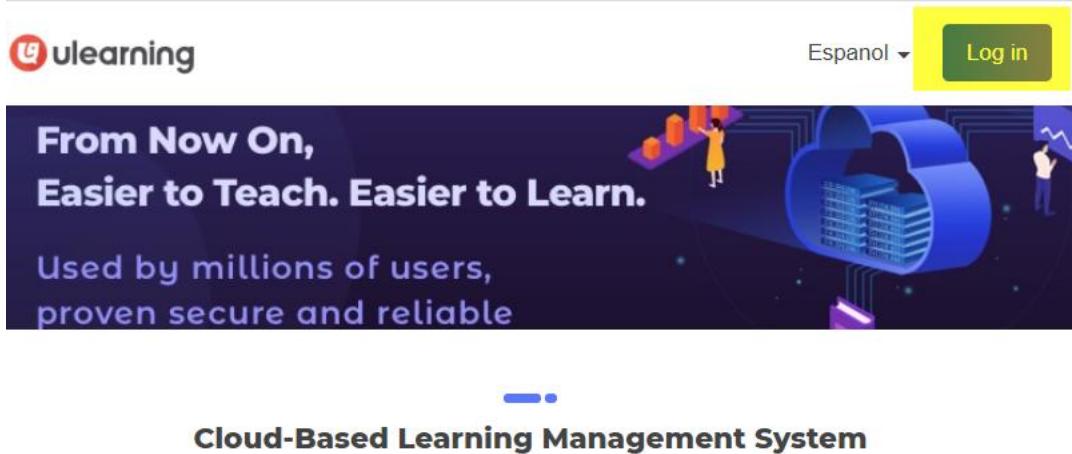
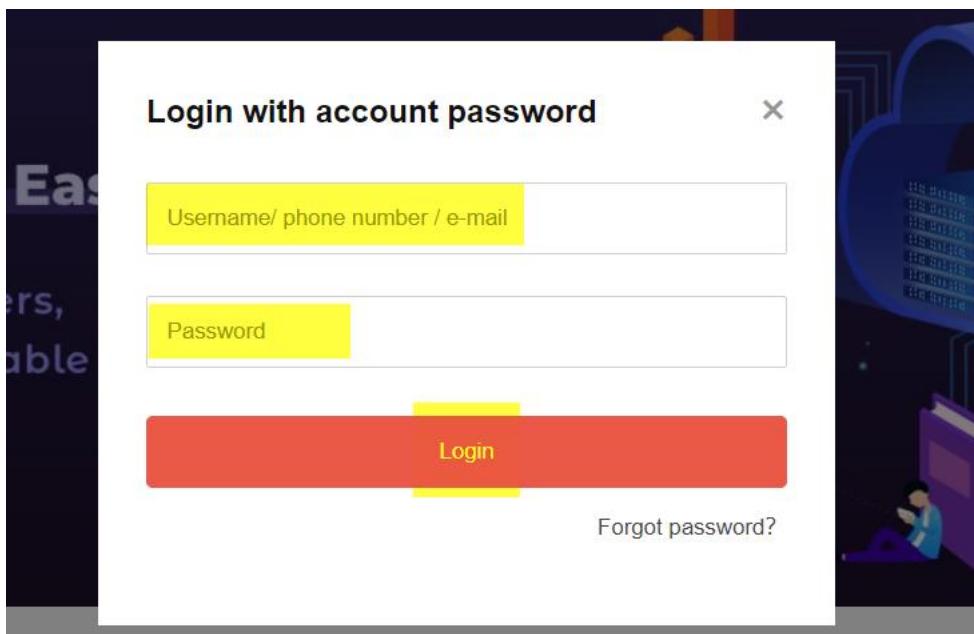
After you get familiar with these basic steps, you can put your creativity into full play and explore a full range of possibilities with ULearning.

Steps/Tasks	Notes
LMS Log in	First things first: Platform URL, your username and password
Course Setup	Before course starts
- Create course	- As a new user to use ULearning, this is your starting point
- Create class	- When you're creating a new course, a default class will also be created for your course. - You can create more class(es) as desired
- Enroll students	- This is usually handled by your school's administrative stuff - But sometimes, you need to do it, too
- Add teacher to course	A course can be co-taught or co-managed by multiple teachers.
- Assign teacher to class	A class can be co-taught by multiple teachers in different roles: - Course admin - Teacher - TA (Teaching Assistant)
Courseware Setup	Usually before course starts, but you can also create and add more courseware to course after course starts
- Author courseware	- Reusable and sharable digital learning content in HTML format - Authored by using ULearning proprietary authoring tool: U-Author - Structured 5 layers: Courseware, Module, Topic, Page, and Content Elements (text, images, videos, practice questions, etc.) - It could be authored by somebody else and then shared with you - It can also be co-authored by a team
- Preview courseware	View the digital learning content in editing as you were a student
- Publish courseware	Make it available to students. Before it is published, only you can see it
- Insert courseware into course	- A courseware itself can be consumed standalone - But most commonly, it is used with a course and could be reused by many courses and over the time again and again
Teaching/Learning Activities and Resources	Various teaching/learning activities and events happened after course starts, including extra learning resources added to course.
- Announcements <ul style="list-style-type: none">o Creating/Publishing announcement	- You can use announcements to do many things creatively - You can differentiate announcements by class
- Resources	- Extra learning resources other than courseware

<ul style="list-style-type: none"> ○ Adding resource ○ Creating micro course 	<ul style="list-style-type: none"> - Many different formats: images, videos, audios, documents, links, ULearning pages, etc. - You can convert PPT/PDF and image into micro course with ULearning built-in and easy-use micro-course authoring tool
<ul style="list-style-type: none"> - Assignments <ul style="list-style-type: none"> ○ Creating assignment ○ Publishing assignment ○ Grading assignment 	<ul style="list-style-type: none"> - Three types of assignments: Individual, group, and quiz - Creating quiz for the first time <ul style="list-style-type: none"> ○ Creating questions and adding them to Question Bank ○ Creating quiz ○ Inserting questions from Question Bank to quiz - Both graded and ungraded (by assigning 0 points) - You can differentiate announcements by class
<ul style="list-style-type: none"> - Discussions <ul style="list-style-type: none"> ○ Creating/Publishing discussion ○ Grading discussion ○ Replying discussion 	<ul style="list-style-type: none"> - You can use discussions to do many things creatively - You can differentiate discussions by class - You can manually overweight the scores assigned by the system based on the scoring rules you set up
Assessments & Evaluations	After course starts and even after course ends
<ul style="list-style-type: none"> - Exams <ul style="list-style-type: none"> ○ Creating exam question ○ Creating exam ○ Creating class exam and sessions ○ Grading class exam 	<ul style="list-style-type: none"> - Two types of Class Exams <ul style="list-style-type: none"> ○ Class exams using pre-defined exam(s) ○ Class exams using a randomly generated exam by directly drawing questions from Question Bank based on the drawing rule you defined. - Exam events happens after course starts, but preparing it can happen far before course starts - You can differentiate discussions by class and students
<ul style="list-style-type: none"> - Grades <ul style="list-style-type: none"> ○ Setting grading rules ○ Viewing grades ○ Exporting grades 	<ul style="list-style-type: none"> - Theoretically, you can set the grading rules toward the end of the course. But in reality, you should set the grading rules as early as possible (even before course starts) so that students have a clear of understanding the expectations and how the course will be evaluated - You can differentiate grading rules by class
Data and Analysis	
<ul style="list-style-type: none"> - Analytics <ul style="list-style-type: none"> ○ Viewing data ○ Interpreting data 	<ul style="list-style-type: none"> - Continuously keeping eyes on course data as course goes - Finding trends and identifying problems - Being ready to make changes

Login

Log in ULearning

Step	Action
1	<p>Click the Log in button.</p>  A screenshot of the ULearning login page. At the top right, there is a green "Log in" button with a yellow glow effect. To its left is a dropdown menu labeled "Espanol". The main heading on the page is "From Now On, Easier to Teach. Easier to Learn." Below it, text reads "Used by millions of users, proven secure and reliable". At the bottom, it says "Cloud-Based Learning Management System". <p>From Now On, Easier to Teach. Easier to Learn.</p> <p>Used by millions of users, proven secure and reliable</p> <p>Cloud-Based Learning Management System</p>
2	<p>Enter your Username/Password and then click the Login button.</p>  A screenshot of a "Login with account password" modal window. It contains two input fields: "Username/ phone number / e-mail" and "Password", both highlighted with a yellow glow effect. Below them is a large red "Login" button with a yellow glow effect. At the bottom right of the modal, there is a link "Forgot password?". <p>Login with account password</p> <p>Username/ phone number / e-mail</p> <p>Password</p> <p>Login</p> <p>Forgot password?</p>

It opens your homepage (**Course List**) and you are logged in.

3

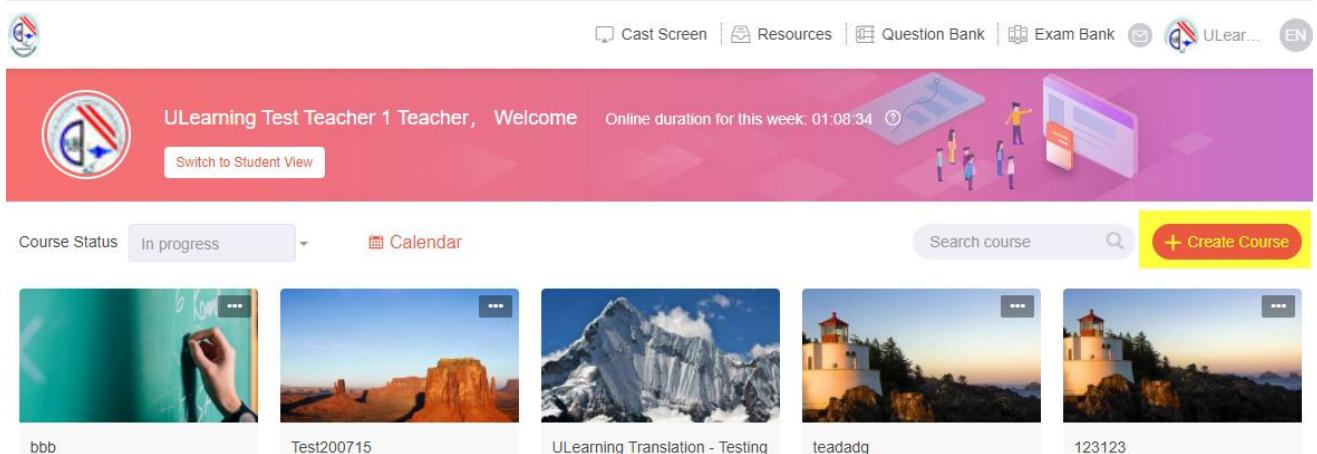
The screenshot shows the ULearning Course List homepage. At the top, there is a header bar with a logo, navigation links for 'Cast Screen', 'Resources', 'Question Bank', 'Exam Bank', and language selection ('EN'), and a search icon. Below the header, a banner displays 'ULearning Test Teacher 1 Teacher, Welcome' and 'Online duration for this week: 01:08:34'. A 'Switch to Student View' button is also present. The main content area is titled 'Course Status' with a dropdown showing 'In progress'. It features a grid of course cards. Each card includes a thumbnail image, the course name, and student information. The courses listed are:

Course Name	Class	Students
bbb	Class:1	Student:0
Test200715	Class:1	Student:0
ULearning Translation - Testing 01	Class:1	Student:0
teadadg	Class:1	Student:0
123123	Class:1	Student:1
ULearning Course Template 1	Class:3	Student:9
test200616	Class:1	Student:3
dfadg	Class:2	Student:0
ULearning Baiscs Guide	Class:3	Student:9

At the bottom of the page, there are navigation buttons for page 1, a jump input field, and a 'Jump' button.

Preparing Course

Creating a New Course

Step	Action
1	<p>Click the Create Course button.</p> 
2	<ul style="list-style-type: none">Enter the Course Name.Select a Course Cover for your course.Then, click the Create button.

Switch to Student View

Course Name
cs106a Programming Methodology

Course Cover

Upload Image
800px*450px

Tips: For courses co-taught or co-managed, only one course needs to be created. Other teachers can be added after the course is created.

Create Cancel

- The newly created course is listed as the first one in your **Course List**.

Cast Screen Resources Question Bank Exam Bank ULearn... EN

ULearning Test Teacher 1 Teacher, Welcome Online duration for this week: 01:08:34

Switch to Student View

Course Status In progress Calendar Search course + Create Course

cs106a Programming Methodology Class:1 Student:0	bbb Class:1 Student:0	Test200715 Class:1 Student:0	ULearning Translation - Testing 01 Class:1 Student:0	teadadg Class:1 Student:0
---	--------------------------	---------------------------------	---	------------------------------

- 3 Click the newly created **Course** and it opens the course homepage.

Course announcements can be posted here. The teachers assigned as the course admin role can make announcements for all classes under this course. Teachers or TAs (teaching assistants) can only make announcements for the class they are teaching.

Course Announcements Total 0 Found

Create Announcement

No announcements found



Note

User Notes

- You may need to follow your school's course naming policy to give a name for your course.



Tip

Helpful Tips

- You can upload your own image as the course cover.
- Make sure the mage is sized as 800px * 450px.

Creating Courseware

Step	Action
1	Click the Courseware tab.

cs106a Programming Methodology

The screenshot shows the course announcements section of the ULearning platform. On the left, there is a sidebar with icons for Announcements, Courseware (which is highlighted in yellow), Resources, Assignments, Discussions, Classroom, Exams, Grades, Analytics, Members, and Settings. Below the sidebar is a QR code with the text "Scan the code to download the 'ULearning 2.0' APP". The main content area has a pink header bar with the text "Announcements" and a small icon of a person with glasses. Below the header, it says "Course Announcements Total 0 Found" and features a button labeled "Create Announcement". To the right of the text is a cartoon illustration of a person standing next to a large book. At the bottom of the main content area, it says "No announcements found".

Click the **Edit/Create Course** link.

2

cs106a Programming Methodology

The screenshot shows the courseware list screen for the same course. The sidebar on the left includes icons for Announcements, Courseware (highlighted in red), Resources, and Assignments. The main content area has a pink header bar with the text "Courseware" and a small icon of books. Below the header, it says "Course admin can import and edit courseware. For paid textbook / courses, students need to pay and activate the course to start learning. All classes in the same course use the same courseware, but learning plans can be set differently." There are three buttons at the bottom: "Edit/Create Courseware" (highlighted in yellow), "Import My Courseware", and "Import Library Courseware". To the right of the text is a cartoon illustration of two books.

3 From your Courseware List screen, click the **Create Courseware** button

The screenshot shows a web-based courseware management system. At the top, there's a header with a lock icon, the URL 'ua.ulearning.pro/createCourse/#/main/courseList/editing', and user information 'Hello, ULearning+Test+Teacher+1'. Below the header is a search bar with the text 'ulearning' and a magnifying glass icon. To the right of the search bar are buttons for 'Create Courseware' (highlighted with a yellow box) and other account-related options.

The main area displays a table of courseware items:

Name	Creator	Created Date	Last Updated	Status	Actions
ULearning Basics Guide	ULearning Test Teacher 1	2020-06-09	2020-08-14 07:51	Published	<button>Open</button>
ULearning Basics Guide_副本	ULearning Test Teacher 1	2020-06-09	2020-06-09 15:47	Unpublished	<button>Open</button>
How to Create a ULearning Courseware?	ULearning Test Teacher 1	2020-06-09	2020-06-09 02:42	Unpublished	<button>Open</button>

At the bottom of the table area are navigation buttons: a red-bordered '1' button, an empty button, and a red 'Jump' button.

- Enter the **Courseware Name**.
- Then, click the **Create Courseware** button.

4

The dialog box has a title bar 'Created' and a close button 'X'. The main area contains a text input field with the placeholder 'Click to enter the courseware name'. Below the input field is a red 'Create Courseware' button.

- 5
- To Quickly create the content outline, just use the actual module, topic, and page titles to replace the placeholders and keep "#" signs intact.

The screenshot shows the ULearning course creation interface. On the left is a sidebar with the following options:

- Content Modules
- Resources
- Exercise Questions
- Courseware Settings
- Courseware Information
- Courseware Team
- Display Settings

The main content area has a title "Quick way to create chapter outline" and instructions: "Quickly create the content outline below: use the actual module, topic, and page titles to replace the placeholders and keep "#" signs intact." Below this is a text box containing the following placeholder text, which is highlighted with yellow boxes:

```

#New Module
##New Topic
###Page 1
###Page 2
#New Module
##New Topic
###Page 1
###Page 2

```

At the bottom of the main area are two buttons: a red "Create" button and a link "Skip this step -> [Edit Content](#)".

- Here is an example:

Template placeholders	Example of actual module, topic, and page titles
#New Module ##New Topic ###Page 1 ###Page 2 #New Module ##New Topic ###Page 1 ###Page 2	#Lecture 1 ##Topic 1: Karel Program ###An Algorithm vs Program ###Syntax of a Karel Program # Lecture 2 ## Topic 1: Karel and Java ### Common Errors ### Decomposition

6

Click the **Create** button.

Quick way to create chapter outline

Quickly create the content outline below: use the actual module, topic, and page titles to replace the placeholders and keep "#" signs intact.

```
#Lecture 1  
##Topic 1: Karel Program  
###An Algorithm vs Program  
###Syntax of a Karel Program  
# Lecture 2  
## Topic 1: Karel and Java  
### Common Errors  
### Decomposition  
|
```

Create

Skip this step -> [Edit Content](#)

7

On the **Courseware Editor** screen:

- The left area is the **Structure** pane where you can add/delete module/topic/page and reorder them.
- The big middle area is the **Content** area where you can create the rich text content.
- The right area is the **Content Element** tool bar where you can select a content element and insert it into the content area.

The screenshot shows the Courseware Editor interface. The top navigation bar includes a search icon, a star icon, a green circle icon, a grey circle icon, and a refresh icon. The URL in the address bar is ua.ulearning.pro/courseEditor/index.html#/details/12970. The main content area has a title "cs160a Programming Methodology".

Structure pane (Left): Contains "Content Modules" with options "+ New Module", "+ New Topic", and "+ New Page". It lists "Lecture 1" and "Lecture 2". Under "Lecture 1", there is a expanded section for "Topic 1: Karel Program" which contains "An Algorithm vs Program" (selected), "Syntax of a Karel Program", and "Lecture 2". Under "Lecture 2", there are sections for "Topic 1: Karel and Java", "Common Errors", and "Decomposition".

Content area (Middle): A rich text editor window titled "An Algorithm vs Program". It includes a toolbar with font selection (Arial, 16pt), bold (B), italic (I), underline (U), superscript (A⁺), subscript (S_n), alignment (left, center, right, justify), and other icons for lists, tables, and images.

Content Element toolbar (Right): A vertical toolbar with red borders around its items. It includes "Videos", "Audios", "Documents", "Exercise Question", "Annotated Audio", and "Spoken English Test".

On the **Structure** pane, you can

- Click the **New Module**, **New Topic**, or **New Page** to add a module/topic/page.
- Or click an item drop-down menu and then select then **Add Topic** or **Add Page** button to a corresponding item.
- From the drop-down menu, click the **Rename** button to edit the module, topic, or page title.

The figure consists of three side-by-side screenshots of a 'Content Modules' pane from a software application. Each screenshot shows a hierarchical tree structure of content items under 'Lecture 1' and 'Lecture 2'. Red boxes highlight specific UI elements in each screenshot:

- Screenshot 1 (Top Left):** A red box surrounds the top-level buttons '+ New Module', '+ New Topic', and '+ New Page'.
- Screenshot 2 (Middle Left):** A red box surrounds the 'Add Topic' button in the context menu of 'Topic 1: Karel Program'.
- Screenshot 3 (Right):** A red box surrounds the 'Rename' button in the context menu of 'Topic 1: Karel Program'.

Screenshot 1 (Left): Shows the main Content Modules pane with the following structure:

- Lecture 1
 - Topic 1: Karel Program
 - An Algorithm vs Program
 - Syntax of a Karel Program
- Lecture 2
 - Topic 1: Karel and Java
 - Common Errors
 - Decomposition

Screenshot 2 (Middle): Shows a context menu for 'Topic 1: Karel Program' with the following options:

- Rename
- + Add Topic (highlighted by a red box)
- Hide
- Delete

Screenshot 3 (Right): Shows a context menu for 'Topic 1: Karel Program' with the following options:

- Rename (highlighted by a red box)
- + Add page
- Hide
- Delete

- Drag an item to reorder the content structure.

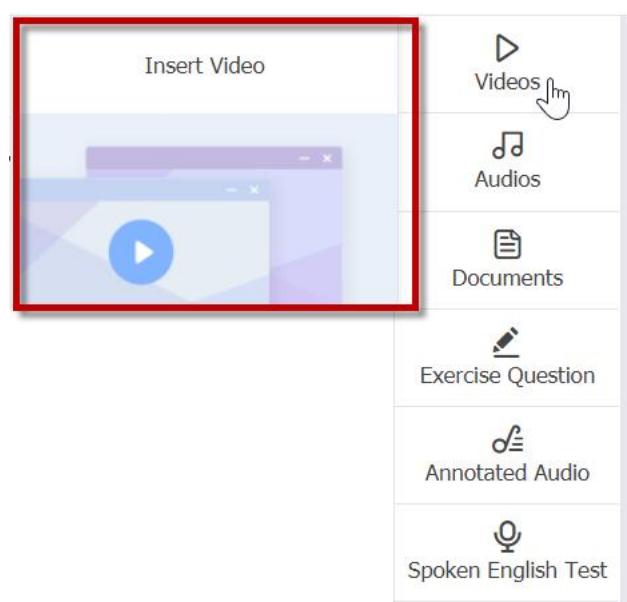
Content Modules

+ New Module + New Topic
+ New Page

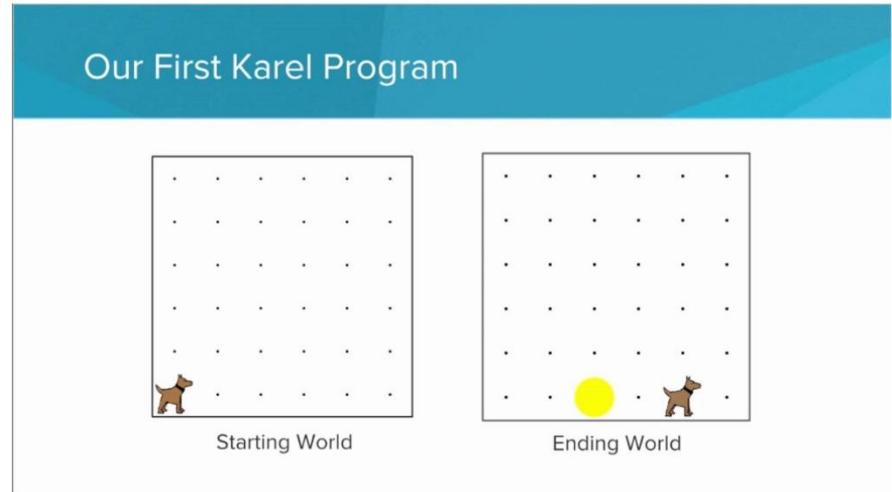
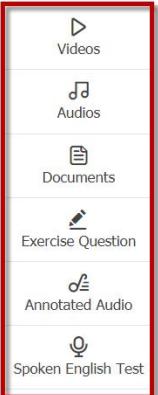
▼ Lecture 1
 ▼ Topic 1: Karel Program
 An Algorithm vs Program ::
 Syntax of a Karel Program ::

▼ Lecture 2 
 ▼ Lecture 2
 ▼ Topic 1: Karel and Java
 ▼ Topic 1: Karel and Java
 Common Errors
 Common Errors
 Decomposition
 Decomposition

- From the **Content Element** tool bar, you can select and insert 5 different content objects into the middle content area:



Creating Rich Text Content

Step	Action
1	<ul style="list-style-type: none">You can use the Rich Text editor tool in the middle to create your courseware content. Just like the MS Word, you can enter text, hyperlinks, images, formula, etc., and even embed an external video from a social media such as YouTube.You can also use the Content Element tool bar on the right to add videos, audios, documents, exercise questions, annotated audios, and spoken English tests. <p>An Algorithm vs Program</p>  <p>In this topic, we will discuss about An Algorithm vs Program.</p> <h3>Our First Karel Program</h3>  



User Notes

- Content created will be saved automatically.*

Note

Embedding a YouTube Video

Go to the YouTube video site and click the **SHARE** link underneath the video player.

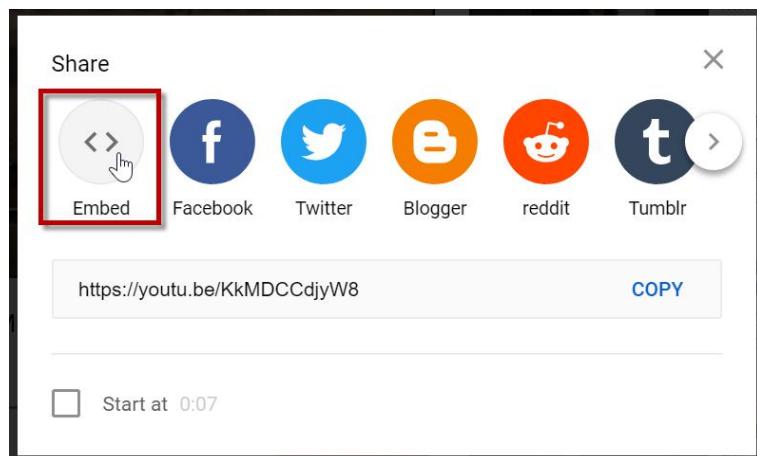
2

Lecture 1 | Programming Methodology (Stanford)

2,199,499 views 12K likes 261 dislikes SHARE SAVE ...

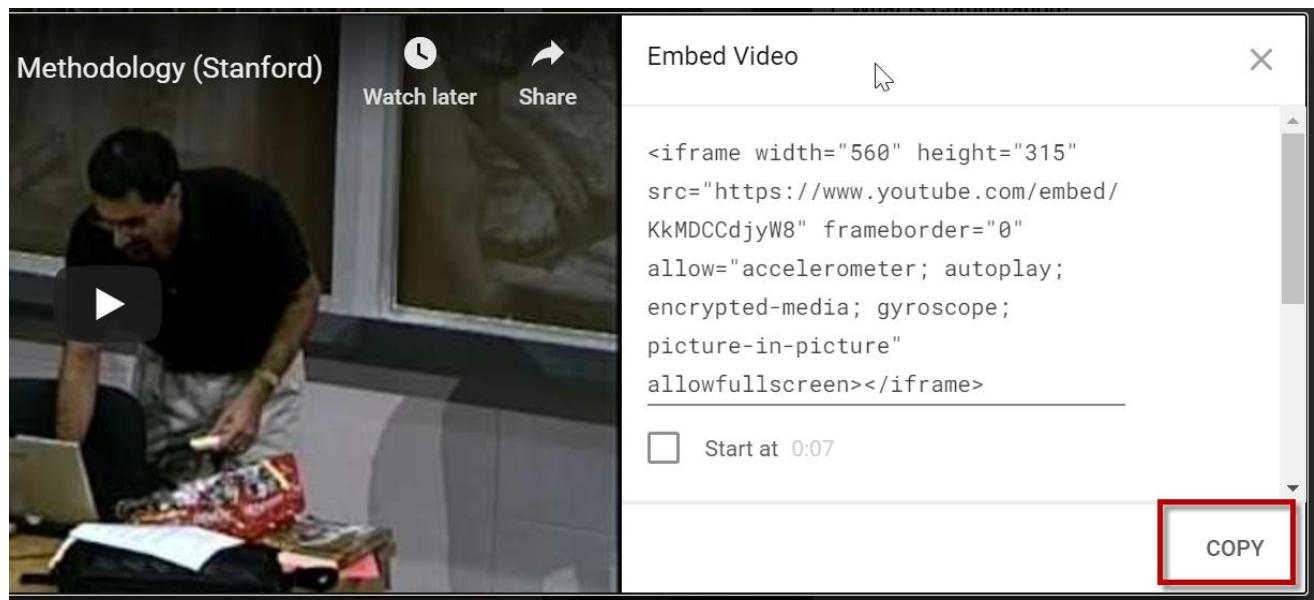
Stanford
1.18M subscribers SUBSCRIBE

3

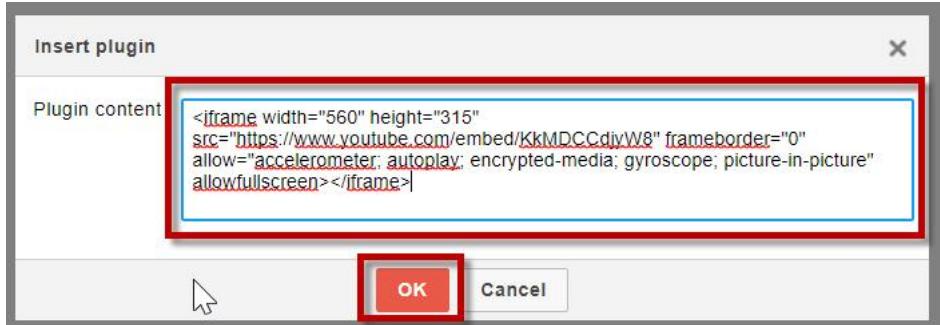


4

Click the **Copy** link on the lower right corner of the **Embed Video** popup window.



- Go back to your **Courseware Editor** screen and paste the copied code into the **Insert plugin** popup window.



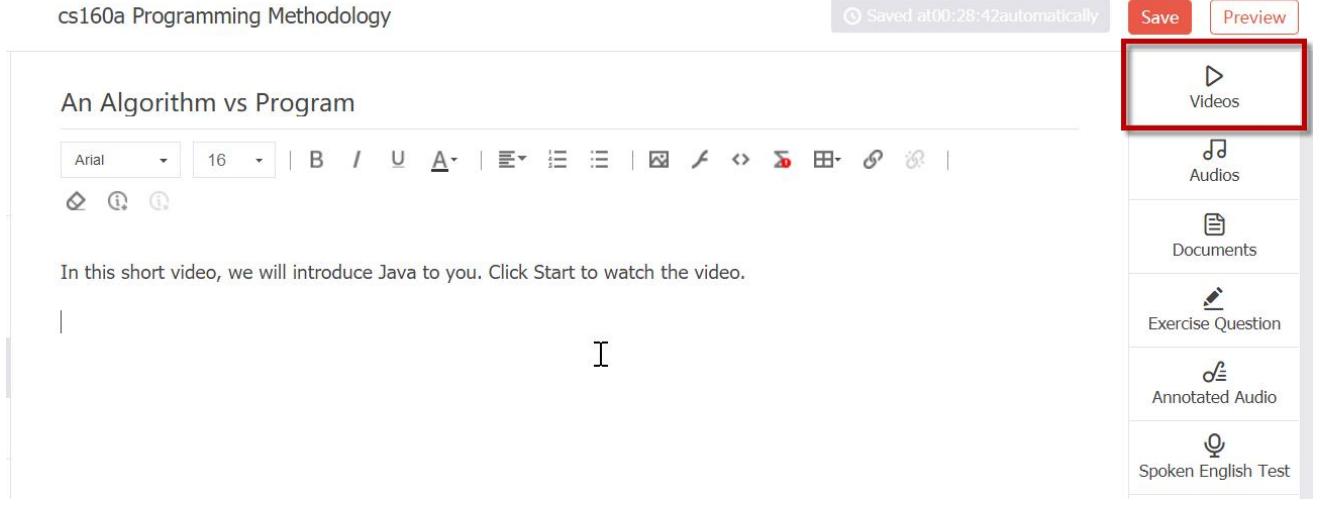
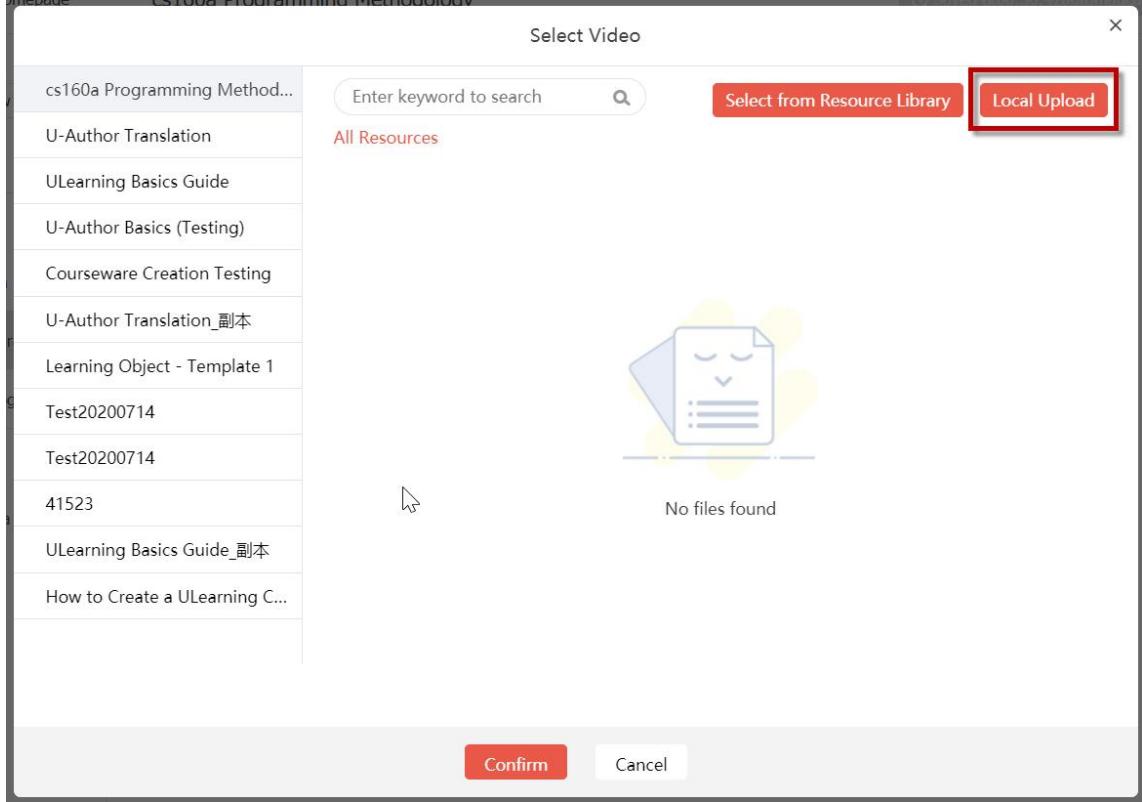
- Click the **Ok** button. The YouTube video is embedded into your content page.

5

Syntax of a Karel Program

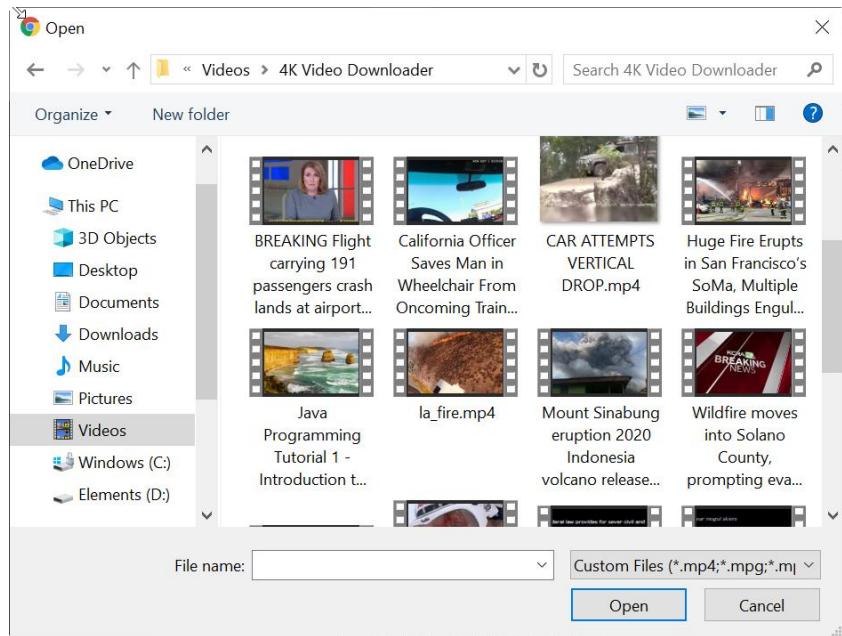
A screenshot of a content page titled 'Syntax of a Karel Program'. The page has a toolbar at the top with various icons for font, size, bold, italic, etc. Below the toolbar is a video player. The video player shows a man sitting at a desk, looking down at some papers. The video is titled 'Lecture 1 | Programming Methodology ...'. There are 'Watch later' and 'Share' buttons in the top right corner of the video frame. The entire video player area is enclosed in a red border.

Inserting a Video (from your computer) into Page

Step	Action
1	<p>Click the Videos icon in the right Content Element bar.</p>  <p>The screenshot shows a ULearning page titled "An Algorithm vs Program". The Content Element bar on the right has several icons: "Videos" (highlighted with a red box), "Audios", "Documents", "Exercise Question", "Annotated Audio", and "Spoken English Test".</p>
2	<p>Click the Local Upload button.</p>  <p>The screenshot shows the "Select Video" dialog box. It has a sidebar with a list of files: "cs160a Programming Method...", "U-Author Translation", "ULearning Basics Guide", "U-Author Basics (Testing)", "Courseware Creation Testing", "U-Author Translation_副本", "Learning Object - Template 1", "Test20200714", "Test20200714", "41523", "ULearning Basics Guide_副本", and "How to Create a ULearning C...". At the top, there is a search bar and two buttons: "Select from Resource Library" and "Local Upload" (highlighted with a red box). Below the sidebar is a placeholder image of a document and the text "No files found". At the bottom are "Confirm" and "Cancel" buttons.</p>

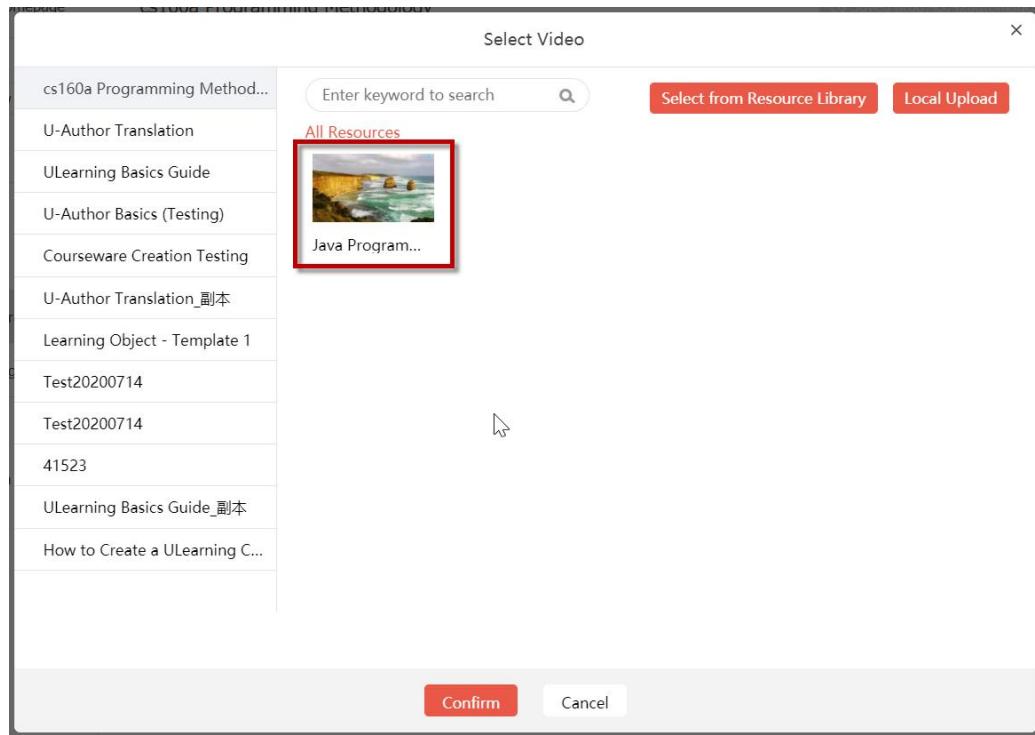
Select the **video** you want to upload and click the **Open** button.

3



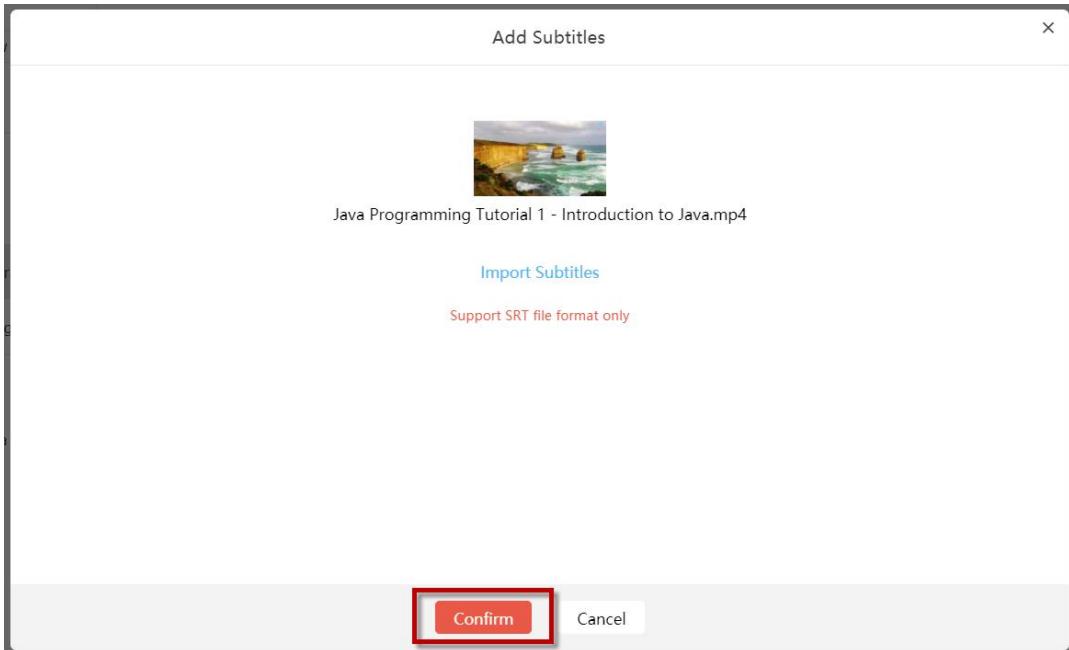
- From the **Select Video** popup window, click the uploaded video to select.
- Notes:** Depending on the video size, it may take a while for the video to show here.
- Click the **Confirm** button to insert the video into your content page.

4



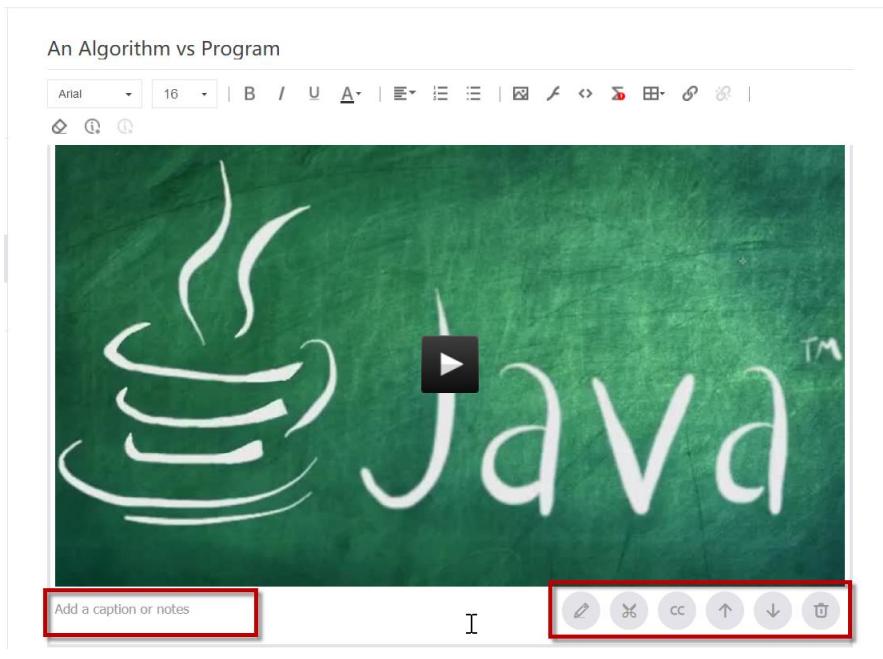
- From the **Add Subtitles** popup window, click the **Confirm** button to insert the video into your content page.

Notes: You can also import subtitles for this video here or you can do it after the video is inserted.



5

- The inserted video is shown in the content area, you can:
 - Add a caption or notes to the video in the lower left corner.
 - Use tools in the tool bar underneath the video player to edit/delete the video, edit/add subtitles, etc., and even insert exercise questions into the video.

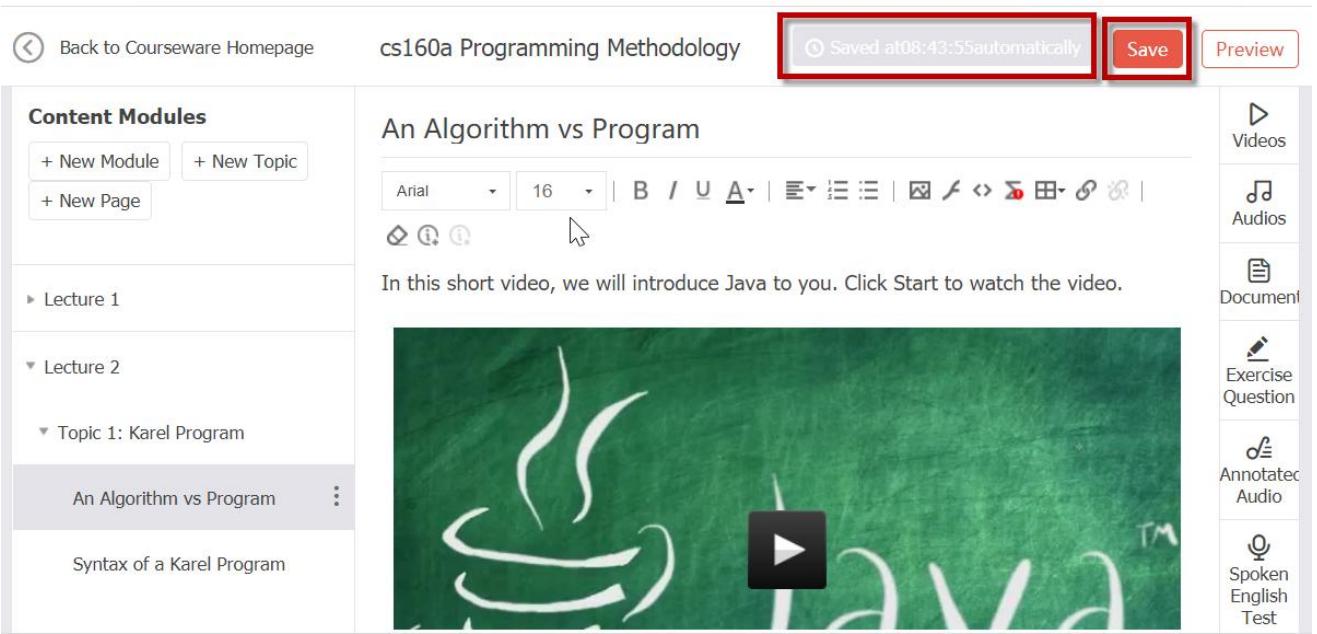




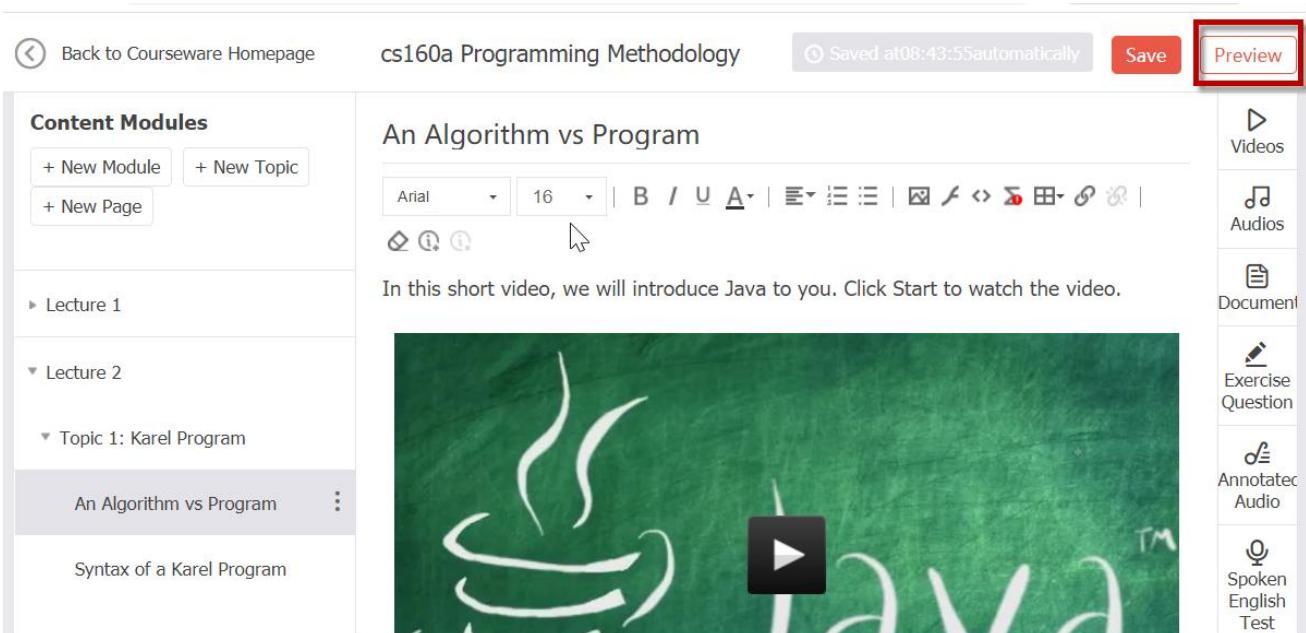
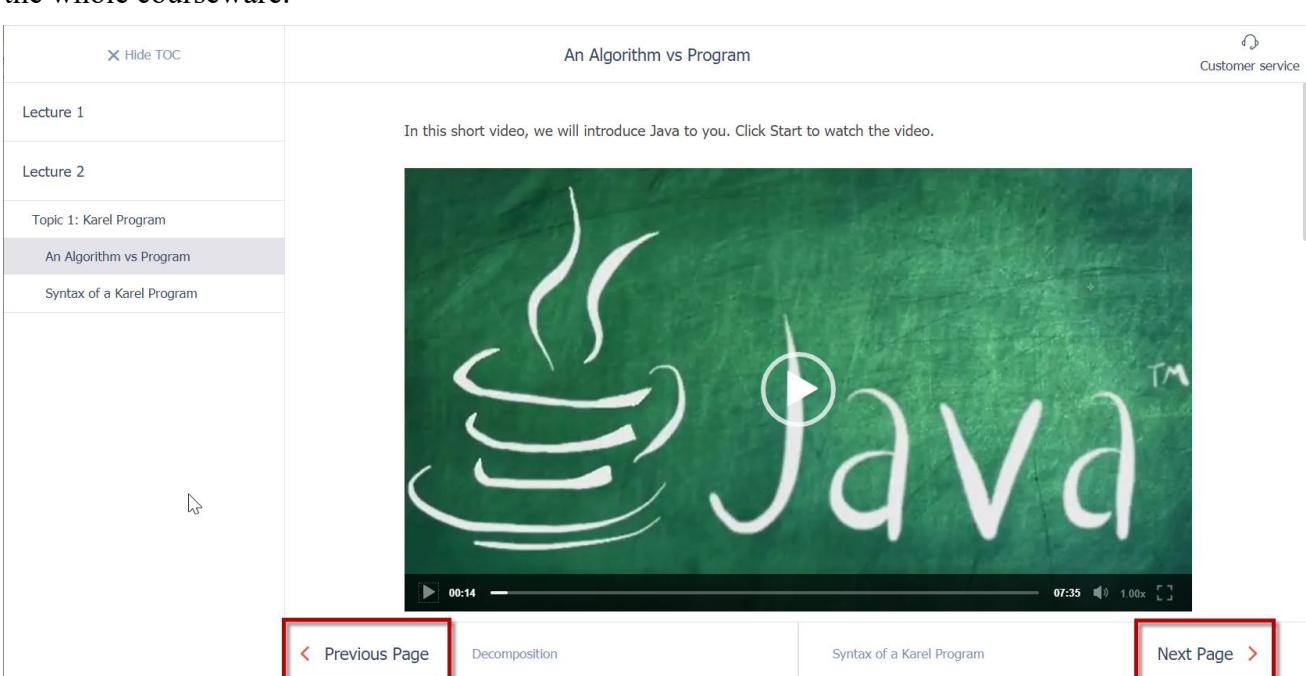
User Notes

- *This is a Quick Start version of ULearning Teacher Guide. For detailed processes/steps such as how to add subtitles for a video, please refer to the complete version of ULearning Teacher Guide.*

Saving Courseware

Step	Action
1	<ul style="list-style-type: none"> The courseware in editing is automatically saved in every 10 seconds or whenever you leave the page. You can also click the Save button to save it manually at any point. <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;">  </div>

Previewing Courseware

Step	Action
1	<p>From your courseware editing window, click the Preview button to view your courseware in editing as a student role.</p> 
2	<p>It opens the content page in a new window. You can use the Previous Page and Next Page to navigate the whole courseware.</p> 

Publishing Courseware

Step	Action
1	<p>From the Courseware Editor screen, click the Back to Courseware Homepage link.</p> <p>The screenshot shows the Courseware Editor interface. On the left, there's a sidebar titled 'Content Modules' with options like '+ New Module', '+ New Topic', and '+ New Page'. Below this are sections for 'Lecture 1' and 'Lecture 2', each containing sub-topics. A red box highlights the 'Back to Courseware Homepage' link at the top of the sidebar. The main content area displays a video player for a video titled 'An Algorithm vs Program'. The video frame shows a chalkboard with a drawing of a coffee cup and the word 'Java'. To the right of the video player is a vertical toolbar with icons for 'Videos', 'Audios', 'Documents', 'Exercise Question', 'Annotated Audio', and 'Spoken English Test'. At the top of the page, there's a browser header with the URL 'ua.ulearning.pro/courseEditor/index.html#/details/12970/1356694' and various navigation icons.</p>

From your **Courseware Homepage** screen, click the **Publish** button.

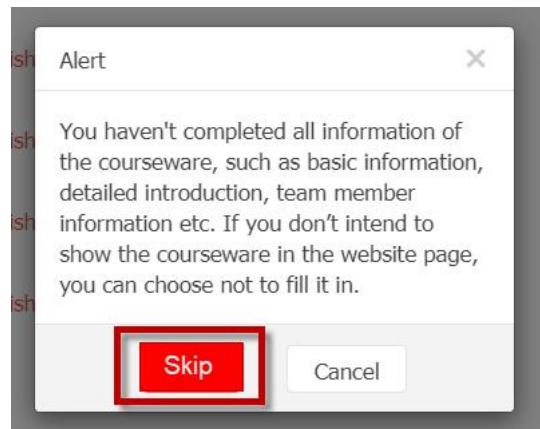
Notes: Before you publish the courseware, you can see that the modules are all marked as “Unpublished” status right after the module title.

2

The screenshot shows the Courseware Homepage for 'cs160a Programming Methodology'. On the left, there's a sidebar with links like 'Content Modules' (highlighted with a red box), 'Resources', 'Exercise Questions', 'Courseware Settings', 'Courseware Information', 'Courseware Team', and 'Display Settings'. The main content area has a header with 'Edit content', 'Preview', 'Co-Editing', 'Select Preview Content', and 'Export QR Code'. Below this, there's a list of four modules: 'Lecture 1 (Unpublished)', 'Lecture 2 (Unpublished)', 'Lecture 3 (Unpublished)', and 'Lecture 4 (Unpublished)'. A large red box highlights the 'Publish' button in the top right corner of the page.

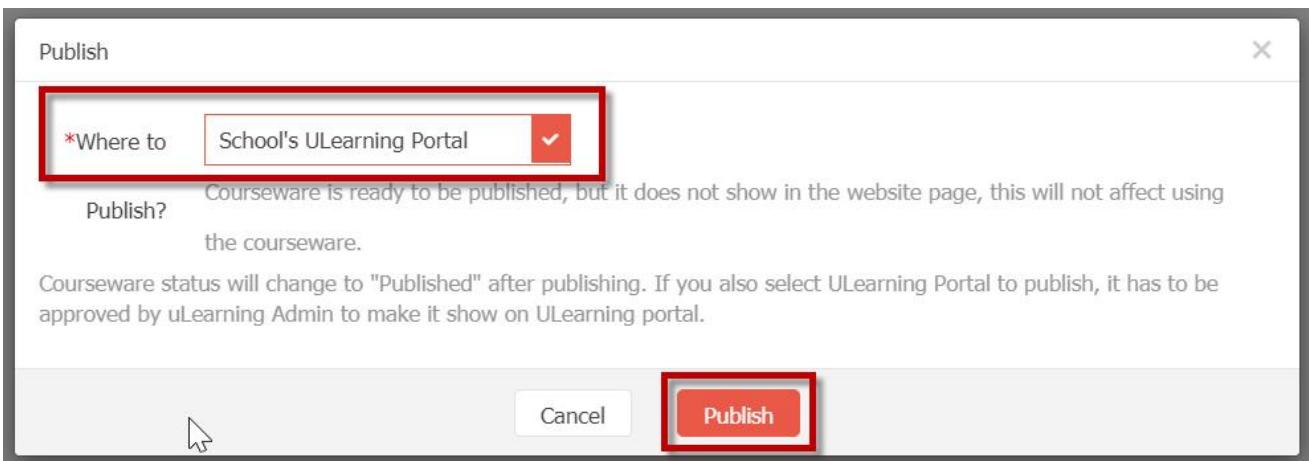
From the **Alert** popup window, click the **Skip** button.

Notes: You do not need to fill out the courseware information if you only intend to use the courseware inside the course you teach.



On the **Publish** popup window:

- Select the publishing location from **Where to Publish?** dropdown. By default, it is published to your school's ULearning LMS portal.
- Click the **Publish** button.



The **Courseware Homepage** is partially refreshed. You'll notice that the **Publish** button is replaced with two new buttons: **Update** and **Unpublish**.

The screenshot shows a browser window for 'ua.ulearning.pro/createCourse/#/course/content/12970'. The title bar says 'Back to Courseware List' and 'cs160a Programming Methodology'. On the right side, there are two buttons: 'Update' and 'Unpublish', both highlighted with red boxes. Below these buttons are four 'Copy Content Link' buttons, each corresponding to one of the four lectures listed. On the left, there is a sidebar with 'Content Modules', 'Resources', and 'Exercise Questions' options. The main content area lists four lectures, all of which are currently 'Unpublished'. Each lecture entry includes a small thumbnail image, the lecture title, and its status in parentheses.

Lecture	Status
Lecture 1	(Unpublished)
Lecture 2	(Unpublished)
Lecture 3	(Unpublished)
Lecture 4	(Unpublished)

To completely refresh the Courseware Homepage, click the browser's **Refresh** icon in front of the browser's **Address** bar. You'll notice that the **Unpublished** status mark is removed for each module.

6

The screenshot shows the Courseware homepage for 'cs160a Programming Methodology'. The 'Edit content' tab is selected. In the sidebar, 'Content Modules' is listed under 'Content Modules'. A red box highlights the 'Content Modules' link. Another red box highlights the 'Content Modules' section in the main area, which now displays four lectures (Lecture 1, Lecture 2, Lecture 3, Lecture 4) without the 'Unpublished' status mark.

Inserting Courseware into Course

Step	Action
1	<p>After you created, saved, and published your courseware, you can close the courseware page. Now you are back to your Course page at Courseware tab.</p> <ul style="list-style-type: none"> Click the Import My Courseware link. <p>The screenshot shows the Course page for 'cs106a Programming Methodology'. The sidebar includes 'Announcements', 'Courseware' (which is red), 'Resources', 'Assignments', 'Discussions', 'Classroom', 'Exams', and 'Grades'. The main area has a pink banner about courseware. Below it, there are three buttons: 'Edit/Create Courseware', 'Import My Courseware' (which is red), and 'Import Library Courseware'. A cartoon character is holding a clipboard.</p>

- Click the **checkbox** in front of the courseware you want to insert.
- Click the **Import** button at the bottom.

cs106a Programming Methodology

Course admin can import and edit courseware. For paid textbook / courses, students need to pay and activate the course to start learning. All classes in the same course use the same courseware, but learning plans can be set differently.

[Back](#)

Import My Courseware

Enter the keyword to search [Search](#)

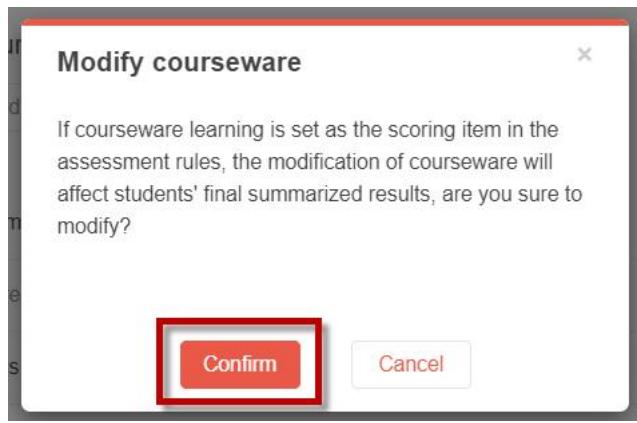
of Courseware:11 [Refresh](#)

<input checked="" type="checkbox"/> cs106a Programming Methodology	Preview
<input type="checkbox"/> Courseware Creation Testing	Edit
<input type="checkbox"/> Unpublished	Available after being published
<input type="checkbox"/> U-Author Basics (Testing)	Preview
<input type="checkbox"/> U-Author Translation	Preview
<input type="checkbox"/> Test20200714	Preview
<input type="checkbox"/> Test20200714	Edit
<input type="checkbox"/> Unpublished	Available after being published
<input type="checkbox"/> Learning Object - Template 1	Preview
<input type="checkbox"/> 41523	Edit
<input type="checkbox"/> Unpublished	Available after being published

[Import](#)

2

- From the **Modify courseware** popup window, click the **Confirm** button.



3

4

- You'll notice that the course is inserted and all the modules of the courseware are listed in the screen.

cs106a Programming Methodology

Course admin can import and edit courseware. For paid textbook / courses, students need to pay and activate the course to start learning. All classes in the same course use the same courseware, but learning plans can be set differently.

Edit/Create Courseware | Import My Courseware | Import Library Courseware

Current Courseware: cs106a Programming Methodology

Courseware Content

Lecture 1 | Preview
Lecture 2 | Preview
Lecture 3 | Preview
Lecture 4 | Preview



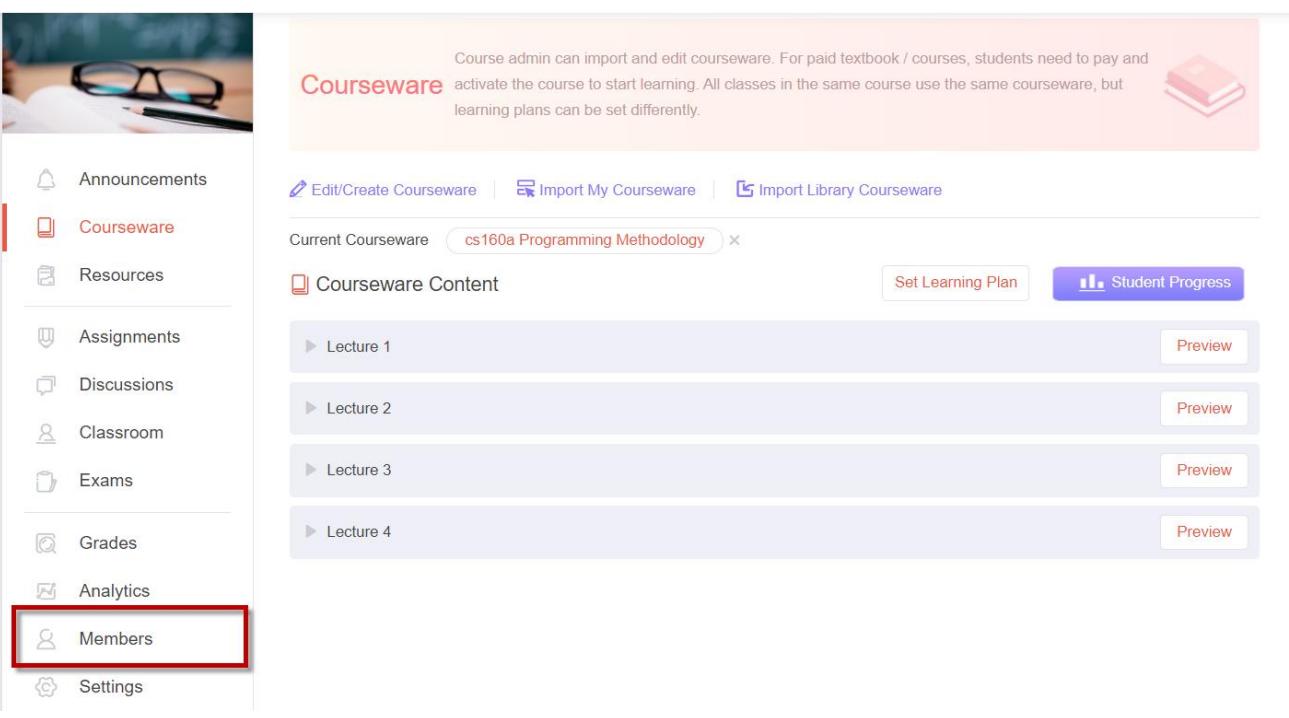
Note

User Notes

- *You aren't restricted to insert one courseware only or insert your own courseware only. Based on the course/learning needs, you can add multiple courseware from different sources.*

Classes/Members

Creating Classes

Step	Action
1	<p>Click the Members tab in the left pane.</p>  <p>The screenshot shows the 'cs106a Programming Methodology' course page. On the left, there's a sidebar with various tabs: Announcements, Courseware (which is currently selected and highlighted in red), Resources, Assignments, Discussions, Classroom, Exams, Grades, Analytics, Members (which is also highlighted with a red box), and Settings. The main content area is titled 'Courseware' and contains sections for 'Edit/Create Courseware', 'Import My Courseware', and 'Import Library Courseware'. Below this, it shows the current courseware as 'cs106a Programming Methodology'. Under 'Courseware Content', there are four items labeled 'Lecture 1', 'Lecture 2', 'Lecture 3', and 'Lecture 4', each with a 'Preview' button to its right.</p>

2

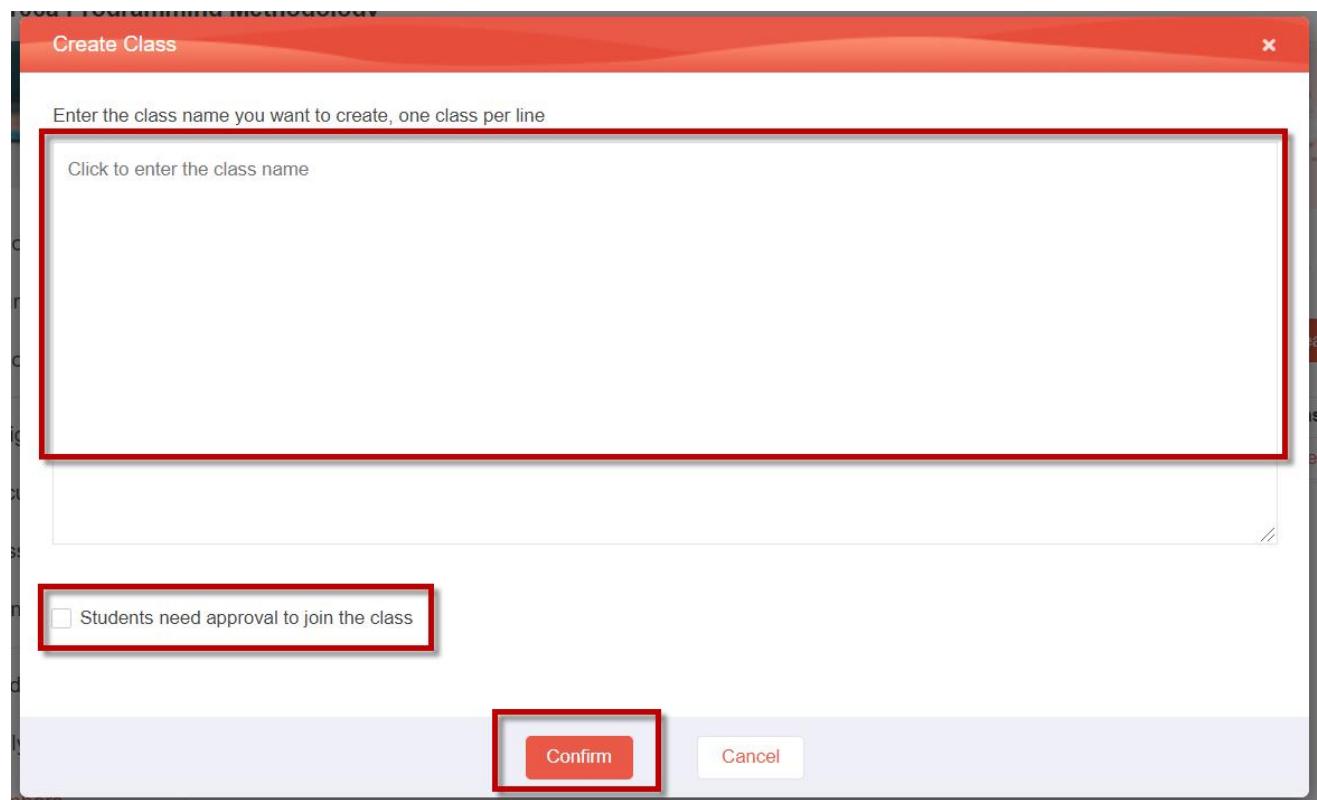
Click the **Create Class** button.

Notes: When you create a course, the system also creates a class named as “Default class” for you. This guide shows you how to create an extra class since it is very likely that you’ll teach multiple classes for a course during a semester.

The screenshot shows the 'Members' section of the ULearning platform for the course 'cs106a Programming Methodology'. On the left, there's a sidebar with links for Announcements, Courseware, Resources, Assignments, Discussions, and Classroom. The main area has tabs for Classes, Students, and Teachers, with 'Classes' selected. A search bar allows entering a class name or code. Below the search bar are buttons for 'Enrollment Application' (with 0 notifications), 'Batch Import', and a prominent red-bordered 'Create Class' button. A table lists existing classes, showing 1 Default class with a class code of 37936475. The table includes columns for #, Class Name, Total item(s), Class Code, Teachers, Students, Created Date, and Actions (with a 'Roster' dropdown). At the bottom, there are navigation buttons for page number (1) and 'Jump'.

From the **Create Class** popup window:

- Enter the class name, for example, Monday_9am.
- Check or uncheck the check box in front of **Student need approval to join the class**.
- Click the **Confirm** button at the bottom.



3

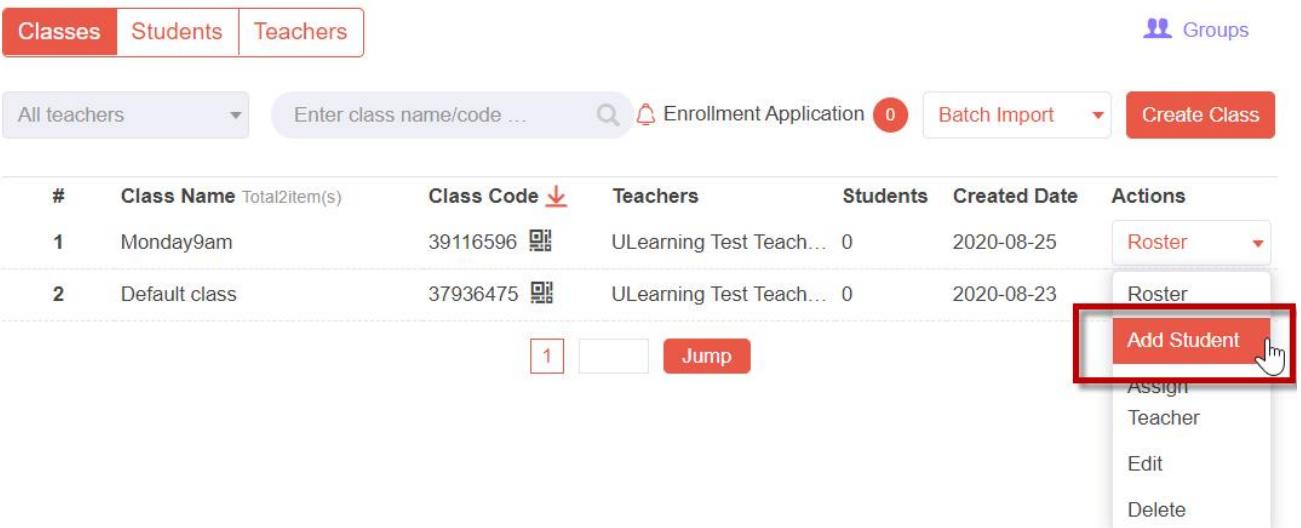
You'll notice that the newly created class was added the course class list.

The screenshot shows a list of classes under a course. At the top, there are tabs for 'Classes' (highlighted with a red box), 'Students', 'Teachers', and 'Groups'. Below the tabs are filters: 'All teachers' dropdown, 'Enter class name/code ...' search bar, 'Enrollment Application 0' button, 'Batch Import' button, and a 'Create Class' button. The main table lists two classes:

#	Class Name	Total 2 item(s)	Class Code	Teachers	Students	Created Date	Actions
1	Monday9am	39116596	ULearning Test Teach...	0	2020-08-25	Roster	
2	Default class	37936475	ULearning Test Teach...	0	2020-08-23	Roster	

At the bottom of the table, there is a navigation bar with page numbers '1' and '2', a 'Jump' button, and a 'Next' button.

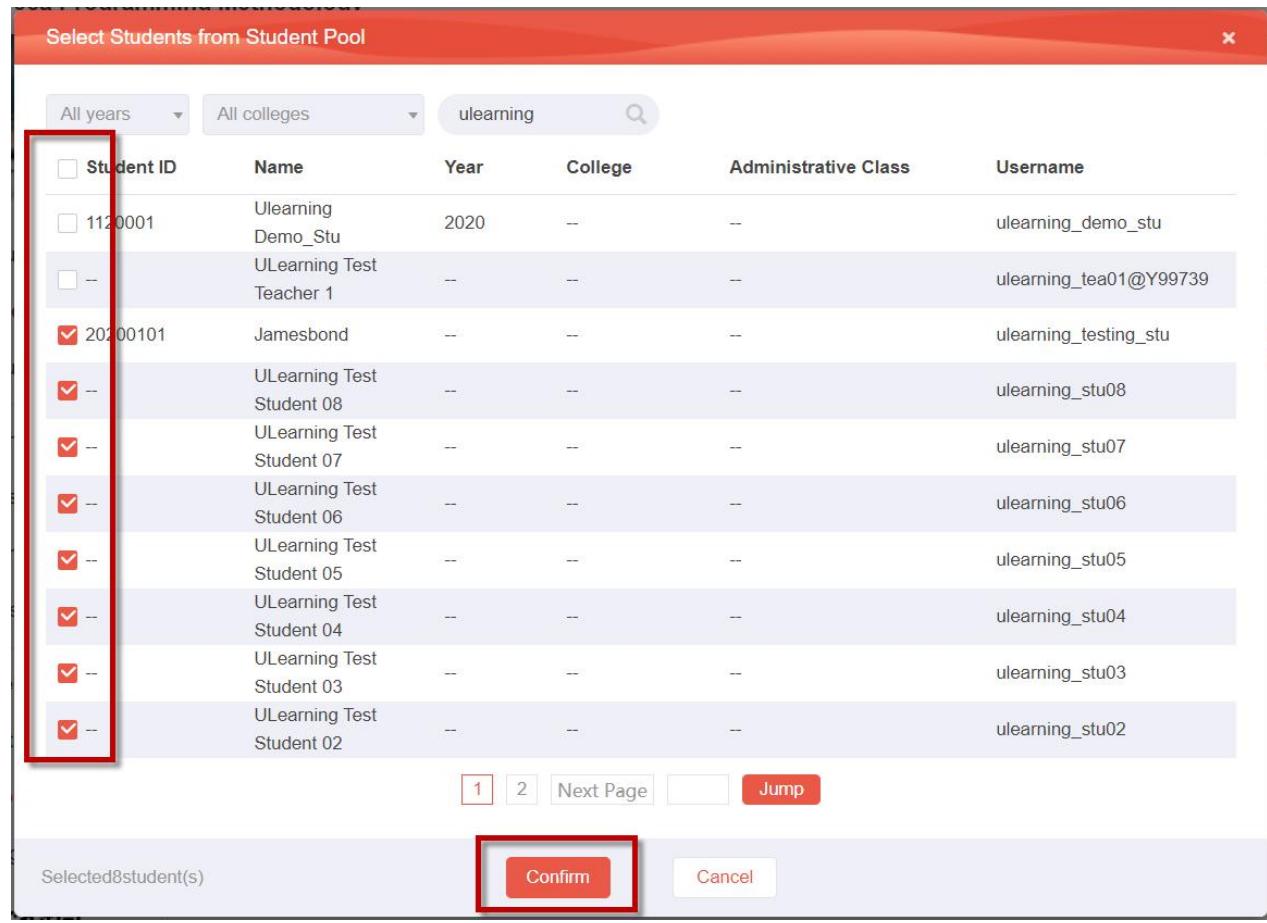
Adding Students to Class

Step	Action																								
1	<p>From the Class List screen:</p> <ul style="list-style-type: none">Click the Actions dropdown menu at the end of the class row.Select the Add Student action and click.  <p>The screenshot shows the 'Classes' tab selected in the navigation bar. Below it is a search bar with 'All teachers' and an 'Enter class name/code...' field. There are buttons for 'Enrollment Application' (0), 'Batch Import', and 'Create Class'. The main area displays a table of classes. The first class, 'Monday9am', has its 'Actions' dropdown open, with 'Add Student' highlighted and a cursor icon pointing at it. Other options in the dropdown include 'Assign Teacher', 'Edit', and 'Delete'.</p> <table border="1"><thead><tr><th>#</th><th>Class Name</th><th>Total Item(s)</th><th>Class Code</th><th>Teachers</th><th>Students</th><th>Created Date</th><th>Actions</th></tr></thead><tbody><tr><td>1</td><td>Monday9am</td><td>2</td><td>39116596</td><td>ULearning Test Teach...</td><td>0</td><td>2020-08-25</td><td>Roster</td></tr><tr><td>2</td><td>Default class</td><td>1</td><td>37936475</td><td>ULearning Test Teach...</td><td>0</td><td>2020-08-23</td><td>Roster</td></tr></tbody></table>	#	Class Name	Total Item(s)	Class Code	Teachers	Students	Created Date	Actions	1	Monday9am	2	39116596	ULearning Test Teach...	0	2020-08-25	Roster	2	Default class	1	37936475	ULearning Test Teach...	0	2020-08-23	Roster
#	Class Name	Total Item(s)	Class Code	Teachers	Students	Created Date	Actions																		
1	Monday9am	2	39116596	ULearning Test Teach...	0	2020-08-25	Roster																		
2	Default class	1	37936475	ULearning Test Teach...	0	2020-08-23	Roster																		

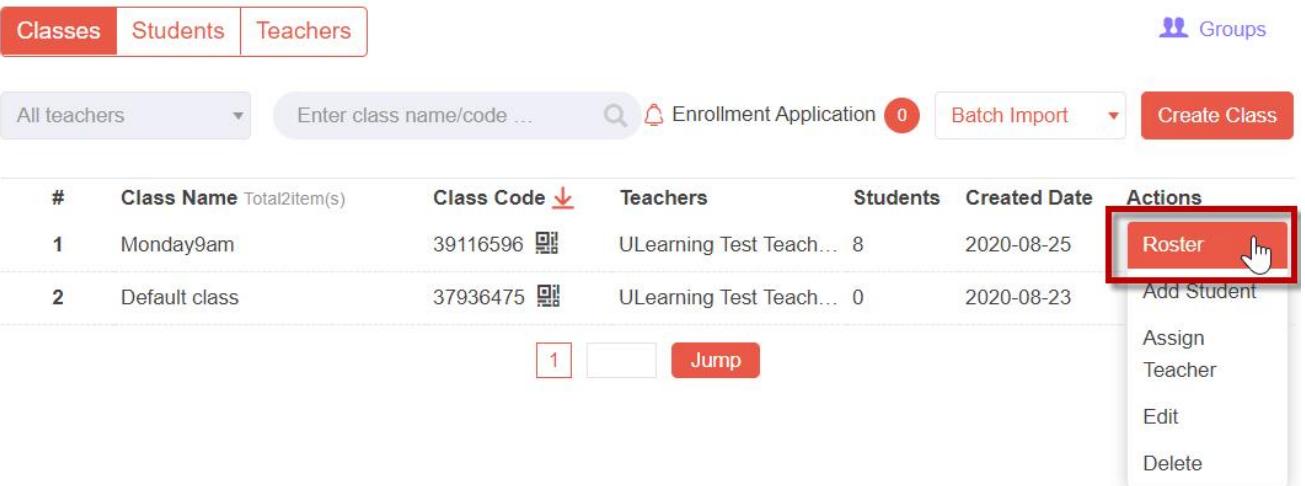
2

From the **Select Students from Student Pool** popup window:

- Select all the students you want to add to the class.
- Click the **Confirm** button.



Viewing Class Roster

Step	Action																								
1	<p>From the Class List screen:</p> <ul style="list-style-type: none">Click the Actions dropdown menu at the end of the class row.Select the Roster action and click.  <p>The screenshot shows the 'Classes' tab selected in the navigation bar. Below it is a search bar with 'All teachers' and an 'Enter class name/code...' field. There are buttons for 'Enrollment Application' (with 0 notifications), 'Batch Import', and 'Create Class'. The main area displays a table of classes. The first class, 'Monday9am', has its 'Actions' dropdown menu open, with 'Roster' highlighted and a cursor icon pointing at it. Other options in the dropdown include 'Add Student', 'Assign Teacher', 'Edit', and 'Delete'.</p> <table border="1"><thead><tr><th>#</th><th>Class Name</th><th>Total Item(s)</th><th>Class Code</th><th>Teachers</th><th>Students</th><th>Created Date</th><th>Actions</th></tr></thead><tbody><tr><td>1</td><td>Monday9am</td><td>2</td><td>39116596</td><td>ULearning Test Teach...</td><td>8</td><td>2020-08-25</td><td>Roster</td></tr><tr><td>2</td><td>Default class</td><td>1</td><td>37936475</td><td>ULearning Test Teach...</td><td>0</td><td>2020-08-23</td><td>Add Student Assign Teacher Edit Delete</td></tr></tbody></table>	#	Class Name	Total Item(s)	Class Code	Teachers	Students	Created Date	Actions	1	Monday9am	2	39116596	ULearning Test Teach...	8	2020-08-25	Roster	2	Default class	1	37936475	ULearning Test Teach...	0	2020-08-23	Add Student Assign Teacher Edit Delete
#	Class Name	Total Item(s)	Class Code	Teachers	Students	Created Date	Actions																		
1	Monday9am	2	39116596	ULearning Test Teach...	8	2020-08-25	Roster																		
2	Default class	1	37936475	ULearning Test Teach...	0	2020-08-23	Add Student Assign Teacher Edit Delete																		

It jumps to the **Student Roster** screen and the students you just added to the class are listed here.

2

The screenshot shows a user interface for managing student rosters. At the top, there are three tabs: 'Classes' (gray), 'Students' (red, indicating the current view), and 'Teachers' (gray). Below the tabs are two dropdown menus: 'All teachers' and 'Monday9am'. A search bar contains the placeholder 'Enter name/student ID t...'. A red button labeled 'Export Roster' is visible. The main area is a table with the following columns: #, Name, Student ID, Username, Gender, Class, and Enrolled. The table lists 8 rows of student data, each with a 'Move To' button in the Actions column. The first row is highlighted with a red border. The table has a total of 8 items. At the bottom are navigation buttons for page 1, a jump input field, and a 'Jump' button.

#	Name	Student ID	Username	Gender	Class	Enrolled	Actions
1	Jamesbond	20200101	ulearning_testing_stu --	--	Monday9am	2020-08-25	Move To
2	ULearning Test Stude...	--	ulearning_stu02	Male	Monday9am	2020-08-25	Move To
3	ULearning Test Stude...	--	ulearning_stu04	Male	Monday9am	2020-08-25	Move To
4	ULearning Test Stude...	--	ulearning_stu06	Male	Monday9am	2020-08-25	Move To
5	ULearning Test Stude...	--	ulearning_stu08	Male	Monday9am	2020-08-25	Move To
6	ULearning Test Stude...	--	ulearning_stu03	Male	Monday9am	2020-08-25	Move To
7	ULearning Test Stude...	--	ulearning_stu05	Male	Monday9am	2020-08-25	Move To
8	ULearning Test Stude...	--	ulearning_stu07	Male	Monday9am	2020-08-25	Move To

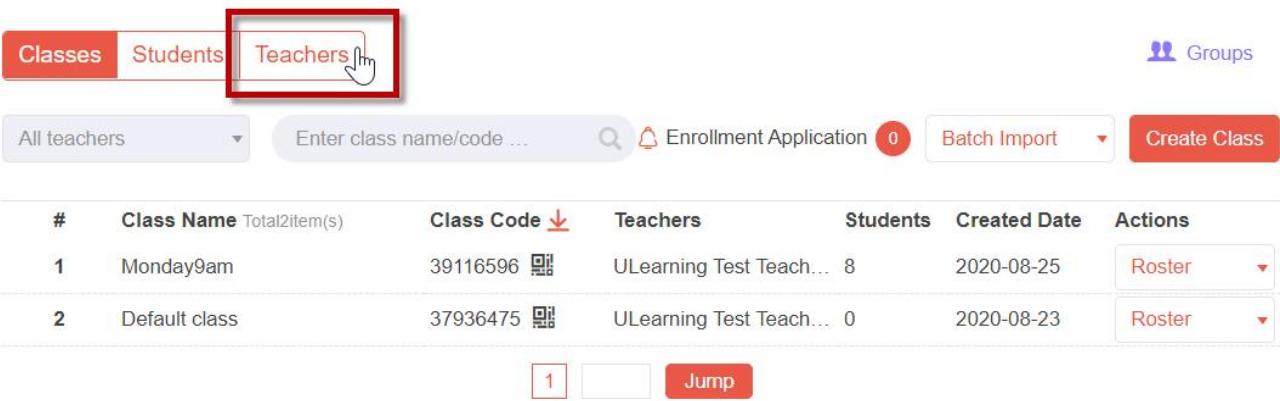
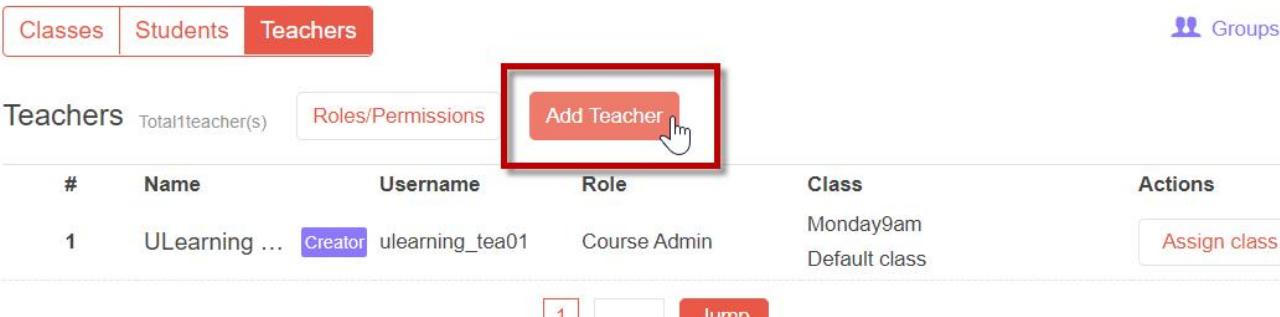


Note

User Notes

- *Students are usually registered by your school's administrative staff. This guide just shows you that you can add students to the class on your own.*
- *There are a few different ways to add students. For details, please refer to the complete version of ULearning Teacher Guide.*

Adding Teacher to Course

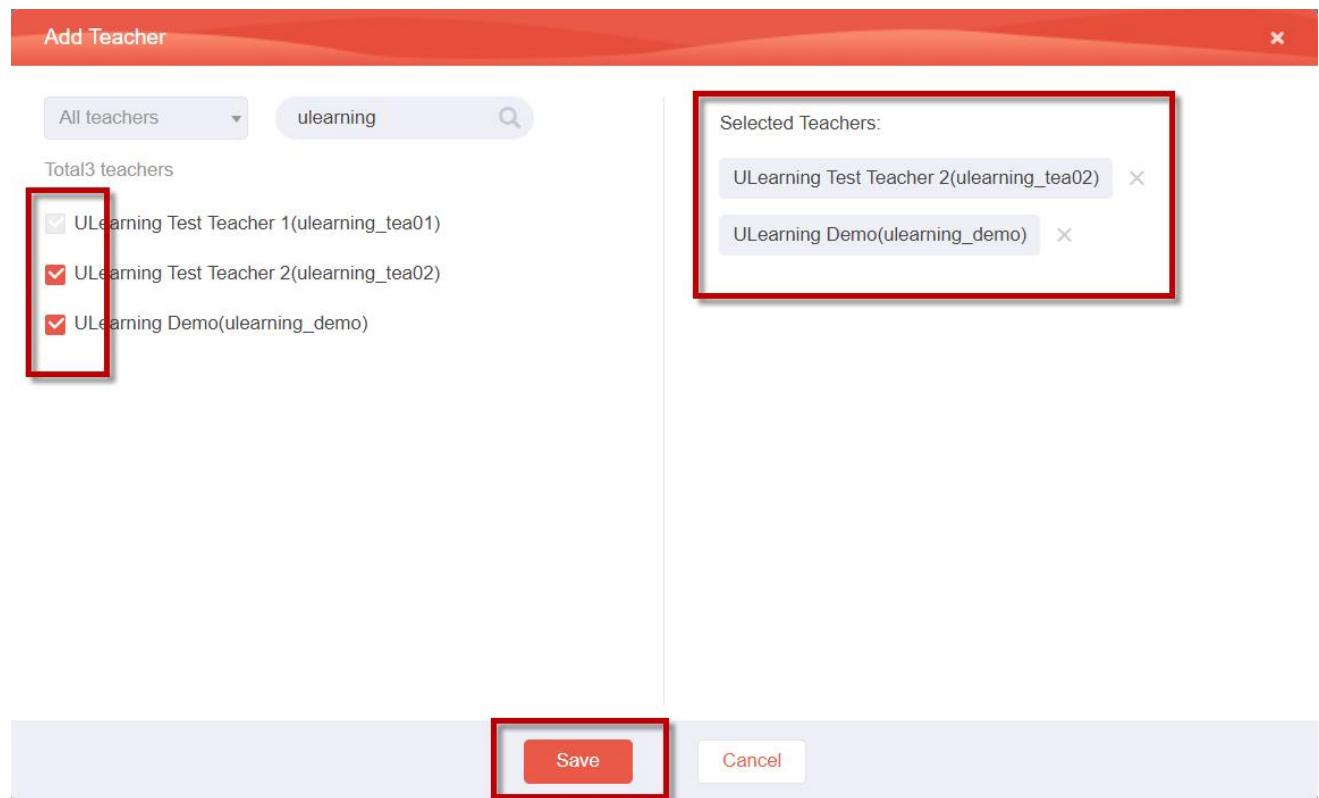
Step	Action
1	<p>From the Class List screen, click the Teachers tab at the top of the screen.</p>  <p>The screenshot shows the 'Classes' tab selected. Below it, there are tabs for 'Students' and 'Teachers'. A red box highlights the 'Teachers' tab, which has a hand cursor icon over it. The main area displays a table of classes. The first row shows 'Monday9am' with 8 students and 'ULearning Test Teach...' as the teacher. The second row shows 'Default class' with 0 students and 'ULearning Test Teach...' as the teacher. At the bottom right of the table, there is a 'Jump' button.</p>
2	<p>It jumps to the Teachers screen, click the Add Teacher button.</p>  <p>The screenshot shows the 'Teachers' tab selected. Above the table, there is a 'Roles/Permissions' button. A red box highlights the 'Add Teacher' button, which has a hand cursor icon over it. The table below lists one teacher: 'ULearning ...' (Creator) with the username 'ulearning_tea01' and role 'Course Admin'. The 'Actions' column for this teacher contains a 'Assign class' button. At the bottom right of the table, there is a 'Jump' button.</p>

From the **Add Teacher** popup window:

- Select all the teachers you want to add to the course.

Notes: As you select the teachers you want to add, you'll see they are added to the Selected Teachers column on the right. If you want to remove a teacher, click the X icon right after the teacher name.

- Click the **Save** button.



3

In the Teacher screen, the teachers you just added are listed here.

	Classes	Students	Teachers	Groups
4	Teachers	Total 3 teacher(s)	Roles/Permissions	Add Teacher
#	Name	Username	Role	Class
1	ULearning ...	Creator ulearning_tea01	Course Admin	Monday9am Default class
2	ULearning Demo	ulearning_demo	Teacher	Edit
3	ULearning Test Te...	ulearning_tea02	Teacher	Edit
				Assign class
				Assign class ▾
				Assign class ▾
			1	Jump

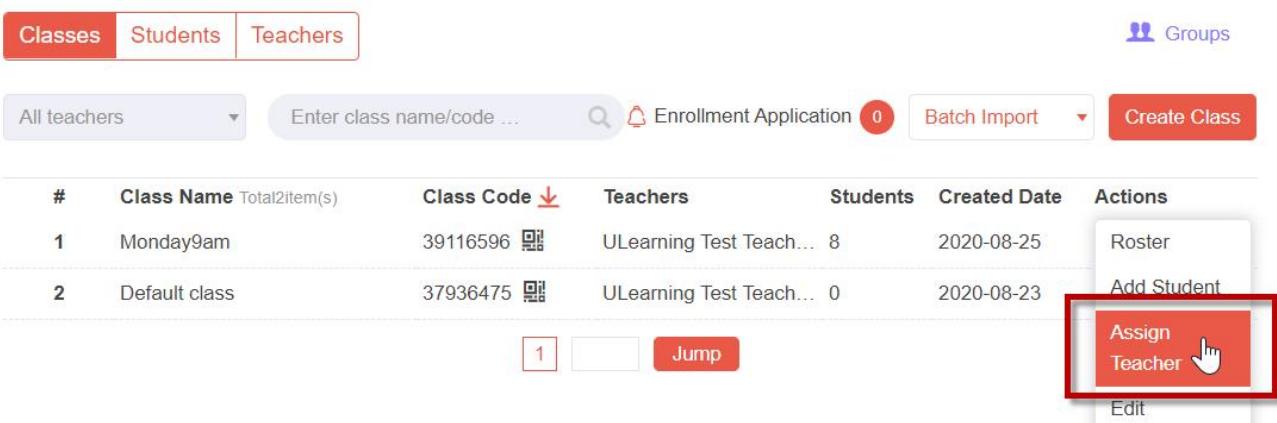


Note

User Notes

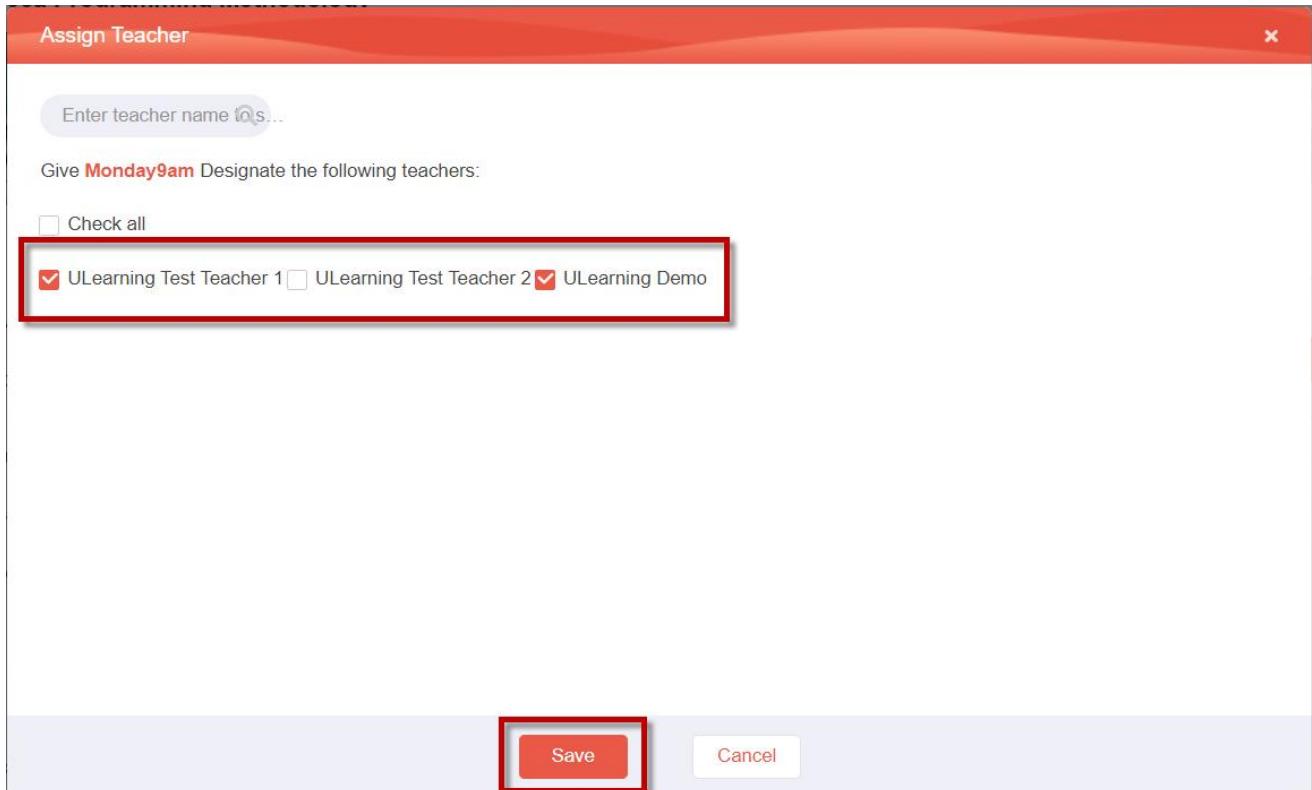
- You can assign a class to a teacher using the **Assign class** action in the screen above. For details, please refer to the complete version of ULearning Teacher Guide.

Assigning Teacher to Class

Step	Action
1	<p>From the Class List screen:</p> <ul style="list-style-type: none">• Click the Actions drop-down menu at the end of the class row.• Click the Assign Teacher option.  <p>The screenshot shows the Class List screen with the following interface elements:</p> <ul style="list-style-type: none">Top Navigation: Classes (selected), Students, Teachers, Groups (with a Groups button).Search and Filter: All teachers dropdown, Enter class name/code ..., Enrollment Application (0), Batch Import, Create Class.Table Headers: #, Class Name, Total item(s), Class Code, Teachers, Students, Created Date, Actions.Table Data: Two rows: Monday9am (Class Code 39116596) and Default class (Class Code 37936475). Both rows show Teachers: ULearning Test Teach..., Students: 8 and 0 respectively, and Created Date: 2020-08-25 and 2020-08-23.Actions Column (dropdown menu): Roster, Add Student, Assign Teacher (highlighted with a red box and a hand cursor icon), Edit, Delete.Pagination: Page 1 of 1, Jump button.

From the **Assign Teacher** popup window:

- Select all the teachers you want to assign to this class.
- Click the **Save** button.



2

You'll notice that the teachers are added to the **Teachers** column in the **Class List** screen.

The screenshot shows the 'Classes' tab selected in the navigation bar. The 'Teachers' column is highlighted with a red box. It lists two classes: 'Monday9am' and 'Default class'. In the 'Teachers' column for 'Monday9am', 'ULearning Demo' and 'ULearning Test Teach...' are listed. In the 'Teachers' column for 'Default class', 'ULearning Test Teach...' is listed. The 'Actions' column contains 'Roster' buttons for each class. The table has columns: #, Class Name, Total item(s), Class Code, Teachers, Students, Created Date, and Actions.

#	Class Name	Total item(s)	Class Code	Teachers	Students	Created Date	Actions
1	Monday9am	2	39116596	ULearning Demo ULearning Test Teach...	8	2020-08-25	Roster
2	Default class	1	37936475	ULearning Test Teach...	0	2020-08-23	Roster

3



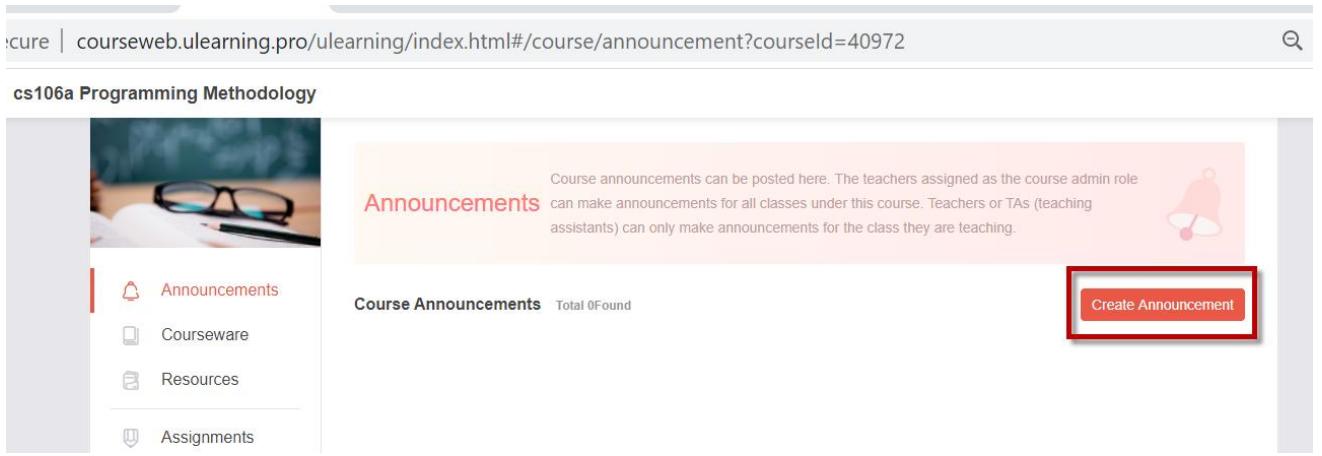
Note

User Notes

- *A course/class can be co-taught by 2 or more teachers. Therefore, you can add multiple teachers to a class.*

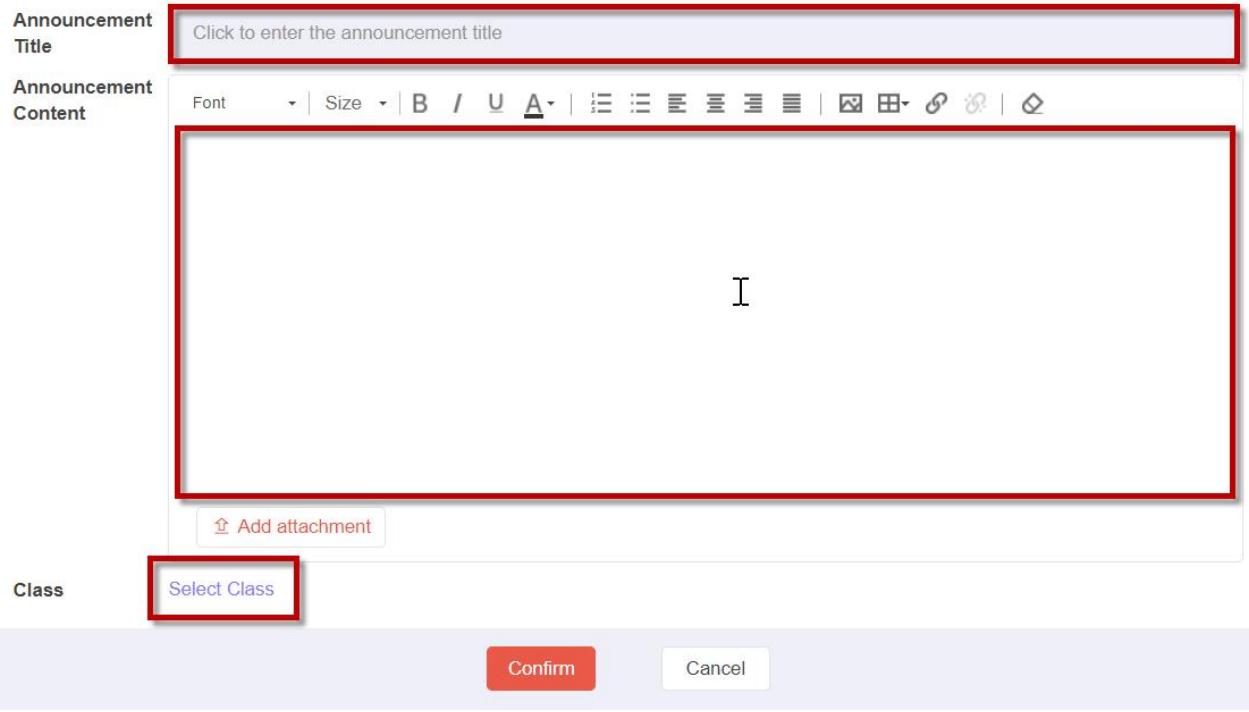
Announcements

Creating Announcement

Step	Action
1	<p>On the course homepage screen, click the Create Announcement button:</p>  <p>The screenshot shows a course homepage for 'cs106a Programming Methodology'. On the left, there's a sidebar with 'Announcements' selected. The main area has a heading 'Announcements' with a sub-section 'Course Announcements' showing 'Total 0 Found'. A prominent red box highlights the 'Create Announcement' button at the bottom right of the announcements section.</p>

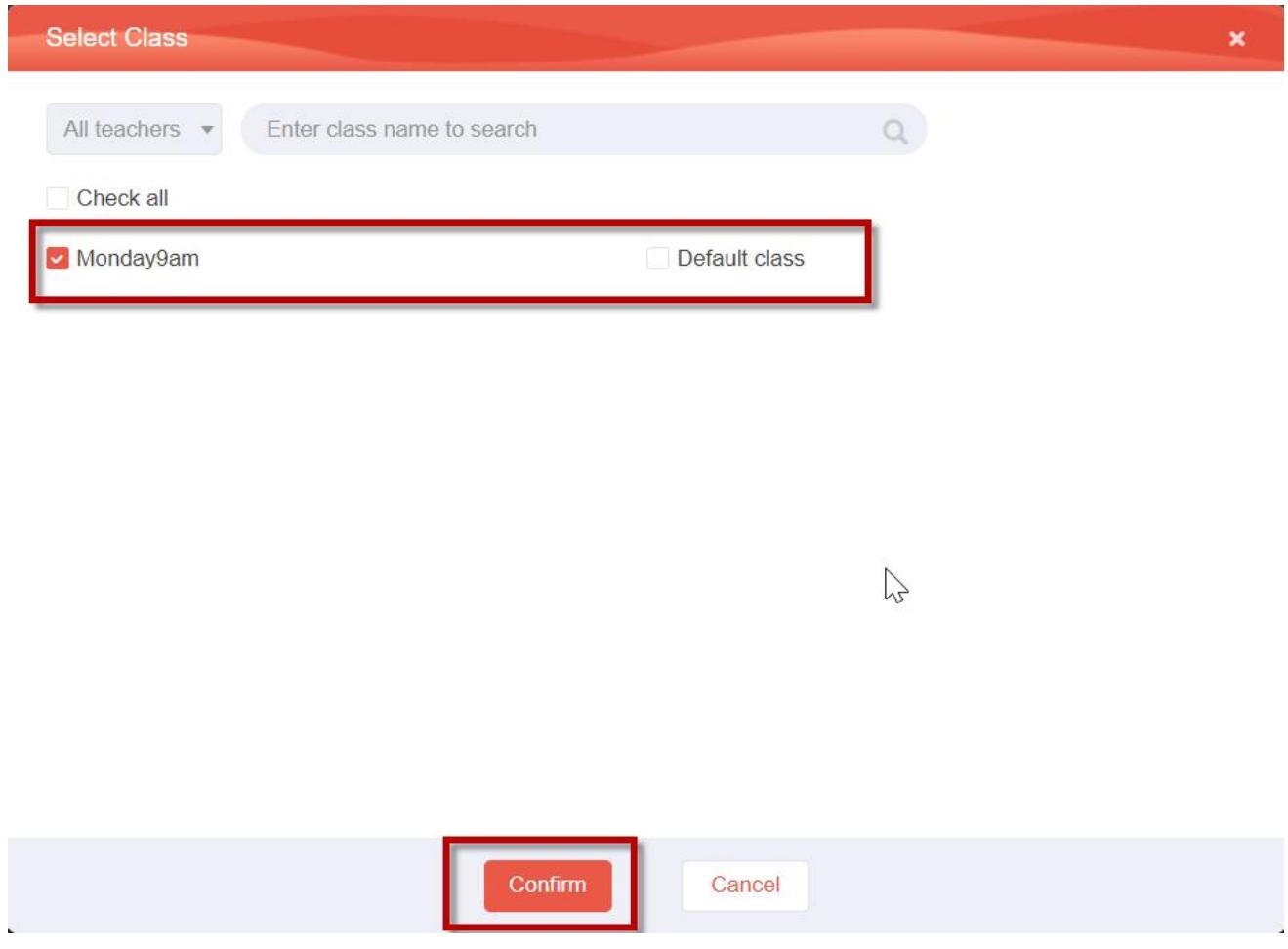
From the **Create Announcement** popup window:

- Enter the announcement title.
 - Enter the announcement content.
- Notes:** It is a rich text editor field. You can enter texts, images, tables, links, etc. You can also upload attachments here.
- Click the **Select Class** link.



From the **Select Class** popup window:

- Select the class(es) you want to publish the announcement to.
- Click the **Confirm** button.



3

4

From the **Create Announcement** popup window, click the **Confirm** button.

The screenshot shows a 'Create Announcement' dialog box. At the top, there is a title field labeled 'Announcement Title' containing 'Welcome to CS106a'. Below it is a rich text editor toolbar with various styling options like font size (14), bold (B), italic (I), underline (U), and alignment (center, justify). The main content area contains the following text:

This course is the largest of the introductory programming courses and is one of the largest courses at our school. Topics focus on the introduction to the engineering of computer applications emphasizing modern software engineering principles: object-oriented design, decomposition, encapsulation, abstraction, and testing.

Programming Methodology teaches the widely-used Java programming language along with good software engineering principles. Emphasis is on good programming style and the built-in facilities of the Java language. The course is explicitly designed to appeal to humanists and social scientists as well as hard-core techies. In fact, most Programming Methodology graduates end up majoring outside of the School of Engineering.

Prerequisites: The course requires no previous background in programming, but does require considerable dedication and hard work.

Please download the **syllabus** attached to this announcement.

Below the text, there is an 'Add attachment' button with a red arrow icon and a file listed: '02-syllabus.pdf' (294.0KB) with a 'Delete' link. On the left, there is a 'Class' section with a dropdown menu showing 'Monday9am' and a close button ('X'). A cursor arrow points towards the 'Confirm' button at the bottom right of the dialog. The 'Confirm' button is highlighted with a red border.

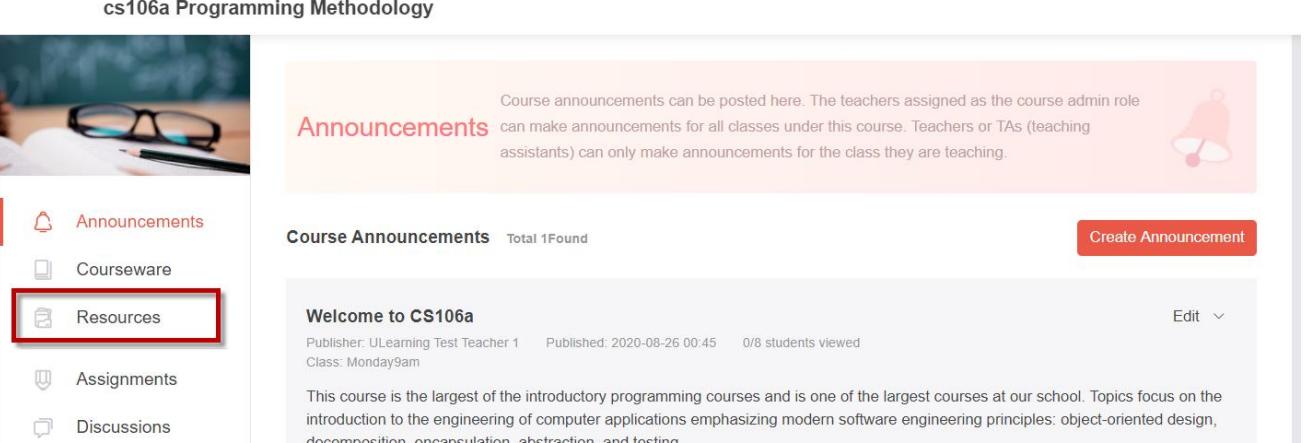
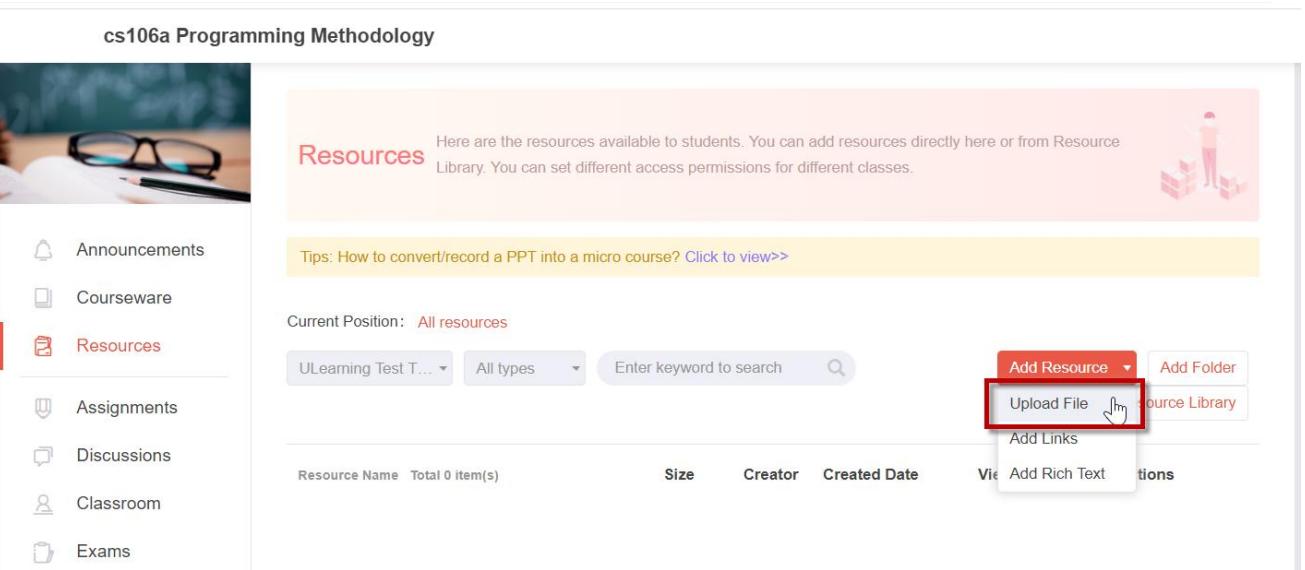
5

You'll see that your newly created announcement is posted to the course announcement screen.

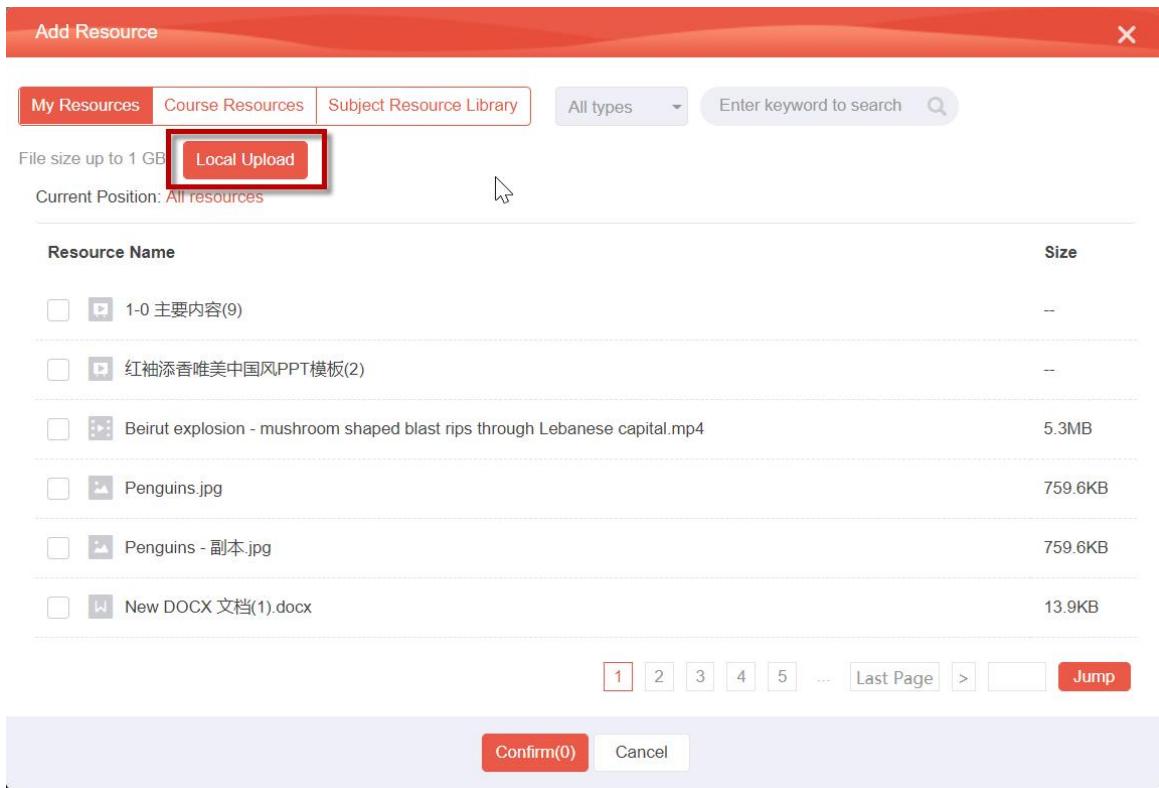
The screenshot shows the course management interface for 'cs106a Programming Methodology'. On the left, a sidebar lists various course management options: Announcements (selected), Courseware, Resources, Assignments, Discussions, Classroom, Exams, Grades, Analytics, Members, and Settings. The main content area is titled 'Announcements' and contains a pink informational box stating: 'Course announcements can be posted here. The teachers assigned as the course admin role can make announcements for all classes under this course. Teachers or TAs (teaching assistants) can only make announcements for the class they are teaching.' A red bell icon is also present. Below this is a section titled 'Course Announcements' with a sub-section header 'Welcome to CS106a'. It includes details: Publisher: ULearning Test Teacher 1, Published: 2020-08-26 00:45, 0/8 students viewed, and Class: Monday9am. The text describes the course as the largest introductory programming course, focusing on Java programming and software engineering principles. It mentions that the course is designed for both humanists and social scientists. Prerequisites are noted as requiring no previous background in programming but considerable dedication. A download link for '02-syllabus.pdf' (294.0KB) is provided. A red box highlights the '02-syllabus.pdf' download link.

Resources

Adding Resource (from your computer)

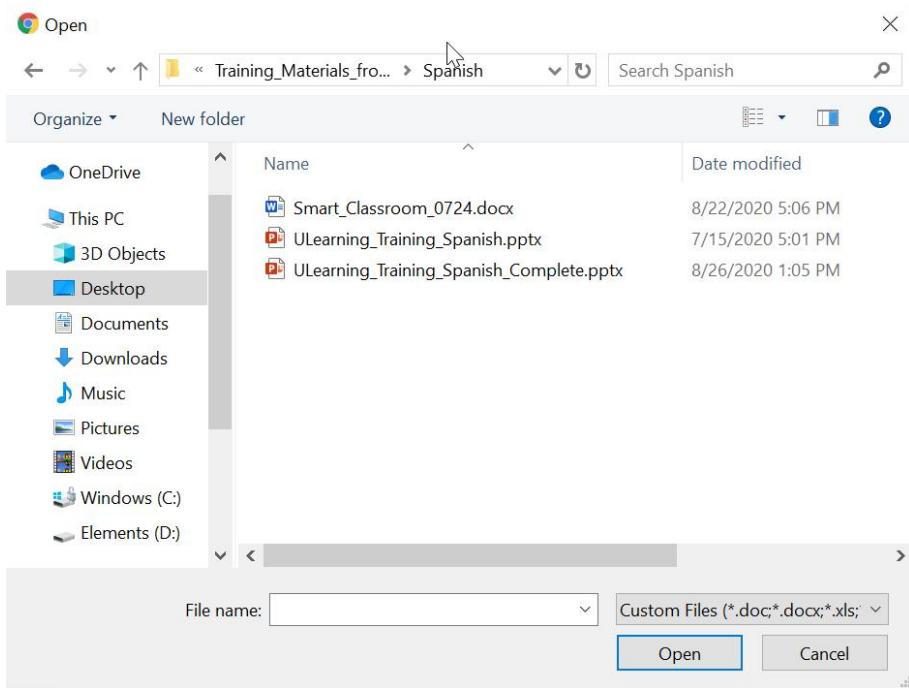
Step	Action
1	<p>On the course homepage screen, click the Resources tab:</p>  <p>The screenshot shows the 'cs106a Programming Methodology' course homepage. On the left, there's a sidebar with links: Announcements, Courseware, Resources (which is highlighted with a red box), Assignments, and Discussions. The main content area has a pink header 'Announcements' with a bell icon. Below it, there's a 'Course Announcements' section with a single item ('Total 1 Found') and a 'Create Announcement' button. A 'Welcome to CS106a' box follows, containing course details like publisher, publication date, and student views, along with an 'Edit' link.</p>
2	<p>From the Resources screen:</p> <ul style="list-style-type: none">Click the Add Resource drop-down menu.Click the Upload File option.  <p>The screenshot shows the 'Resources' screen for the same course. The sidebar now includes Classroom and Exams. The main area has a pink header 'Resources'. Below it, there's a 'Tips' box about converting PPTs. The search bar includes dropdowns for 'Current Position' (set to 'All resources'), 'ULearning Test T...', 'All types', and a search input. To the right, there's a 'Add Resource' dropdown menu with options: 'Upload File' (which is highlighted with a red box), 'Source Library', 'Add Folder', 'Add Links', 'View', 'Add Rich Text', and 'tions' (partially visible). A table below lists resources with columns for Name, Total items, Size, Creator, Created Date, View, Add Rich Text, and tions.</p>

From the **Add Resource** popup window, click the **Local Upload** button.



3

From the **Upload** popup window, select the file you want to upload and then click the **Open** button.



4

5

From the **Upload** window:

- You'll see the file you just uploaded is selected.
- Notes:** You can continue to upload more files before you go to the next step.
- Click the **Confirm (n)** button.

The screenshot shows the 'Add Resource' interface. At the top, there are tabs for 'My Resources' (selected), 'Course Resources', and 'Subject Resource Library'. Below that, there's a search bar with 'Enter keyword to search' and a dropdown for 'All types'. A note says 'File size up to 1 GB' and there's a 'Local Upload' button. The current position is set to 'All resources'. The main area lists files under 'Resource Name' and 'Size'. The first file, 'ULearning_Training_Spanish_Complete.pptx', has a checked checkbox and is highlighted with a red box. Other files listed include '1-0 主要内容(9)', '红袖添香唯美中国风PPT模板(2)', 'Beirut explosion - mushroom shaped blast rips through Lebanese capital.mp4', 'Penguins.jpg', and 'Penguins - 副本.jpg'. At the bottom, there are navigation links (1, 2, 3, 4, 5, ..., Last Page, >, Jump) and two buttons: 'Confirm(1)' (highlighted with a red box) and 'Cancel'.

The file is now listed on the **Resources** screen.

6

Resources Here are the resources available to students. You can add resources directly here or from Resource Library. You can set different access permissions for different classes.



Tips: How to convert/record a PPT into a micro course? [Click to view>>](#)

Current Position: [All resources](#)

ULearning Test T... ▾

All types ▾

Enter keyword to search



Add Resource ▾

Add Folder

Resource Library

Resource Name Total 1 item(s)

Size

Creator

Created Date

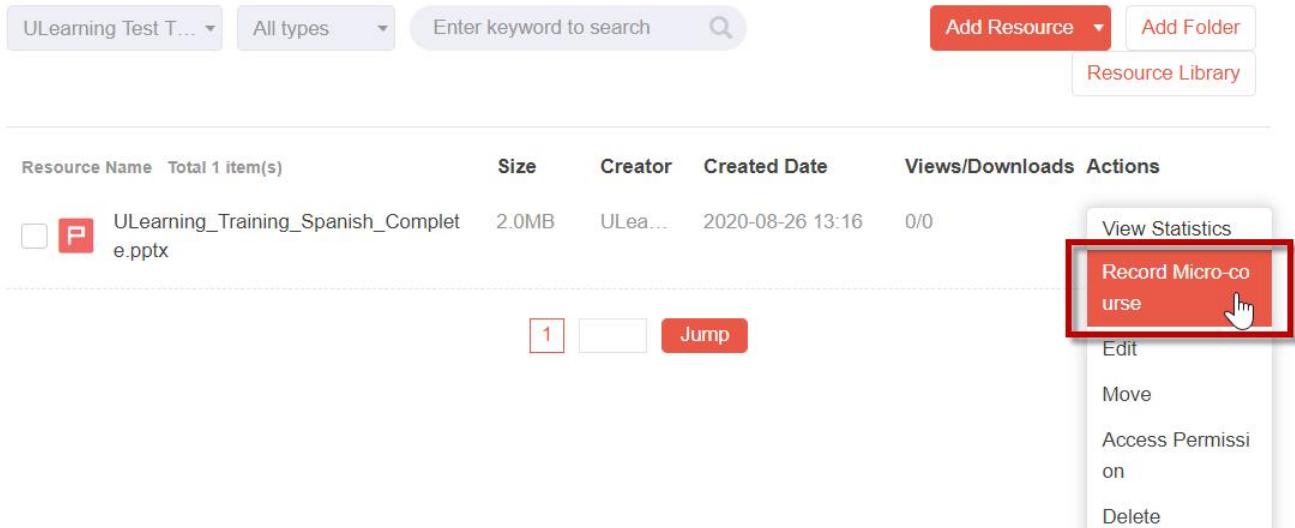
Views/Downloads Actions

<input type="checkbox"/> ULearning_Training_Spanish_Complete.pptx	2.0MB	ULea...	2020-08-26 13:16	0/0	View Statistics ▾
---	-------	---------	------------------	-----	-----------------------------------

1 / 1

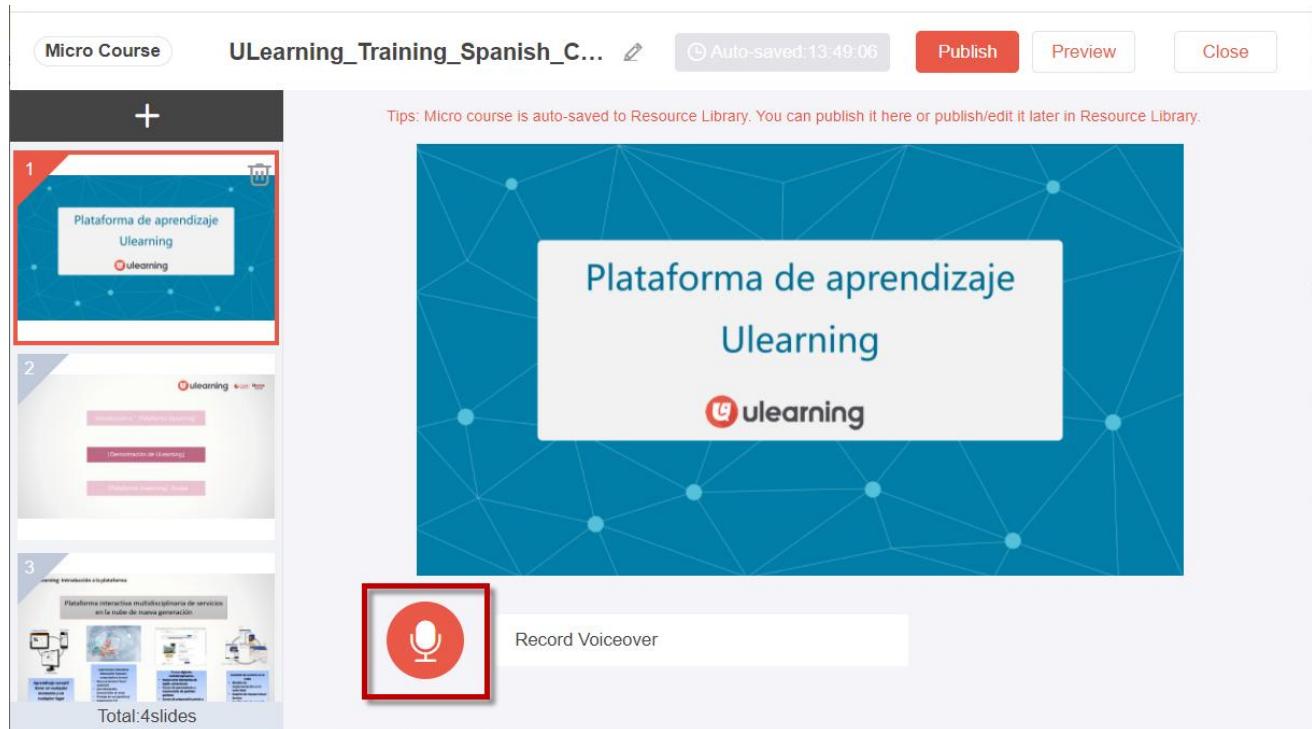
Jump

Creating Micro Course

Step	Action
1	<p>On the Resources screen:</p> <ul style="list-style-type: none">Click the Actions drop-down next to the resource you want to convert to a micro course.Click the Record Micro-course option.  <p>The screenshot shows the 'Resource Library' interface. At the top, there are filters for 'ULearning Test T...', 'All types', and a search bar. Below is a table with columns: Resource Name, Total 1 item(s), Size, Creator, Created Date, Views/Downloads, and Actions. A single item is listed: 'ULearning_Training_Spanish_Complete.pptx' (2.0MB, ULea..., 2020-08-26 13:16, 0/0). A context menu is open over this item, with 'Record Micro-course' highlighted in red and a cursor icon pointing to it. Other menu options include 'View Statistics', 'Edit', 'Move', 'Access Permission', and 'Delete'.</p>

It opens the **Micro Course Editor** window with the file loaded.

- Click the **Record Voiceover** button for the slide you want to add audio.

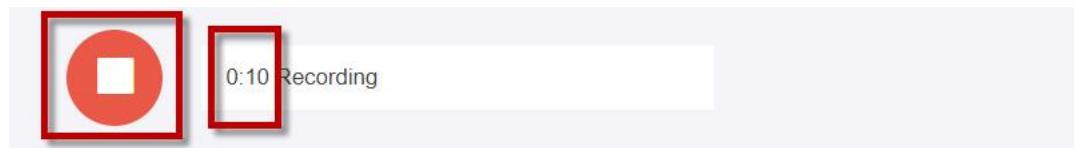


2

When you're done with the recording, click the **Stop** button to terminate the recording.

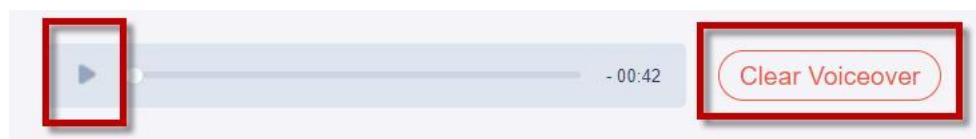
Notes: The recording time displays next to the **Stop** button.

3



4

- Click the **Play** button to listen to your recording.
- If you are not satisfied, click the **Clear Voiceover** button and redo the recording.



5

If you want to clear the voiceover for this slide, click the **Confirm** button.

Delete

Confirm to delete?



Confirm

Cancel

- Click the next slide on the left slide thumbnail pane and record voiceover to it.
- Repeat this process to add voiceover to the slides you want to add voiceover to.

Micro Course ULearning_Training_Spanish_C... Auto-saved: 14:26:06 Publish Preview Close

Tips: Micro course is auto-saved to Resource Library. You can publish it here or publish/edit it later in Resource Library.

Ulearning -Introducción a la plataforma

Plataforma interactiva multidisciplinaria de servicios en la nube de nueva generación

Aprendizaje versatil Hora: en cualquier momento y en cualquier lugar Espacialmente: multi-terminal

Experiencia Interactiva Interacción humano-computadora (curso) • Desarrollo facial (examen) • Live Interactive (transmisión en vivo) • Real de VR (práctica) • Experiencia VR (entrenamiento práctico) • Gráfico de conocimiento (análisis)

Cursos digitales multidisciplinarios. • Nueva serie interactiva de Inglés universitario • Cursos de pensamiento y construcción de partidos políticos • Cursos de preparación previa a la prueba • Apoyar cursos de autoconstrucción basados en la escuela

Garantía de servicio en la nube • Modelos de implementación en la nube SaaS • Soporte de Huawei Cloud Service • Certificación de garantía de primer nivel de nivel 3 • Servicio 7 * 24 horas

Record Voiceover

6

Plataforma de aprendizaje
Ulearning
Ulearning

0:10

1

2

3

Total: 4 slides

To add more slides to this micro course:

- Click the + sign at the top left corner of the screen.
- Select the file type you want to add and then click.

7

ULearning_Training_Spanish_C...

Tips: Micro course is auto-saved to Resou

PPT/PDF

Image

0:20

Plataforma in en

Plataforma interactiva multidiplomática de servicios

It opens the **Add Resource** popup window with all the available files of the type you chose or you can upload a file from your local computer:

- Select the file(s).
- Click the **Confirm (n)** button.

8

Add Resource

Enter keyword to search

Current Position: All resources

Resource Name

Size

Resource Name	Size
<input checked="" type="checkbox"/> Penguins.jpg	759.6KB
<input type="checkbox"/> Penguins - 副本.jpg	759.6KB
<input type="checkbox"/> Chrysanthemum.jpg	858.8KB
<input type="checkbox"/> QQ截图20200611212220.png	45.3KB
<input type="checkbox"/> browse(1).png	3.3KB
<input type="checkbox"/> browse.png	3.3KB

File size up to 1 GB Local Upload

1 2 > Jump

Confirm(1) Cancel

Follow the same process to record voiceover for the newly added slide(s).

9

The screenshot shows the ULearning platform's micro course editor. At the top, there are buttons for 'Micro Course', 'ULearning_Training_Spanish_C...', 'Publish', 'Preview', and 'Close'. A status bar indicates 'Auto-saved: 14:52:06'. Below this, a sidebar lists slide thumbnails: '1 Introducción a la Plataforma', '2 Diferencias de la formación', '3 Plataforma interactiva multidisciplinaria de servicios en la nube de marca generación', and '4' (which is highlighted with a red border). The slide '4' shows three King penguins standing on a sandy beach. To the right of the slide, there is a 'Record Voiceover' button with a microphone icon, also highlighted with a red border. The bottom of the sidebar shows 'Total: 5 slides'.

To adjust the order of the slides, drag the slide where you want the slide to go.

10

This screenshot shows the same micro course editor as the previous one, but with a change in slide order. The slide '4' (the one with the penguins) is now at the top of the list, indicated by a red border around its thumbnail. The other slides remain in their original positions. The rest of the interface is identical to the previous screenshot, including the 'Record Voiceover' button and the status bar.

11

To remove a slide from your micro course, click the little **Delete** button on the top right corner of the slide thumbnail on the slide navigation pane.

Notes: Be cautious to this action since the deletion is irrecoverable.

The screenshot shows the ULearning platform interface for creating a micro course. At the top, there's a navigation bar with 'Micro Course' and the course title 'ULearning_Training_Spanish_C...'. Below it is a toolbar with 'Auto-saved: 15:15:06', 'Publish', 'Preview', and 'Close' buttons. The main area displays a slide titled 'Ulearning -Introducción a la plataforma' with the subtitle 'Plataforma interactiva multidisciplinaria de servicios en la nube de nueva generación'. The slide content includes several images and text boxes. On the left, a slide navigation pane shows four slides numbered 2, 3, and 4, each with a thumbnail and a play button. A red box highlights the delete icon (a small trash can) in the top right corner of the slide 3 thumbnail. The bottom of the slide navigation pane has the text 'javascript:; tal:4slides'.

12

Click the **Preview** button to preview the micro course in editing.

The screenshot shows the ULearning Micro Course editor interface. At the top, there's a header with 'Micro Course' and the title 'ULearning_Training_Spanish_C...'. It includes a 'Publish' button and a 'Preview' button, which is highlighted with a red box. A tip message at the top right says: 'Tips: Micro course is auto-saved to Resource Library. You can publish it here or publish/edit it later in Resource Library.' Below the header, there are three slides:

- Slide 1:** Title 'Ulearning -Introducción a la plataforma'. Content: 'Plataforma interactiva multidisciplinaria de servicios en la nube de nueva generación'. Includes images of a computer monitor, smartphone, and tablet displaying the platform. Text: 'Aprendizaje versatil Hora: en cualquier momento y en cualquier lugar Espacialmente: multi-terminal'.
- Slide 2:** Title 'Experiencia interactiva Interacción humano-computadora (curso)'. Content: 'Reconocimiento facial (examen)', 'Live Interaction (transmisión en vivo)', 'Puntaje de voz (práctica)', 'Experiencia VR (entrenamiento práctico)', and 'Gráfico de conocimiento (análisis)'. Includes a screenshot of a computer screen showing a presentation slide.
- Slide 3:** Title 'Cursos digitales multidisciplinarios'. Content: 'Nuevos series interactivas de inglés y matemática', 'Cursos de pensamiento y construcción de partículas políticas', 'Cursos de preparación previa a la prueba', 'Apoyar cursos de monitoreo y construcción basados en la escuela'. Includes a screenshot of a computer screen showing a presentation slide.

At the bottom of the editor, there's a progress bar showing '00:48' and a 'Clear Voiceover' button.

Notes: The micro course is automatically saved to the Resource Library. If you're not ready to publish this micro course, you're done with creating the micro course. You can close the Micro Course editor window and return to the Resource window.

The preview is same as the view when your students are viewing this micro course. You can use the Up/Down button to go back/forward throughout the slides.

13

ULEarning -Introducción a la plataforma

Plataforma interactiva multidisciplinaria de servicios en la nube de nueva generación

Aprendizaje versatil
Hora: en cualquier momento y en cualquier lugar
Espacialmente: multi-terminal

Experiencia interactiva
Interacción humano-computadora (curso)
• Reconocimiento facial (análisis)

- Live interactivo (transmisión en vivo)
- Puntaje de voz (práctica)
- Experiencia VR (entretenimiento práctico)
- Gráfico de conocimiento (análisis)

Cursos digitales multidisciplinarios.

- Nueva serie interactiva de Inglés universitario
- Cursos de pensamiento y construcción de partidos
- Cursos de preparación previa a la prueba
- Apoyar cursos de

Garantía de servicio en la nube

- Modelo de implementación en la nube SaaS
- Soporte de Huawei Cloud Service
- Certificación de garantía de primer nivel de nivel 3
- Servicio 7 * 24 horas

Voiceover:'Listened but not completed'0:31

Close

3/4

Publishing Micro Course

Step	Action
1	<p>If you are ready to publish this micro course in editing, click the Publish button.</p> 
2	<p>Click the Confirm button.</p>  <p>Tips</p> <p>Micro course is available to students right after it's published. Are you sure you want to publish it now?</p>

The micro course is listed on your course's **Resources** screen and ready for the students to consume.

Resources

Here are the resources available to students. You can add resources directly here or from Resource Library. You can set different access permissions for different classes.



Tips: How to convert/record a PPT into a micro course? [Click to view>>](#)

Current Position: All resources

3

ULearning Test T...

All types

Enter keyword to search



Add Resource

Add Folder

Resource Library

Resource Name	Total 2 item(s)	Size	Creator	Created Date	Views/Downloads	Actions
---------------	-----------------	------	---------	--------------	-----------------	---------

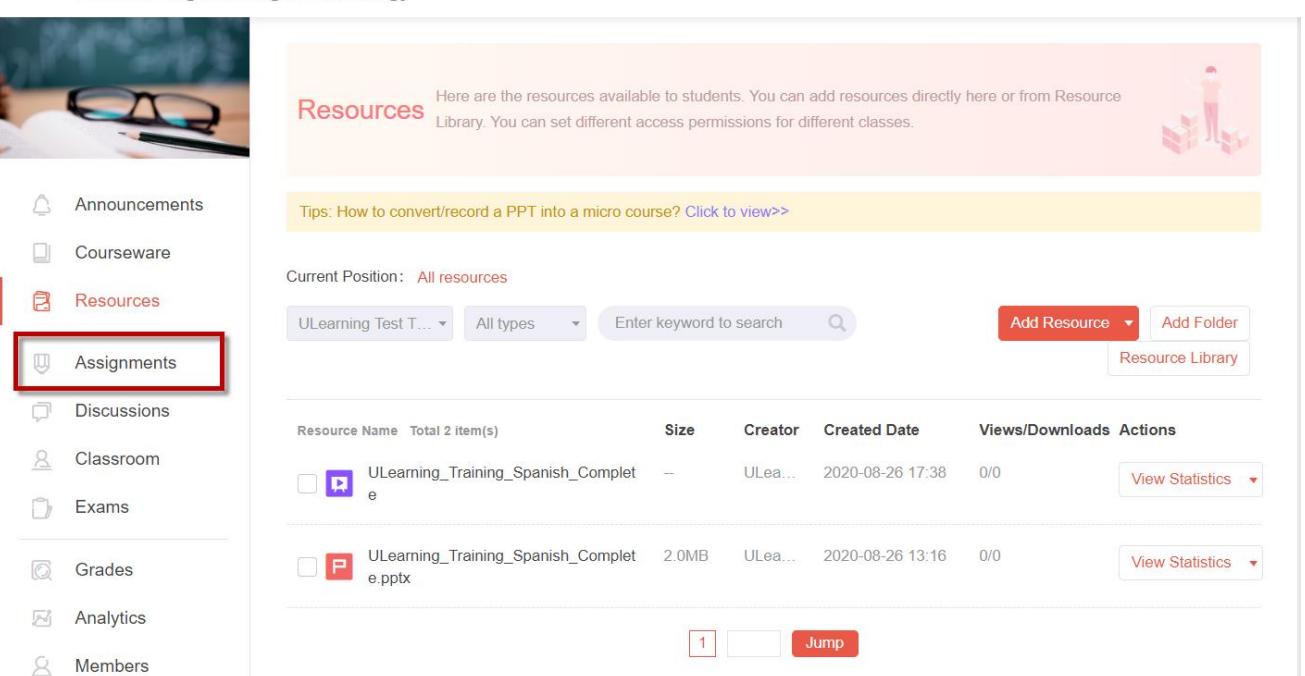
<input type="checkbox"/>  ULearning_Training_Spanish_Complete.pptx		-	ULea...	2020-08-26 17:38	0/0	View Statistics
<input type="checkbox"/>  ULearning_Training_Spanish_Complete.pptx		2.0MB	ULea...	2020-08-26 13:16	0/0	View Statistics

1

Jump

Assignments

Creating and Publishing Individual Assignment

Step	Action
1	<p>From the course homepage, click the Assignment tab.</p>  <p>The screenshot shows the course homepage for 'cs106a Programming Methodology'. On the left, there's a sidebar with various navigation links: Announcements, Courseware, Resources (which is the current tab, highlighted with a red box), Assignments (also highlighted with a red box), Discussions, Classroom, Exams, Grades, Analytics, and Members. The main content area has a pink header bar with the text 'Resources' and a sub-instruction: 'Here are the resources available to students. You can add resources directly here or from Resource Library. You can set different access permissions for different classes.' Below this, there's a yellow tip box: 'Tips: How to convert/record a PPT into a micro course? Click to view>>'. Underneath, it says 'Current Position: All resources'. There are filters for 'ULearning Test T...' and 'All types', a search bar, and buttons for 'Add Resource', 'Add Folder', and 'Resource Library'. A table lists two items: 'ULearning_Training_Spanish_Complete' (size -) and 'ULearning_Training_Spanish_Complete.pptx' (size 2.0MB). Both have 'View Statistics' buttons. At the bottom, there's a page navigation bar with '1' and 'Jump'.</p>

- Click the **+ Assignment** button.
- Click the **Individual Assignment** option.

2

cs106a Programming Methodology

All assignments (including quizzes) from your class for this course are shown here. Course administrators (teachers assigned as course admin) can view all class assignments, and teachers and teaching assistants can view only their own class assignments.

Assignments

ULearning Test... All classes

All Individual Assignments Group Assignments Quizzes

+ Assignment

Individual Assignments (highlighted with a red box and a hand cursor icon)

Group Assignments Quizzes

- Fill out the assignment details or select options as desired.

3

Assigning Homework

2020-08-26 18:10 Assignment

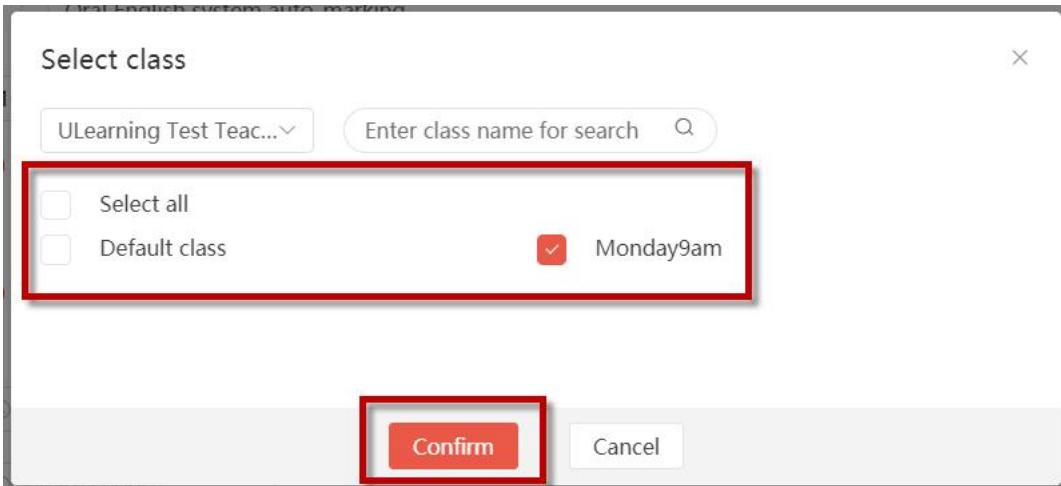
Font 16 B U A

Please enter assignment requirements. The assignment can support up to 5000 words. Mobile app only supports uploading pictures and recording, other types of attachments need to be submitted by students using the computer in web version.

*Evaluation Methods Teacher Evaluation Peer Evaluation English writing system auto-marking
 Oral English system auto-marking

*Full marks

*Display Grade Points Letter grade Points-letter conversion
as

	<p>*Assignment <input checked="" type="radio"/> Same for classes <input type="radio"/> Different across classes</p> <p>Time</p> <p>*Start Time <input type="text" value="2020-08-26 18:10"/></p> <p>* Deadline for submission <input type="text" value="Please choose"/></p> <p>* Participation in class <input style="border: 2px solid red; padding: 5px; width: fit-content; margin-left: 10px;" type="button" value="Select class"/></p> <p>Advanced Setting</p> <table border="0"> <tr> <td><input type="checkbox"/> OFF files, etc.</td><td>Allow students to upload attachments</td><td>Support online recording, documentation, audio, video, pictures, zipped</td></tr> <tr> <td><input checked="" type="checkbox"/> ON</td><td>Allow copy and paste</td><td>Students can only enter manually after cancellation. Please be careful.</td></tr> <tr> <td><input type="checkbox"/> OFF again</td><td>Allow duplicate checking of assignment content</td><td>The contents in the assignment attachment cannot be checked</td></tr> <tr> <td><input type="checkbox"/> OFF</td><td>Allow students to use grammar check</td><td>Grammar check can detect grammatical errors in English assignment.</td></tr> </table> <p><input style="background-color: red; color: white; padding: 5px; border-radius: 10px; margin-right: 10px;" type="button" value="Publish"/> <input style="border: 1px solid #ccc; padding: 5px; border-radius: 10px;" type="button" value="Save draft"/></p> <ul style="list-style-type: none"> Click the Select class button. 	<input type="checkbox"/> OFF files, etc.	Allow students to upload attachments	Support online recording, documentation, audio, video, pictures, zipped	<input checked="" type="checkbox"/> ON	Allow copy and paste	Students can only enter manually after cancellation. Please be careful.	<input type="checkbox"/> OFF again	Allow duplicate checking of assignment content	The contents in the assignment attachment cannot be checked	<input type="checkbox"/> OFF	Allow students to use grammar check	Grammar check can detect grammatical errors in English assignment.
<input type="checkbox"/> OFF files, etc.	Allow students to upload attachments	Support online recording, documentation, audio, video, pictures, zipped											
<input checked="" type="checkbox"/> ON	Allow copy and paste	Students can only enter manually after cancellation. Please be careful.											
<input type="checkbox"/> OFF again	Allow duplicate checking of assignment content	The contents in the assignment attachment cannot be checked											
<input type="checkbox"/> OFF	Allow students to use grammar check	Grammar check can detect grammatical errors in English assignment.											
4	<ul style="list-style-type: none"> Select the class(es) you want to assign this assignment to Click the Confirm button. 												

The class(es) is added and click the **Publish** button.

5

*Start Time 2020-08-27 10:09
* Deadline for 2020-08-27 13:03 submission
* Participation Monday 9am in class Select class
Advanced Setting ON Allow students to upload attachments Support online recording, documentation, audio, video, pictures, zipped files, etc.
ON Allow copy and paste Students can only enter manually after cancellation. Please be careful.
OFF Allow duplicate checking of assignment content again The contents in the assignment attachment cannot be checked again.
OFF Allow students to use grammar check Grammar check can detect grammatical errors in English assignment.
Publish Save draft

The assignment is added to the **Assignments** screen.

6

All assignments (including quizzes) from your class for this course are shown here. Course administrators (teachers assigned as course admin) can view all class assignments, and teachers and teaching assistants can view only their own class assignments.

Assignments

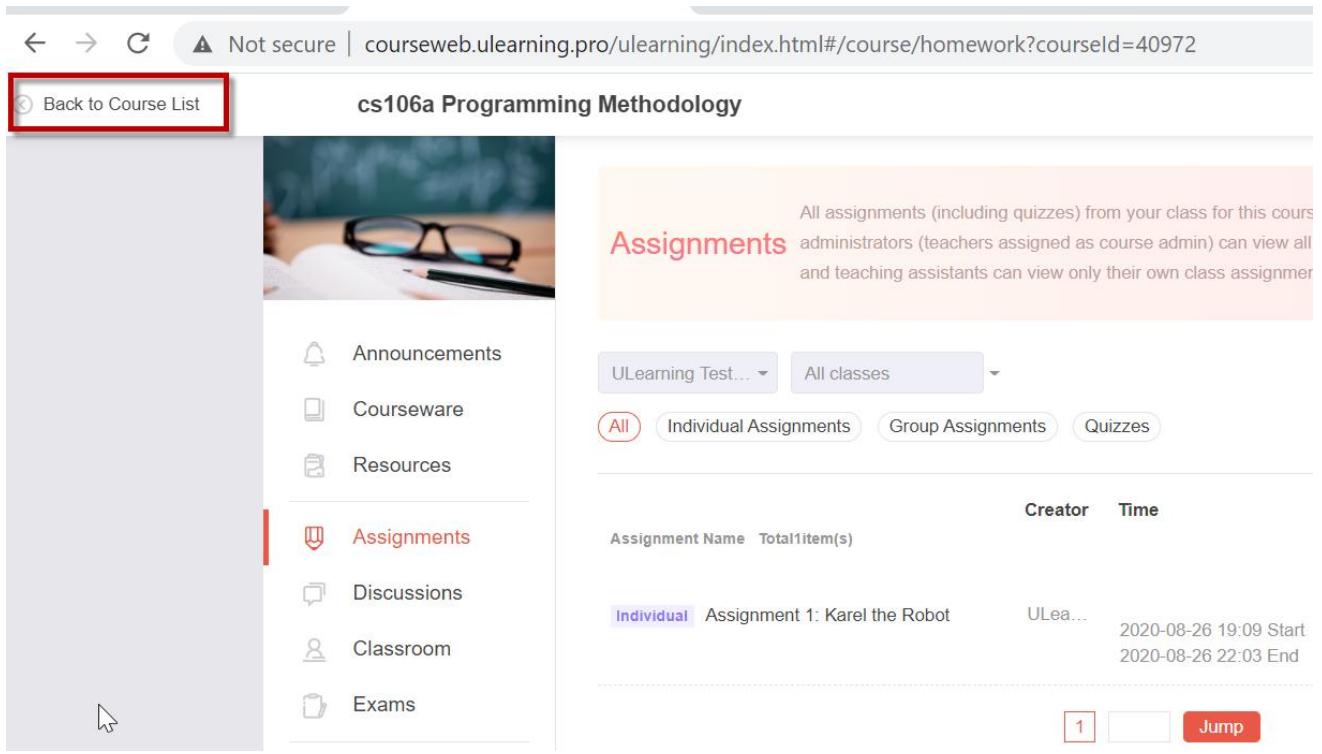
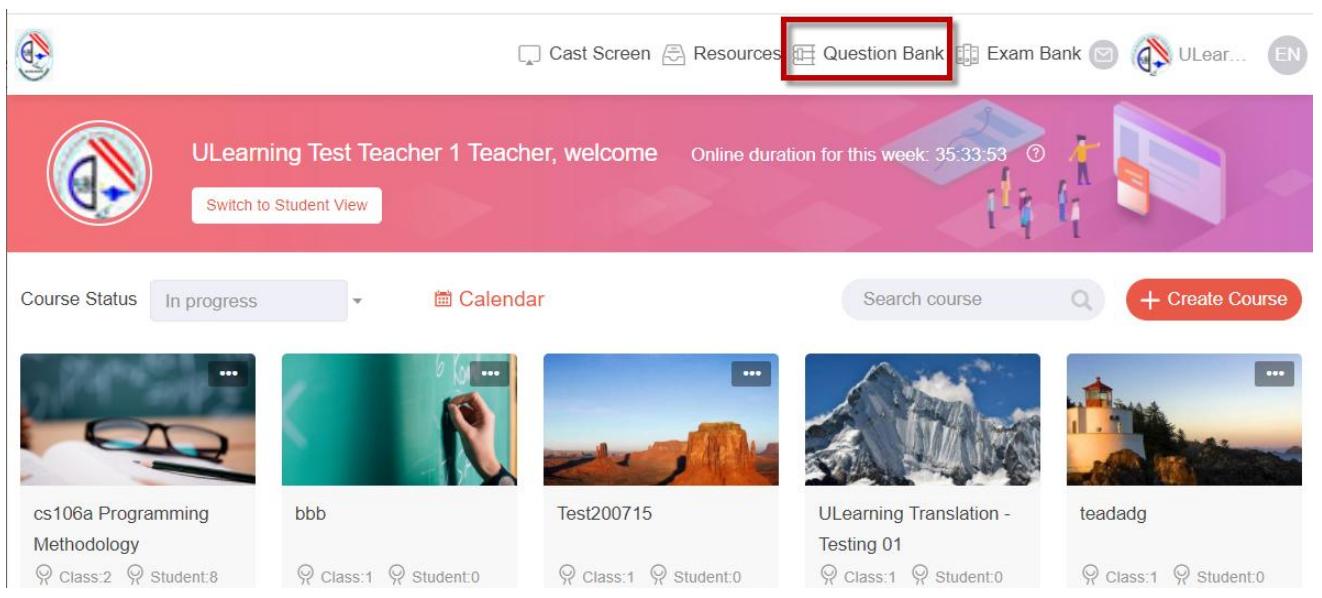
ULearning Test... ▾ All classes ▾ + Assignment ▾

All Individual Assignments Group Assignments Quizzes

Assignment Name	Creator	Time	Submitted	Ungraded	Actions
Assignment 1: Karel the Robot	ULea...	2020-08-26 19:09 Start 2020-08-26 22:03 End	0/8	0	Grade ▾

1 Jump

Creating Questions

Step	Action
1	<p>From the Assignments screen, click the Back to Course List link.</p> 
2	<p>On the Course List screen, click the Question Bank link.</p> 

3

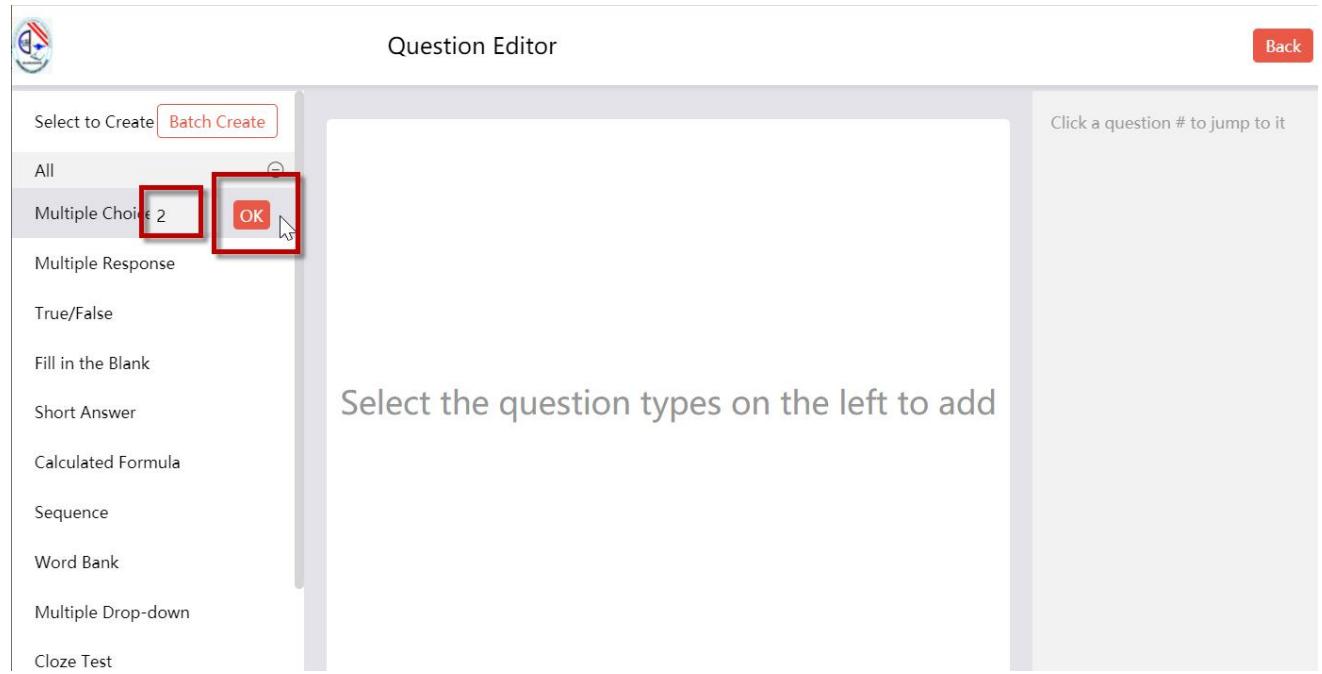
On the **Question Bank** page, click the **Add Question** button.

The screenshot shows the 'Exam Question Bank' interface. At the top, there are navigation icons and a search bar. Below the header, there are three tabs: 'My Question Bank' (highlighted in red), 'School Question Bank', and 'Shared Question Bank'. A breadcrumb trail indicates the current position: 'Back | Current Position: All Questions > Question Templates'. Below the tabs, there are filters for 'Newest to Oldest' and 'All', a search bar, and buttons for 'Batch Import', 'Add Question' (which is highlighted with a red box), and 'Add Folder'. A link to 'Question Statistics' is also present. Under the filters, there is a checkbox for 'Select all on this page'. Below this, a specific question card is shown for a 'Combination' question with code 6810409, 6 scores total, and a difficulty rating of 5 stars. The card includes a 'Details >>' link and a 'Last Updated: 2020-06-19 02:35:43' timestamp.

4

On the **Question Editor** page:

- Mouseover the question type you want to create question(s) from on the left pane.
- Enter the number of the questions you want to create.
- Click the **Ok** button.



The question(s) is added in the middle question content area.

5

The screenshot shows the Question Editor interface. On the left, a sidebar lists various question types: All, Multiple Choice, Multiple Response, True/False, Fill in the Blank, Short Answer, Calculated Formula, Sequence, Word Bank, Multiple Drop-down, and Cloze Test. The 'Multiple Choice' option is selected and highlighted with a red border. The main workspace is titled 'Question Editor' and contains a 'Multiple Choice' question. The question stem is 'Click to enter the question'. Below it are four choice boxes labeled A, B, C, and D, each with the placeholder 'Click to enter the choice'. There is also an 'Add Item' button. At the bottom of the question area, there are buttons for 'Answer' (with radio buttons for OA, OB, OC, OD), 'Feedback', and 'Click to enter the feedback'. In the top right corner of the workspace, there is a 'Back' button. To the right of the workspace, there is a sidebar with the text 'Click a question # to jump to it' and two numbered items: 1 and 2.

- Enter details as desired.
- Then click the **Select Module** link at the bottom of the question.

Question Editor

6

D

PHP

+ Add Item

Answer A B C D

Feedback

We are going to learn Java programming language in this introductory CS course.

Points 5 Support one decimal Difficulty Very easy Share Private

Tag programming Hit Enter to add Up to 3 tags

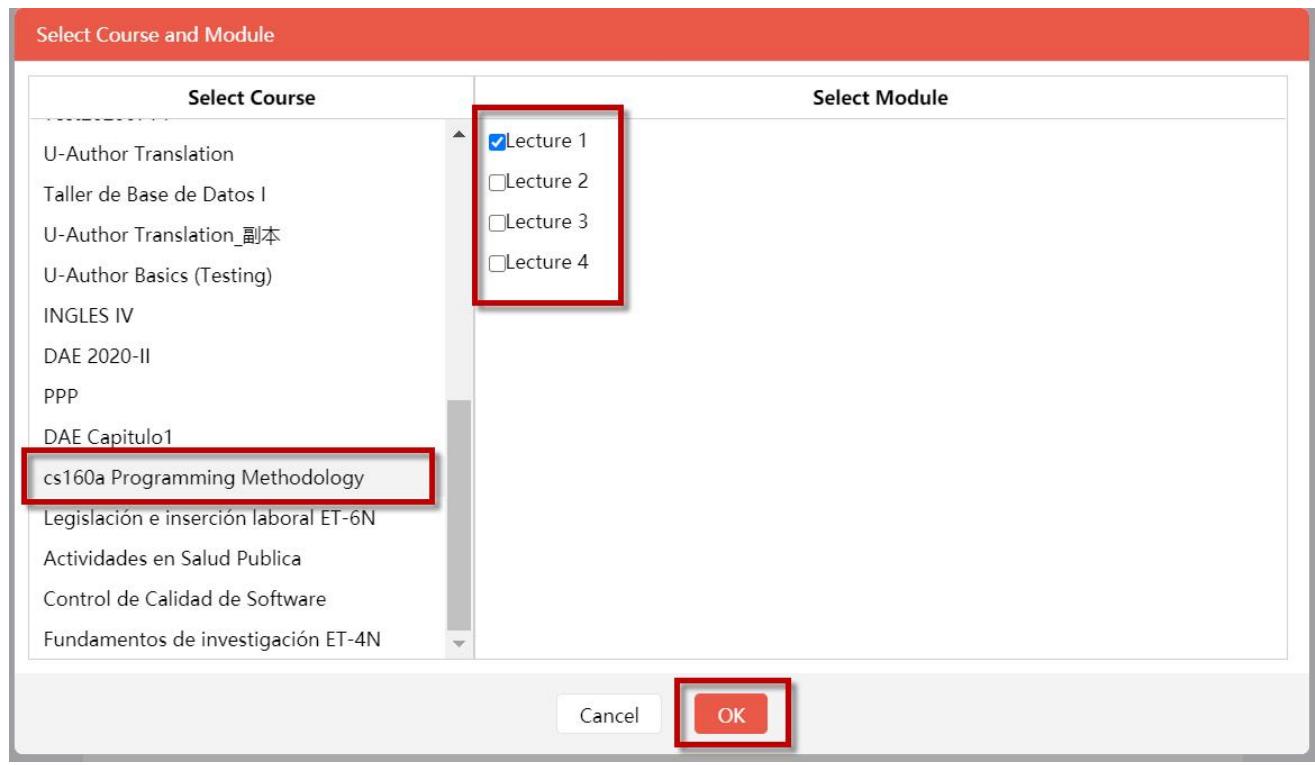
Related Module [Select Module](#)

Save

7

On the Select Course and Module popup window:

- Select the courseware the question is related to and the courseware's module titles populate the **Select Module** column.
- Select the module(s) the question is related to.
- Click the **Ok** button.

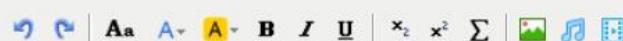


8

- The **Related Module** field is populated with the course/module titles you selected.
- Click the **Save** button.

Answer A B C D

Feedback



We are going to learn Java programming language in this introductory CS course.

Points Support one decimal Difficulty

Share

Tag

Hit Enter to add Up to 3 tags

Related Module

Select Module 

- Repeat the process to create/add as many questions as desired.
- When you're done, click the **Back** button at the top right corner of the screen.

Question Editor

Back

1 Multiple Choice

Which programming language we are going to use in this introductory CS course?

A.C++
B.Java
C.JavaScript
D.PHP

Feedback

We are going to learn Java programming language in this introductory CS course.

Points 5 score Difficulty Very easy Share Private

Tag

Related Module cs160a Programming Methodology > Lecture 1

Edit

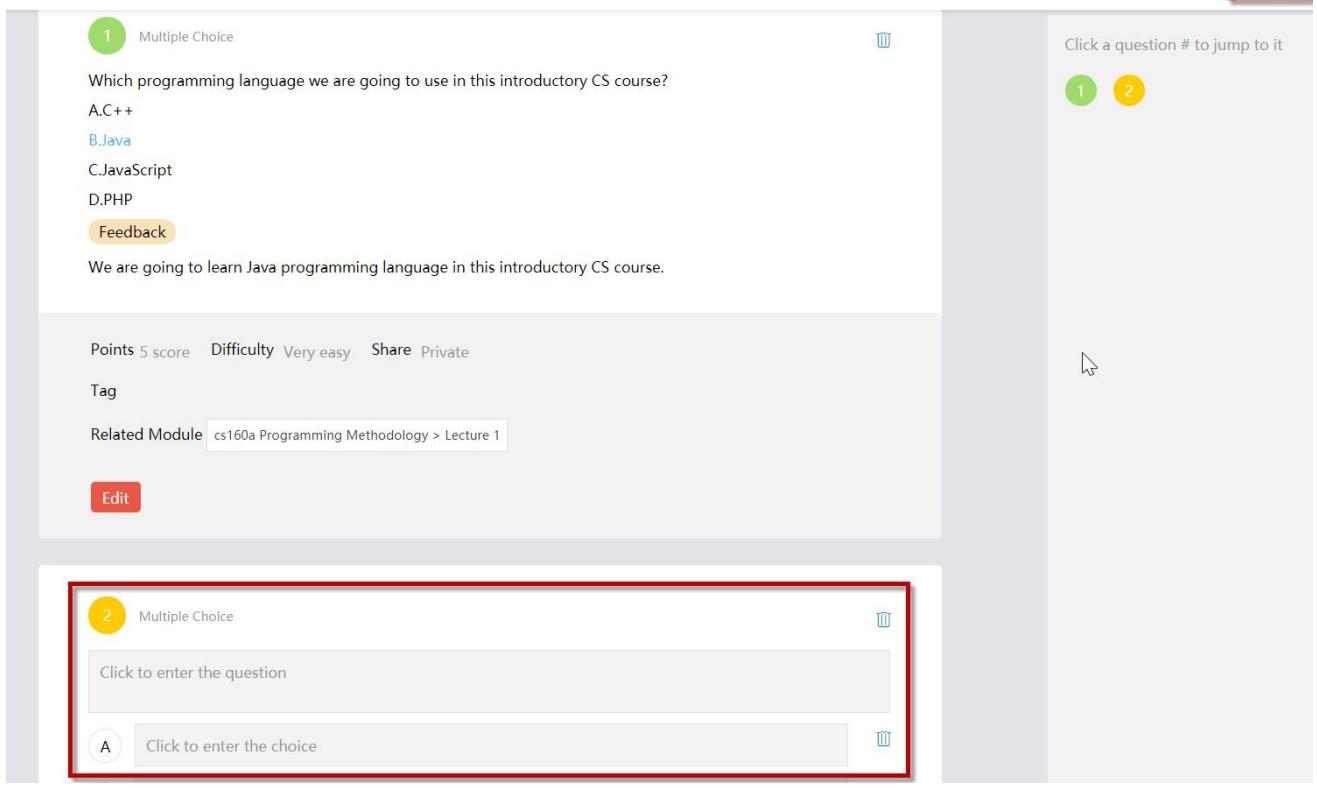
2 Multiple Choice

Click to enter the question

A Click to enter the choice

Click a question # to jump to it

1 2



10

- The newly created questions are added to the Question Bank.
- Click the **Close** button.

Question Bank

Exam Question Bank

Close

My Question Bank School Question Bank Shared Question Bank

Back | Current Position: All Questions > Question Templates

Newest to Oldest ▾ All Enter the title or code t.🔍 Question Statistics Batch Import Add Question Add Folder

Select all on this page

Code: 6810821 True/False 5 Scores Total Difficulty: ★★★★★ cs160a... > Lectur... **Edit** ▾

You need programming experience to be allowed to enroll this course.

[Details >>](#)

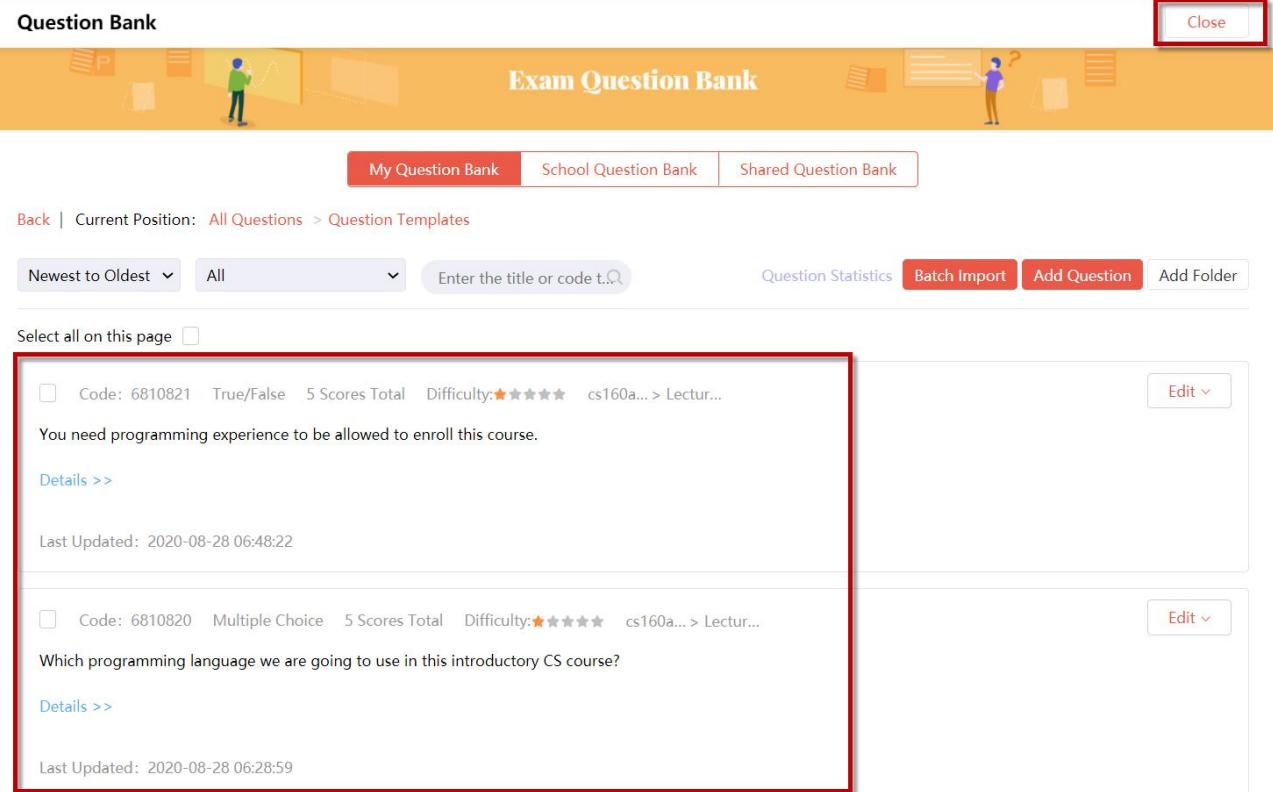
Last Updated: 2020-08-28 06:48:22

Code: 6810820 Multiple Choice 5 Scores Total Difficulty: ★★★★★ cs160a... > Lectur... **Edit** ▾

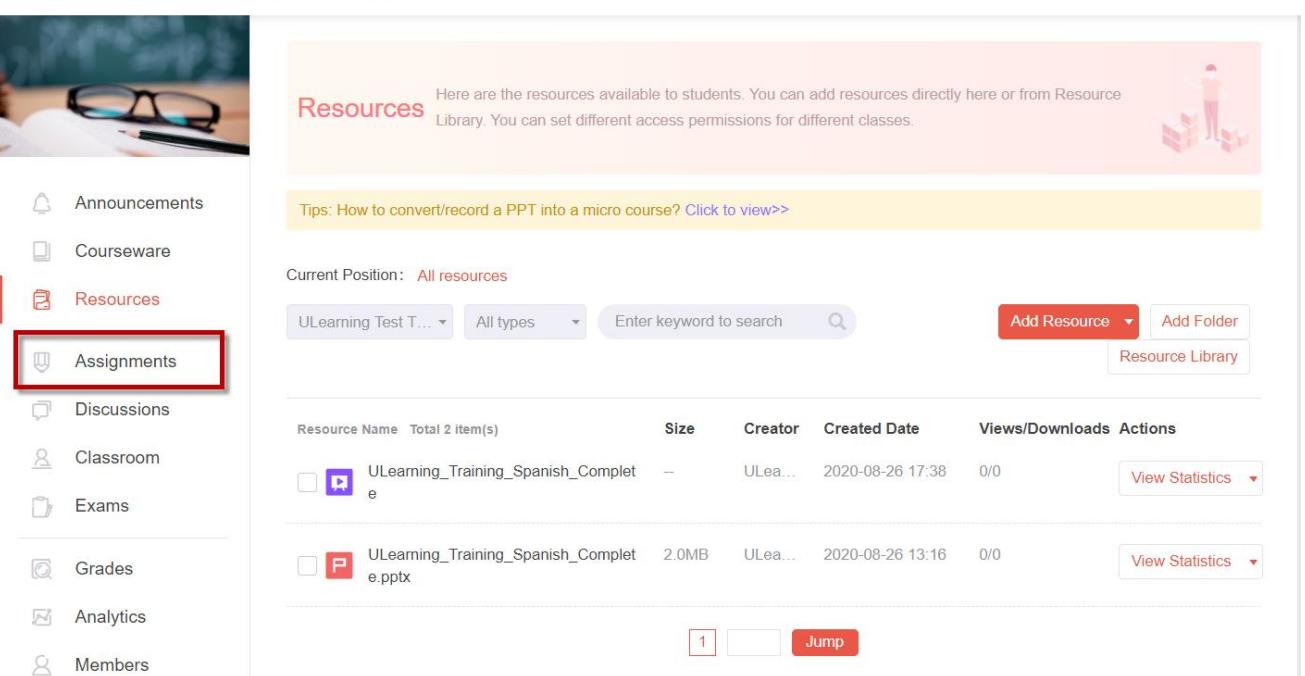
Which programming language we are going to use in this introductory CS course?

[Details >>](#)

Last Updated: 2020-08-28 06:28:59



Creating and Publishing Quiz

Step	Action
1	<p>From the course homepage, click the Assignment tab.</p>  <p>The screenshot shows the course homepage for 'cs106a Programming Methodology'. On the left, there's a sidebar with various navigation links: Announcements, Courseware, Resources (which is the current page), Assignments (highlighted with a red box), Discussions, Classroom, Exams, Grades, Analytics, and Members. The main content area is titled 'Resources' and contains a message: 'Here are the resources available to students. You can add resources directly here or from Resource Library. You can set different access permissions for different classes.' Below this is a tip: 'Tips: How to convert/record a PPT into a micro course? Click to view>>'. The search bar shows 'ULearning Test T...' and 'All types'. There are buttons for 'Add Resource' and 'Add Folder', and a link to 'Resource Library'. A table lists two items: 'ULearning_Training_Spanish_Complete' and 'ULearning_Training_Spanish_Complete.pptx'. Both items have a 'View Statistics' button. At the bottom, there's a page navigation bar with '1' and 'Jump'.</p>

- Click/Mouseover the + Assignment button.
- Click the Quizzes option.

2

All assignments (including quizzes) from your class for this course are shown here. Course administrators (teachers assigned as course admin) can view all class assignments, and teachers and teaching assistants can view only their own class assignments.

Assignments

ULearning Test... ▾ All classes ▾

(All) Individual Assignments Group Assignments Quizzes

+ Assignment ▾

Individual Assignments
Group Assignments
Quizzes

Assignment Name	Total Item(s)	Creator	Time	Submitted	Ungraded	Action
Individual Assignment 1: Karel the Robot	1	ULea...	2020-08-26 19:09 Start 2020-08-26 22:03 End	0/8	0	

1 Jump

- Enter the quiz name.
- Enter the quiz instructions.
- Click the Select Questions button.

3

*Quiz Name Module 1 Quiz

Quiz Instructions

This quiz is to test your understanding of the content you covered in Module 1.

Attachment

*Quiz Questions Select Questions

Next

On the **Select Question** page:

- Select the questions you want to add to this quiz.
- Click the **Insert** button.

4

The screenshot shows a web-based application for managing course questions. At the top, there's a navigation bar with a lock icon, the URL 'ulearning.pro/umooc/tutorv2/question.do?operation=questionIndex&parentID=6810413&id=_0&f...', and a search icon. Below it is a red header bar with the text 'Select Question'. Underneath are three tabs: 'My Question Bank' (selected), 'School Question Bank', and 'Shared Question Bank'. A search bar includes a checked checkbox for 'Select all questions on this page', a dropdown menu set to 'All', a search input field, and a red-bordered 'Insert' button. Below the search area are links to 'Go to upper folder', 'Current Position: Question Bank > Question Templates', and 'Total 15 Questions'. The main content area displays two course questions, each with a red border around its details. Question 1 is a True/False question with code 6810821, 5 points, and difficulty level ★★★★★. Its description is: 'You need programming experience to be allowed to enroll this course.' A 'Details >>' link is below it. Last updated: 2020-08-28 06:48:22. Question 2 is a Multiple Choice question with code 6810820, 5 points, and difficulty level ★★★★★. Its description is: 'Which programming language we are going to use in this introductory CS course?' A 'Details >>' link is below it. Last updated: 2020-08-28 06:28:59.

1 Code: 6810821 True/False 5分 Difficulty:★★★★★ cs160a... > Lectur... Private

You need programming experience to be allowed to enroll this course.

Details >>

Last Updated: 2020-08-28 06:48:22

2 Code: 6810820 Multiple Choice 5分 Difficulty:★★★★★ cs160a... > Lectur... Private

Which programming language we are going to use in this introductory CS course?

Details >>

Last Updated: 2020-08-28 06:28:59

The questions are added to the quiz and click the **Next** button at the bottom of the **Create Quiz** page.

Create Quiz

[Close](#)

[Delete this question](#)

This Word Bank question. You can actually add multiple blanks or sub-questions. For example, please select an answer for Question/Blank 1 [\[1 Click to select answer\]](#) ; Here is another Blank/Question 2 [\[2 Click to select answer\]](#).

A) Answer for Blank 1 B) Answer for Blank 2

4. 【Word Bank】

A B

5. 【Word Bank】

A B

[Delete this question](#)

Next

5

6

- Enter details or select the options as desired.
- Click the **Select Classes** button.

Publish

[Close](#)

[<<Back to Edit](#) Module 1 Quiz - Karel the Robot

*Points

15

*Grading

Automated Grading

Manual Grading

Cannot be edited after publishing

*Attempts

1

(Quiz score to keep highest)

*Post
Answers

Right after submission (After last attempt if multiple attempts allowed)

After due date

*Quiz Time

Same for all classes

Different across classes Select class to set quiz time

*Start/Due

2020-08-27 16:31

2020-09-06 16:36

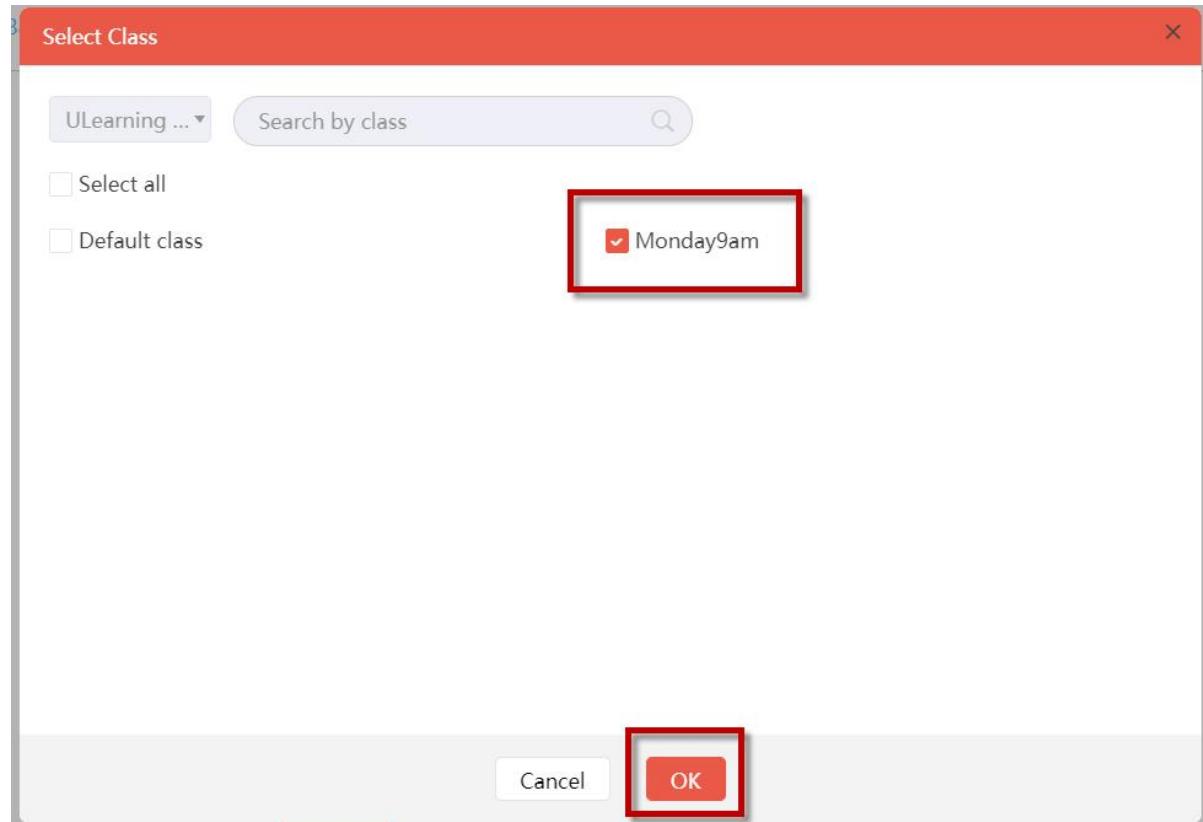
*Classes

[Select Classes](#)

[Publish](#)

On the **Select Class** popup window:

- Select the class(es) you want to assign this quiz to.
- Click the **Ok** button.



Click the **Publish** button.

*Quiz Time Same for all classes
 Different across classes Select class to set quiz time

*Start/Due

*Classes [Select Classes](#)
Monday9am 

Publish

The newly created quiz is listed on the **Assignments** screen.

The screenshot shows the Assignments screen for a course. At the top, a pink banner displays the title "Assignments" and a subtitle: "All assignments (including quizzes) from your class for this course are shown here. Course administrators (teachers assigned as course admin) can view all class assignments, and teachers and teaching assistants can view only their own class assignments." To the right of the banner is a clipboard icon.

Below the banner, there are several filter options: "ULearning Test..." with a dropdown arrow, "All classes" with a dropdown arrow, and tabs for "All", "Individual Assignments", "Group Assignments", and "Quizzes". A red button labeled "+ Assignment" with a dropdown arrow is also present.

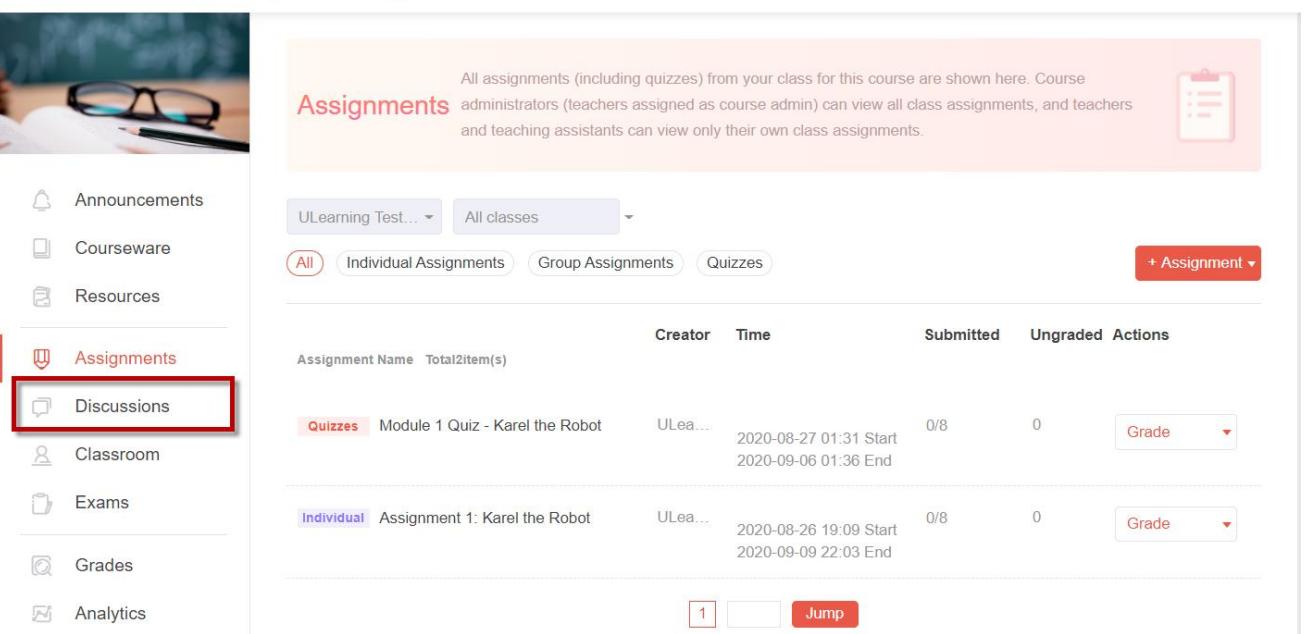
The main table lists assignments with the following columns: Creator, Time, Submitted, Ungraded, and Actions. The first assignment, "Module 1 Quiz - Karel the Robot", is highlighted with a red border. It is categorized under "Quizzes" and was created by "ULea...". The time information shows it started on 2020-08-27 at 01:31 and ended on 2020-09-06 at 01:36. The submission status is 0/8, and the grade is 0. A "Grade" button with a dropdown arrow is next to the grade value.

The second assignment, "Assignment 1: Karel the Robot", is categorized under "Individual" and was created by "ULea...". It started on 2020-08-26 at 19:09 and ended on 2020-08-26 at 22:03. The submission status is 0/8, and the grade is 0. A "Grade" button with a dropdown arrow is next to the grade value.

At the bottom of the table, there are navigation buttons: a page number "1" in a red-bordered box, a "Jump" button, and a "Grade" button with a dropdown arrow.

Discussions

Creating Discussions

Step	Action
1	<p>From the course homepage, click the Discussions tab.</p>  <p>The screenshot shows the course homepage for 'cs106a Programming Methodology'. On the left, there's a sidebar with links: Announcements, Courseware, Resources, Assignments (which is the active tab and has a red box around it), Classroom, Exams, Grades, and Analytics. The main content area is titled 'Assignments' and displays two assignments: 'Module 1 Quiz - Karel the Robot' (Quizzes) and 'Assignment 1: Karel the Robot' (Individual). Both assignments show their creation date, start and end times, and current status (0/8 submitted).</p>

2

Click the **+ Discussion** button.

cs106a Programming Methodology

Discussions

Discussions help students think deeply. You can create, manage, reply, and grade discussions here. Course administrators (teachers assigned as course admin) can create discussions for all classes, while teachers and teaching assistants can create only their own class discussions.

ULearning Test T... ▾ All classes ▾ Cast Screen + Discussion

Announcements
Courseware
Resources
Assignments
Discussions
Classroom
Exams

- Enter the discussion title.
- Enter the discussion topic/instructions.
- Enter details or select the options for all other items as desired.
- Click the **Select Class** button.

Welcome to CS106A

Attachment

Hi everyone, welcome to CS106A. For the first discussion, we would like to learn each of you, please reply to this post with following information:

- Why you choose to take this course?
- Your experience you have in programming (you have no experience, that's totally fine)?
- What do you want to gain from this course?

This is a graded discussion topic. Your score will be included into your final grade for this course.

3

Time-limited discussion: Time limit No time limit

Participation Not anonymous Anonymous

Scoring Rules: Points will be assigned to students based on the rules below. You can include the discussion scores into students' final course grade.

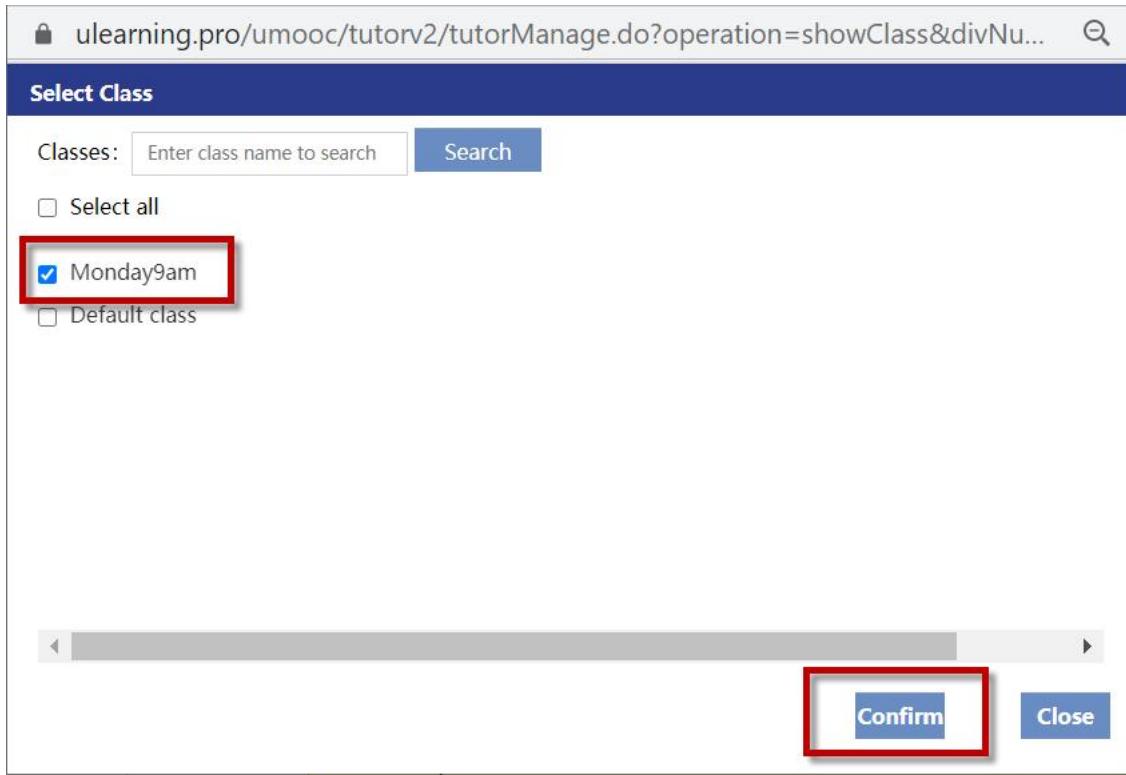
Reply	5	pts each
Being Replied	2	pts each
Teacher liking	5	pts each
Student liking	1	pts each

Classes: [Select Class](#)

4

On the **Select Class** page:

- Select the class(es) you want to assign this discussion to.
- Click the **Confirm** button.



Click the **Submit** button at the bottom of the **Create Discussion** page.

5

Time-limited discussion: Time limit No time limit

Participation: Not anonymous Anonymous

Scoring Rules: Points will be assigned to students based on the rules below. You can include the discussion scores into students' final course grade.

Reply	5	pts each
Being Replied	2	pts each
Teacher liking	3	pts each
Student liking	1	pts each

Classes: Select Class
Monday9am

[Clear](#)

[Submit](#) [Cancel](#)

The discussion is added to the **Discussion** screen.

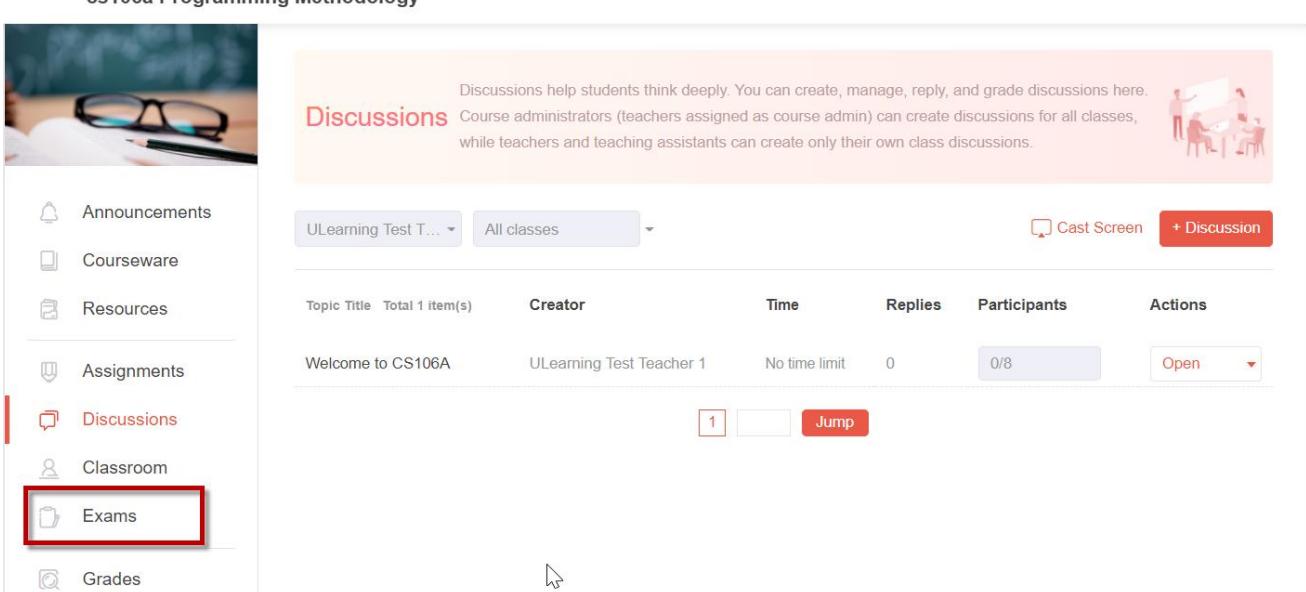
6

Discussions		Course administrators (teachers assigned as course admin) can create discussions for all classes, while teachers and teaching assistants can create only their own class discussions.				
Topic Title	Total 1 item(s)	Creator	Time	Replies	Participants	Actions
Welcome to CS106A	ULearning Test Teacher 1	No time limit	0	0/8	Open	

[1](#) [Jump](#)

Exams

Creating Exam in Exam Bank

Step	Action
1	<p>From the course homepage, click the Exams tab.</p>  <p>The screenshot shows the course homepage for 'cs106a Programming Methodology'. On the left, there's a sidebar with icons for Announcements, Courseware, Resources, Assignments, Discussions (which is selected and highlighted with a red box), Classroom, Exams (also highlighted with a red box), and Grades. The main content area has a heading 'Discussions' with a sub-section about creating discussions. Below that is a table listing one item: 'Welcome to CS106A' created by 'ULearning Test Teacher 1' with 'No time limit', 0 replies, and 0 participants. There are 'Open' and 'Jump' buttons at the bottom of the table row.</p>
2	<p>Click the Exam Bank button.</p>

cs106a Programming Methodology

A screenshot of the ULearning platform interface. On the left, there is a sidebar with icons for Announcements, Courseware, Resources, Assignments, Discussions, Classroom, Exams (which is selected and highlighted with a red border), and Grades. The main area is titled "Exams" and contains a sub-instruction: "A list of all exams is shown here, where the course administrator can publish/view exams for all classes while the teacher can only publish/view exams for his or her own class." Below this are search filters for "All teachers" and "Enter a keyword to search", and buttons for "Question Bank", "Exam Bank" (which is highlighted with a red box), and "Add Course Exam". At the bottom is a cartoon illustration of a person looking through a telescope at a clipboard.

Click the **Add Exam** button.

A screenshot of the "Exam Bank" page. The title is "Exam Paper Bank". There are tabs for "My Exam Bank", "School Exam Bank", and "Shared Exam Bank". Below the tabs, it says "Current Position: All Exams". There is a search bar with "Select all" and "Enter exam paper name t...". Buttons for "Random Exam", "Add Exam" (which is highlighted with a red box), and "Add Folder" are visible. A table lists exams with columns for "Exam Name", "Points", "Share", "Last Updated", and "Actions". Two entries are shown: "dgasdg" (Points 0, Private, Last Updated 2020-07-30 00:36) and "ULearning Exam Template 1" (Points 22, Private, Last Updated 2020-06-19 15:30).

On the **Exam Editor** page:

- Enter the exam name.
- Enter points in batch for each question and then click the **Confirm** button.
Notes: It is a convenient setting for you to assign the same # of points for each question. If you want assign different # of points, you can miss this step.
- Select the # of plays you want to set up for audio and then click the **Confirm** button

Exam Editor

Click to enter exam name and then click + sign below to add a section



Points per question:

of plays per audio:

Click the **+** sign to add an exam section.

5

Exam Editor

CS106A Midterm Exam

Points per question:

of plays per audio:

+

On the section popup window:

- Enter section details or select options as desired.
- Click the **Confirm** button.

6

Exam Editor

CS106A Midterm Exam

Points per question:

of plays per audio:

*Section Name:

Section Instructions: This section has 5 questions.
This exam has only 1 section.

*Shuffle: No Yes

Click the **Select Questions** link.

7

The screenshot shows the 'Exam Editor' interface for the 'CS106A Midterm Exam'. A section titled 'Section 1' is selected. Below it, there is a red box highlighting the 'Select Questions' button. At the bottom, there are input fields for 'Points per question' (set to 3) and '# of plays per audio' (set to 'No limit'), each with a 'Confirm' button.

From **Select Question** screen:

- Select the questions you want to add to this exam section.
- Click the **Insert** button.

8

The screenshot shows the 'Select Question' screen. It has tabs for 'My Question Bank', 'School Question Bank', and 'Shared Question Bank'. A checkbox 'Select all questions on this page' is checked. An 'Insert' button is highlighted with a red box. Below the tabs, there are filters for 'All' and a search bar 'Type question name/code to search'. At the bottom, there are links for 'Go to upper folder', 'Current Position: Question Bank > Question Templates', and 'Total 15 Questions'.

1 Code: 6810821 True/False 5分 Difficulty: ★★★★★ cs160a... > Lectur... Private

You need programming experience to be allowed to enroll this course.

Details >>

Last Updated: 2020-08-28 06:48:22

2 Code: 6810820 Multiple Choice 5分 Difficulty: ★★★★★ cs160a... > Lectur... Private

Which programming language we are going to use in this introductory CS course?

Details >>

The selected questions are inserted into the exam section:

- You can either assign same points to all questions in one shot or set a different score for each question one by one.
- You can also use the **Up/Down** arrow to adjust the order of the questions.

Exam Editor

CS106A Midterm Exam

Section 1

Select Questions

Points per question: 3 # of plays per audio: No limit

1. [True/False] You need programming experience to be allowed to enroll this course.

Answer: true false

1. [Multiple Choice] Which programming language we are going to use in this introductory CS course? Set score: 5

A. C++

Click the **Finish** button at the bottom of the **Exam Editor** screen.

2. [Word Bank]

A B

Finish

From the **Exam Settings** screen:

- Enter the **Suggestion Duration** in minutes
- Exam Points are automatically populated based on the points you assigned to each question in previous step.
Notes: If you want to make a change to **Exam Points**, click **Go Back** button to go to previous step.
- Select the **Share** option.
- Click the **Submit** button.

Exam Editor

Exam Settings

Suggested Duration: Min For reference only, not the actual exam duration

Exam Points:

Share:

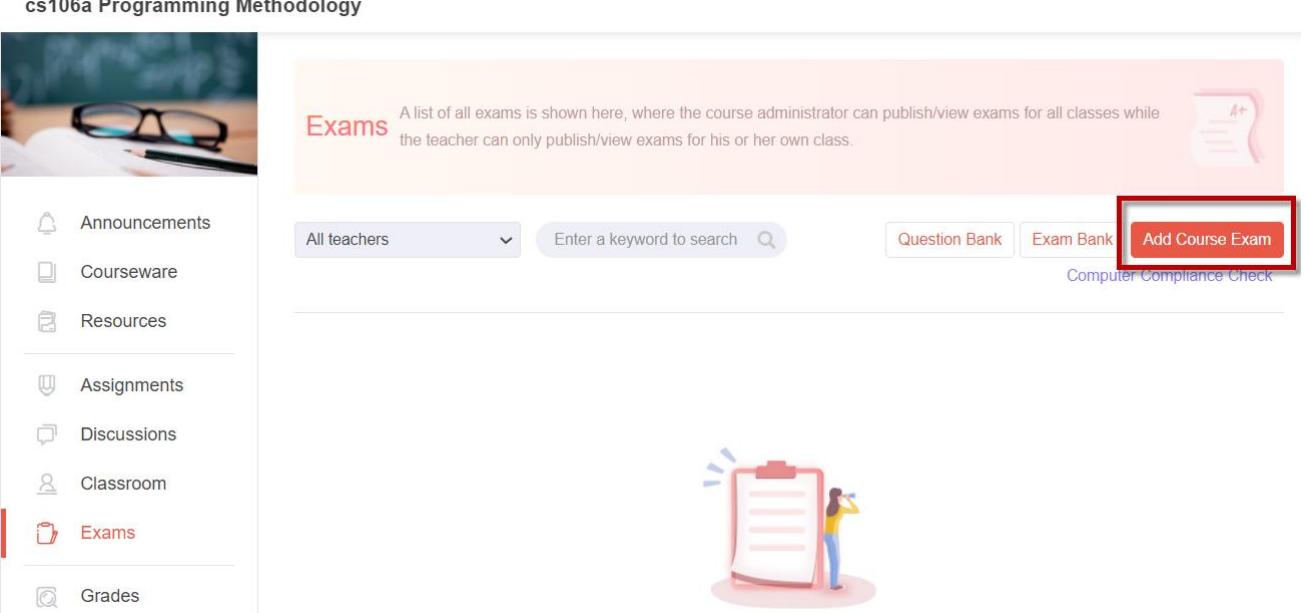
Calculation based on sum of each question's points. To adjust the exam points, go back to edit individual questions' points.

The newly created exam is listed in **Exam Bank** screen.

The screenshot shows the 'Exam Bank' interface. At the top, there are tabs for 'My Exam Bank' (highlighted in red), 'School Exam Bank', and 'Shared Exam Bank'. Below the tabs, a search bar contains the placeholder 'Enter exam paper name t...'. To the right of the search bar are buttons for 'Random Exam', 'Add Exam', and 'Add Folder'. The main area displays a table with columns: 'Exam Name', 'Points', 'Share', 'Last Updated', and 'Actions'. Three exams are listed:

Exam Name	Points	Share	Last Updated	Actions
<input type="checkbox"/> CS106A Midterm Exam	15	Private	2020-08-28 09:43	Edit ...
<input type="checkbox"/> dgasdg	0	Private	2020-07-30 00:36	Edit ...
<input type="checkbox"/> ULearning Exam Template 1	22	Private	2020-06-19 15:30	Edit ...

Creating Course Exam – Pre-defined Exam

Step	Action
1	<p>From the Exam screen, click the Add Course Exam button.</p>  <p>The screenshot shows the ULearning Exam screen for the course 'cs106a Programming Methodology'. On the left is a sidebar with links: Announcements, Courseware, Resources, Assignments, Discussions, Classroom, Exams (which is selected and highlighted with a red vertical bar), and Grades. The main area has a pink header bar with the text 'Exams' and a sub-instruction: 'A list of all exams is shown here, where the course administrator can publish/view exams for all classes while the teacher can only publish/view exams for his or her own class.' Below this are search and filter options ('All teachers' dropdown, 'Enter a keyword to search' input field with a magnifying glass icon, 'Question Bank' and 'Exam Bank' buttons, and a 'Computer Compliance Check' link). A red rectangular box highlights the 'Add Course Exam' button, which is located at the bottom right of the search/filter section. There is also a cartoon illustration of a person looking through a telescope at a clipboard.</p>

2

On Add Course Exam page.

- Enter the course exam name, for example, CA106A Midterm Exam.
- Select the **Pre-defined Exam** option for Course Exam.
- Click the **Select Exam** button.

Add Course Exam

Click to enter the course exam name

Course Exam Pre-defined Exam Random Exam (Can't be edited after the exam starts)

Select Exam

Passing Score 0 points Show Results Immediately

Exam Duration 60 min What to Show Score Exam Responses Correct answers

Exam Attempts Most 1 times

Late Start No limit

Allowed

Identification Enable face verification (Optional function with extra charge. Contact service sg@ulearning.cn for more information.)

+ Add Session

Publish Course Exam

3

On the **Select Exam** screen:

- Select the **Exam** you want to include into the course exam.
- Notes:** You can include multiple exam objects into a course exam as desired.
- Click the **Insert Exam** button.

Select Exam

Selected 1 exam(s)

Insert Exam Cancel

Exam Paper Bank

My Exam Bank School Exam Bank Shared Exam Bank

Current Position: All Exams

Enter exam paper name t...

Exam Name	Points	Share	Last Updated	Actions
<input checked="" type="checkbox"/> CS106A Midterm Exam	15	Private	2020-08-28 09:43	
<input type="checkbox"/> dgasdg	0	Private	2020-07-30 00:36	
<input type="checkbox"/> ULearning Exam Template 1	22	Private	2020-06-19 15:30	

The selected exam is added to the **Add Course Exam** page:

- Enter the passing score, for example, 10 points.
- Select when to show exam results, for example, Immediately.
- Enter the exam duration in minutes, for example, 20 minutes.
- Select what to show, for example, Score.
- Select the exam attempts allowed, for example, 3 attempts.
- Select the late start setting, for example, 2 minutes allowed.
- Select if enable face verification.
Notes: It is an optional feature with extra cost. By default, this function is deactivated. If you want this function to be activated, ask your school to contact ULearning at service.sg@ulearning.cn
- Click the **+ Add Session** link.

4

Add Course Exam Close

CA106A Midterm Exam

Course Exam Pre-defined Exam Random Exam (Can't be edited after the exam starts)

Select Exam CS106A Midterm Exam X Disable

Passing Score 0 points **Show Results** Immediately

Exam Duration 60 min

What to Show Score Exam Responses Correct answers

Exam Attempts Most1times

Late Start No limit

Allowed

Identification Enable face verification

(Optional function with extra charge. Contact service.sg@ulearning.cn for more information.)

+ Add Session

Enter the availability time (**Start/End**) for the exam session and then click the **Select Class** button.

Notes: If you want to assign this course exam to a single student or a group of selected students, use the **Select Student** option instead.

5

Late Start 15min ▾

Allowed

Identification Enable face verification
(Optional function with extra charge. Contact service.sg@ulearning.cn for more information.)

Session2 To

On the **Select Class** popup window:

- Select the class(es) you want to assign to.
- Click the **Confirm** button.

6

Select Class ×

All teachers Enter class name to search

Check all Monday9am Default class

The Selected class is added to this exam session:

- To add more sessions, click the + Add Session again and repeat the process. For example, you created a session for all full-time students. You also want to create another one for the continuing education students.
- Finally, click the **Publish Course Exam** button.

7

Session2 2020-08-28 11:00 To 2020-09-12 11:01 Select Class Select Student Collapse

Monday9am X

+ Add Session

Publish Course Exam

The newly created course exam is listed on the **Exams** screen.

8

Exams A list of all exams is shown here, where the course administrator can publish/view exams for all classes while the teacher can only publish/view exams for his or her own class.

All teachers Enter a keyword to search Question Bank Exam Bank Add Course Exam Computer Compliance Check

Exam Name	Total 1 sessions	Created By	Exam Time	Exams	Actions
CA106A Midterm Exam	In progress	Myself	2020-08-28 11:00 Start 2020-09-12 11:01 End	1 Part	View Results

1 Jump

Grading Course Exam

Step	Action																		
1	<p>From the Exams screen:</p> <ul style="list-style-type: none">• Mouseover/Click the Actions drop-down menu for this course exam you want to grade.• Click the View Results option. <div style="background-color: #f0f0f0; padding: 10px; margin-top: 10px;"><p>Exams A list of all exams is shown here, where the course administrator can publish/view exams for all classes while the teacher can only publish/view exams for his or her own class.</p></div> <div style="margin-top: 20px;"><p>All teachers <input type="button" value="▼"/> Enter a keyword to search <input type="text"/> <input type="button" value="Search"/></p><p>Question Bank Exam Bank Add Course Exam</p><p>Computer Compliance Check</p><table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Exam Name</th><th>Total 2 sessions</th><th>Created By</th><th>Exam Time</th><th>Exams</th><th>Actions</th></tr></thead><tbody><tr><td>CS106A Final Exam</td><td>In progress</td><td>Myself</td><td>2020-08-28 11:43 Start 2020-09-12 11:44 End</td><td>1 Part</td><td>View Results  Preview Exam Edit Exam Edit Session Delete</td></tr><tr><td>CA106A Midterm Exam</td><td>In progress</td><td>Myself</td><td>2020-08-28 11:00 Start 2020-09-12 11:01 End</td><td>1 Part</td><td></td></tr></tbody></table><p style="text-align: center;">1 Jump</p></div>	Exam Name	Total 2 sessions	Created By	Exam Time	Exams	Actions	CS106A Final Exam	In progress	Myself	2020-08-28 11:43 Start 2020-09-12 11:44 End	1 Part	View Results  Preview Exam Edit Exam Edit Session Delete	CA106A Midterm Exam	In progress	Myself	2020-08-28 11:00 Start 2020-09-12 11:01 End	1 Part	
Exam Name	Total 2 sessions	Created By	Exam Time	Exams	Actions														
CS106A Final Exam	In progress	Myself	2020-08-28 11:43 Start 2020-09-12 11:44 End	1 Part	View Results  Preview Exam Edit Exam Edit Session Delete														
CA106A Midterm Exam	In progress	Myself	2020-08-28 11:00 Start 2020-09-12 11:01 End	1 Part															

2

On the exam's **Exam Results** screen:

- Locate the examinee/student you want to grade.
- Mouseover/Click the **Actions** drop-down menu for this student.
- Click the **Grade Exam** option.

CS106A Final Exam Close

Exam Information Exam Management Exam Proctoring Exam Results Analysis Report

All sessions All classes Ascending - student ID Batch Grade Export

All 8 Ungraded 1 Graded 0 Not Submitted 7 Flagged 0 "Pending" means the manual score component is not yet graded

#	Student ID	Name	Status	Exams Included	Submitted	Total Score	Auto score	Manual score	Actions
1	ULearni...	Not started	--	--	--	--	--	--	
2	ULearni...	Not started	--	--	--	--	--	--	
3	ULearni...	Not started	--	--	--	--	--	--	
4	ULearni...	Ungraded	CS106A Fina... Exam	2020-08-28 12:01 Via web	Pending	45	Pending		Grade Exam  View Log Set Retake Delete Records
5	ULearni...	Not started	--	--	--	--	--	--	

On the **Exam Grading** page:

- The question serial numbers for the questions you can or have to manually grade are displayed at the top part of screen. In this example, they are Question 1, 2, 5, 6, 13, 14, 20, and 21.
- Locate these questions one by one on the screen.
- Review the student's answer and then manually enter a score for each question.

CS106A Final Exam

Examinee: ULearning Test Student 03 | Exam Duration: 40Min | Total Points: 107point(s) | Questions: 21question(s) | Submitted: 2020-08-29 03:01:14

FAQ

Automatically graded scores: **45.0** point(s)
Manually graded scores: **0.0** point(s)

[Save Grading](#)

Mark point: you can mark 1、2、5、6、13、14、20、21 Q

Lecture 1-2 Lecture 3-4

This section is testing the content covered in Lecture 1 and Lecture 2.

批 1. Please describe where do I find my institution's URL to access ULearning in English.

Pts Possible: 10

The audio path for the student was not found

Scores: 请输入0-10的分数

Teacher Comments: None [Add/Edit Comments](#)

[Collapse ▾](#)

Feedback: Your English teacher will give you a customized feedback.

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) [21](#)

To give a customized feedback/comments to the grading you made to the question:

- Click the **Add/Edit Comments** link.

批 13. What is your favorite food? Please give 3 reasons why you like it. Record your answer in voice and then upload it.

Pts Possible: 4

The audio path for the student was not found

Scores: 请输入0-4的分数

Teacher Comments: None [Add/Edit Comments](#)

Feedback: Your teacher will grade it based on the voice recording you submitted.

4

- Enter your comments in the **Teacher Comments** field.
- Click the **Complete** link.

批 13. What is your favorite food? Please give 3 reasons why you like it. Record your answer in voice and then upload it.

Pts Possible: 4

The audio path for the student was not found

Scores: 请输入0-4的分数

Teacher Comments:

Nice job! Conchas negras is also my favorite food.

Completed

Feedback: Your teacher will grade it based on the voice recording you submitted.

- The comments is added to this question's grading.

批 13. What is your favorite food? Please give 3 reasons why you like it. Record your answer in voice and then upload it.

Pts Possible: 4

The audio path for the student was not found

Scores: 请输入0-4的分数

Teacher Comments: Nice job! Conchas negras is also my favorite food. [Add/Edit Comments](#)

Feedback: Your teacher will grade it based on the voice recording you submitted.

- If there are multiple sections for this exam, make sure you navigated to all sections and grade all the test questions.
- Click the **Save Grading** button at the top part of the exam screen.

CS106A Final Exam

Examinee: ULearning Test Student 03 | Exam Duration: 40Min | Total Points: 107point(s) | Questions: 21question(s) | Submitted: 2020-08-29 03:01:14

[FAQ](#)

Automatically graded scores: **45.0** point(s)
Manually graded scores: **0.0** point(s)

[Save Grading](#)

Mark point: you can mark 1、2、5、6、13、14、20、21 Q

Lecture 1-2 **Lecture 3-4**

This section is testing the content covered in Lecture 3 and Lecture 4.

8. You need programming experience to be allowed to enroll this course.

Pts Possible: 5

Correct Answer: FALSE Student Response: FALSE

Scored 5

Teacher Comments: None [Add/Edit Comments](#)

Feedback: As long as you can turn on a computer, you are allowed to enroll this course.

On the **Exit** popup window, click the **Exit** button.

Automatically graded scores: **45.0** point(s)
Manually graded scores: **0.0** point(s)

[Save Grading](#)

Mark point: you can mark 1、2、5、6、13、14、20、21 Q

Lecture 1-2 **Lecture 3-4**

You have completed marking this paper.
This is the last one.

[Exit](#)

This section is testing the content covered in Lecture 3 and Lecture 4.

8. You need programming experience to be allowed to enroll this course.

Pts Possible: 5

On the Exam Results screen, the student's exam results are updated and refreshed:

- The Status is changed from Ungraded to **Graded**.
- The Manual Score/Total Score is changed from Pending to the actual scores, in this example, 95/50.
- Total score is changed from Pending to the actual score.

#	Student ID	Name	Status	Exams Included	Submitted	Total Score	Auto score	Manual score	Actions
1	ULearni...	Not started	--	--	--	--	--	--	--
2	ULearni...	Not started	--	--	--	--	--	--	--
3	ULearni...	Not started	--	--	--	--	--	--	--
4	ULearni...	Graded	CS106A Fina...Exam	2020-08-28 12:01 Via web	95	45	50	Exam Respon... ▾	

Before grading:

4	ULearni...	Ungraded	CS106A Fina...Exam	2020-08-28 12:01 Via web	Pending	45	Pending	
---	------------	--	--------------------	-----------------------------	---	----	---	--

8

To grade the exam for other students, repeat the steps.

Grades

Setting Grading Rules

Step	Action
1	<p>From the course homepage, click the Grads tab..</p> <p>cs106a Programming Methodology</p> <p>The screenshot shows the course homepage for 'cs106a Programming Methodology'. On the left, there's a sidebar with various links: Announcements, Courseware, Resources, Assignments, Discussions, Classroom, Exams, Grades (which is highlighted with a red box), and Analytics. The main content area is titled 'Exams' and contains a message: 'A list of all exams is shown here, where the course administrator can publish/view exams for all classes while the teacher can only publish/view exams for his or her own class.' Below this, there are two exam entries: 'CS106A Final Exam' (status: In progress) and 'CA106A Midterm Exam' (status: In progress). Each exam entry includes 'Created By' (Myself), 'Exam Time' (2020-08-28 11:43 Start / 2020-09-12 11:44 End), 'Exams' (1 Part), and an 'Actions' column with a 'View Results' button. At the bottom of the main content area, there are navigation buttons for page 1, a jump field, and a 'Jump' button.</p>

2

On the **Grades** page, click the **Set Grading Rules** button.

The screenshot shows the 'Grades' page for the course 'cs106a Programming Methodology'. On the left, there's a sidebar with links: Announcements, Courseware, Resources, Assignments, Discussions, Classroom, Exams, Grades (which is selected and highlighted with a red border), and Analytics. The main area has a heading 'Grades' with a sub-instruction: 'By setting the courseware grading rules, you can assign weights to different grade items. By the grade due date, the system automatically calculates the courseware final grade for each student.' Below this are dropdown menus for 'All teachers' and 'Monday 9am', a search bar 'Enter name/student ID to...', and two buttons: 'Set Grading Rules' (highlighted with a red box) and 'Certificate Management'. At the bottom, there's an illustration of a person standing next to a large book, with the text 'Grading rules haven't been set'.

3

On the **Set Grading Rules** screen, set up the highlighted items in the screenshot first:

- Enter the **final possible score in points** for this course, for example, 100 points.
- Enter the **due date** when the teacher has to complete the grading for this course, for example, 12/18/2020 – the last day of the fall semester.
- Select **when to post grade**, you have 3 options:
 - Yes
 - No
 - Only after due date
- Assign a weight to each gradable item. If you assign 0 to an item, it means that you'll not count the students' score on this item to their final grade. By default, the system includes 8 gradable items as listed and explained below:
 - **Courseware Learning** – Module/Topic average
 - If a topic has exercise questions, the topic score is the score a student got from the exercise questions.
 - If a topic has no exercise questions: 100 points if a student completed the topic; 0 points if not.
 - **Courseware Time** – 100 or 0 points. Graded on how much time a student spends on learning courseware. It can be set at:

- Courseware Total
- Module Average
- Topic Average
- **Courseware Progress** – Counted as %, can be set at:
 - Module average
 - Topic average
- **Assignments** – Actual points based on whatever points the teacher assigned and is set at assignment average.
- **Discussions** – Graded on total cumulative score with a cap
- **Attendance** – Graded on penalty reduction
- **Participation** – Graded on total cumulative score with a cap
- **Exams** – Actual points based on whatever points the teacher assigned and is set at exam average

Set Grading Rules

All teachers ▾ Monday 9am ▾

Total Points: 100 Due: 2020-12-18 By 23:59:59 on the day scheduled Post Grade? Only after due date ▾

Grade Items	Weight Total: 100%	Points	Grading Rule Grading rule for each grade item	More Settings Set grading score
Courseware Learning	5 %	5	Chapters are average	Settings
Courseware Time	5 %	5	Per course... ▾ The learning time reaches [] minutes for full points; less than [] minutes for 0 points	
Courseware Progress	5 %	5	Per module ▾ Average module points multiply # of modules completed	
Assignments	35 %	35	Assignments weight evenly	Settings
Discussions	10 %	10	Full points if sum of discussion scores reaches []	
Attendance	5 %	5	Attendance Penalty 1 Absent = [] point(s) deduction, 1 Late/Leave Early/Sick Leave/Excused Leave = [] point(s) deduction, till full points are deducted	
Participation	5 %	5	Full points if sum of participation scores reaches []	
Exams	30 %	30	Exams weight evenly	Settings

+ Add Grade Item Download Template

Notes:

- You can add your own customized items toward the final grade. To do so, click the **+ Add Grade Item** link (for details, please refer to the complete version of ULearning Teacher Guide).
- Make sure that the sum of the weights you assigned is 100%.

For the courseware grading group on the **Set Grading Rules** page:

- Enter details or select options as desired.
- By default, all courseware contents are included. To include/exclude some courseware contents, click the **Setting** link.

Grade Items	Weight Total: 100%	Points	Grading Rule Grading rule for each grade item	More Settings Set grading score
Courseware Learning	5 %	5	Chapters are average	
Courseware Time	5 %	5	Per course... ▾ The learning time reaches 2 minutes for full points; less than 2 minutes for 0 points	Settings
Courseware Progress	5 %	5	Per module ▾ Average module points multiply # of modules completed	

On the Content Scope popup window:

- Select or unselect the modules/topics to include/exclude.
- Click the **Confirm** button.

4

Content Scope

cs160a Programming Methodology

Check all Unselected content is excluded from final grade

Lecture 1

Topic 1: Karel and Java

Lecture 2

Topic 1: Karel Program

Lecture 3

New Topic

Lecture 4

New Topic

Confirm **Cancel**

By default, all assignments are included. To include/exclude assignments toward the course final grade, click the **Setting** link.

Assignments 35 % 35 Assignments weight evenly

Settings

On the Assignments popup window:

- Include or exclude the assignments as desired.
- Click the **Confirm** button.

5

The screenshot shows the 'Assignments' pop-up window. At the top, it displays 'Grading Rule: Assignments weight evenly'. Below that, a note says 'Grading Scope: By default, all assignments are included for final grade. You can exclude an assignment below.' A table lists two assignments: 'Assignment 1: Karel the Robot' and 'Module 1 Quiz - Karel the Robot'. A red box highlights a dropdown menu titled 'Included?' which contains three options: 'Yes', 'Yes' (which is selected and highlighted in blue), and 'No'. A mouse cursor is pointing at the 'Yes' option. At the bottom of the window are 'Confirm' and 'Cancel' buttons, with 'Confirm' also highlighted by a red box.

6

Enter details as desired for the gradable items as listed below:

- Discussions – For example, enter 50. If the total points a student earned from discussions reach or exceed 50. The student will contribute the full points (in this example, 10 points) toward his or her final course grade. If his or her earned points are 25, which is 50% of full discussion points 50, the student will contribute 5 points (50% of full points 10) to his or her final course grade.
- Attendance – For this example, assigned 5% weight or 5-point contribution toward the course final grade. The penalty reduction is 1 point per occurrence for the listed penalty items. If a student had 1 absent and 1 leave early, the student will contribute 3 attendance points to the final course grade; If 2 absents and 3 lates, 0 point contribution toward the final course grade.
- Participation – The rule for Participation is very similar to the rule for Discussions.

Discussions	10	%	10	Full points if sum of discussion scores reaches	50
Attendance	5	%	5	Attendance Penalty: 1 Absent = 1 point(s) deduction, 1 Late/Leave Early/Sick Leave/Excused Leave = 1 point(s) deduction, till full points are deducted	
Participation	5	%	5	Full points if sum of participation scores reaches	20

By default, all exams are included. To include/exclude exams toward the course final grade, click the **Setting** link for the **Exams** item.

The screenshot shows the 'Exams' settings page. At the top, there is a table with two rows. The first row has columns for 'Exams', '30 %', '30', and 'Exams weight evenly'. The second row has links for '+ Add Grade Item' and 'Download Template'. Below the table is a red 'Save' button and a note to 'Click Save to save all the settings you set/edited'. In the top right corner of the page, there is a 'Settings' link, which is highlighted with a red box.

On the Exams popup window:

- Include or exclude the exams as desired.
- Click the **Confirm** button.

The screenshot shows the 'Exams' popup window. At the top, it says 'Grading Rule: Exams weight evenly'. Below that, 'Grading Scope' is described as 'By default, all assignments are included for final grade. You can exclude an assignment below.' A table lists assignments: 'CA106A Midterm Exam' and 'CS106A Final Exam'. A red box highlights a dropdown menu titled 'Included?' for the 'CS106A Final Exam' row. The menu has three options: 'Yes', 'Yes' (which is selected and highlighted in blue), and 'No'. At the bottom of the window are 'Confirm' and 'Cancel' buttons, with 'Confirm' being highlighted with a red box.

After all items are set up, click the **Save** button at the bottom of the **Set Grading Rules** page.

8

The screenshot shows the 'Set Grading Rules' page. In the 'Exams' section, there is a field with '30 %' and the text 'Exams weight evenly'. A 'Settings' link is in the top right. Below the section are links '+ Add Grade Item' and 'Download Template'. At the bottom is a red-bordered 'Save' button with the text 'Click Save to save all the settings you set/edited' next to it.

On the **Saved successfully** popup window, click the **Ok** button.

9

The screenshot shows a 'Saved successfully' popup window. It contains the message 'Grades are updated every early morning' and an 'OK' button at the bottom, which is highlighted with a red border.

On the Grades screen, the students' course grades are loaded based on the grading rules you just set up.

Grades By setting the courseware grading rules, you can assign weights to different grade items. By the grade due date, the system automatically calculates the courseware final grade for each student.



All teachers ▾ Monday 9am ▾ Enter name/student ID to... Set Grading Rules Certificate Management

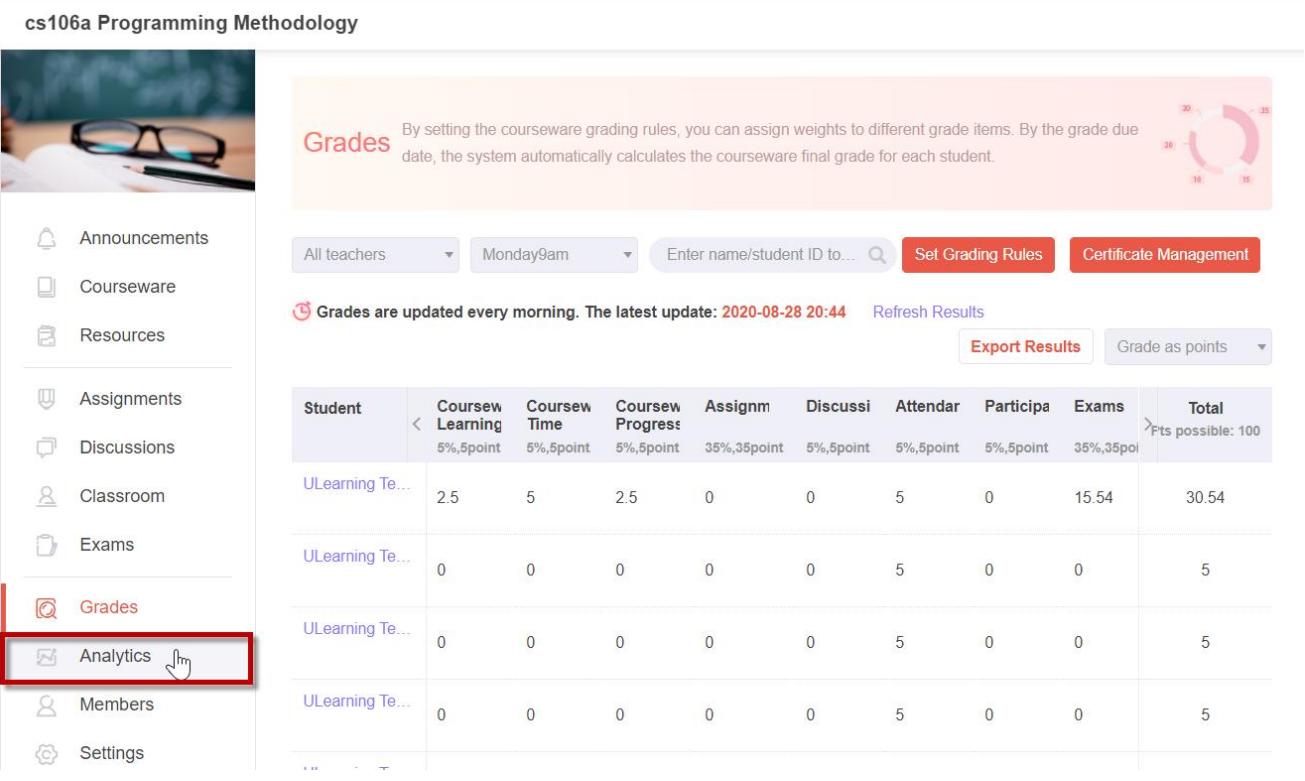
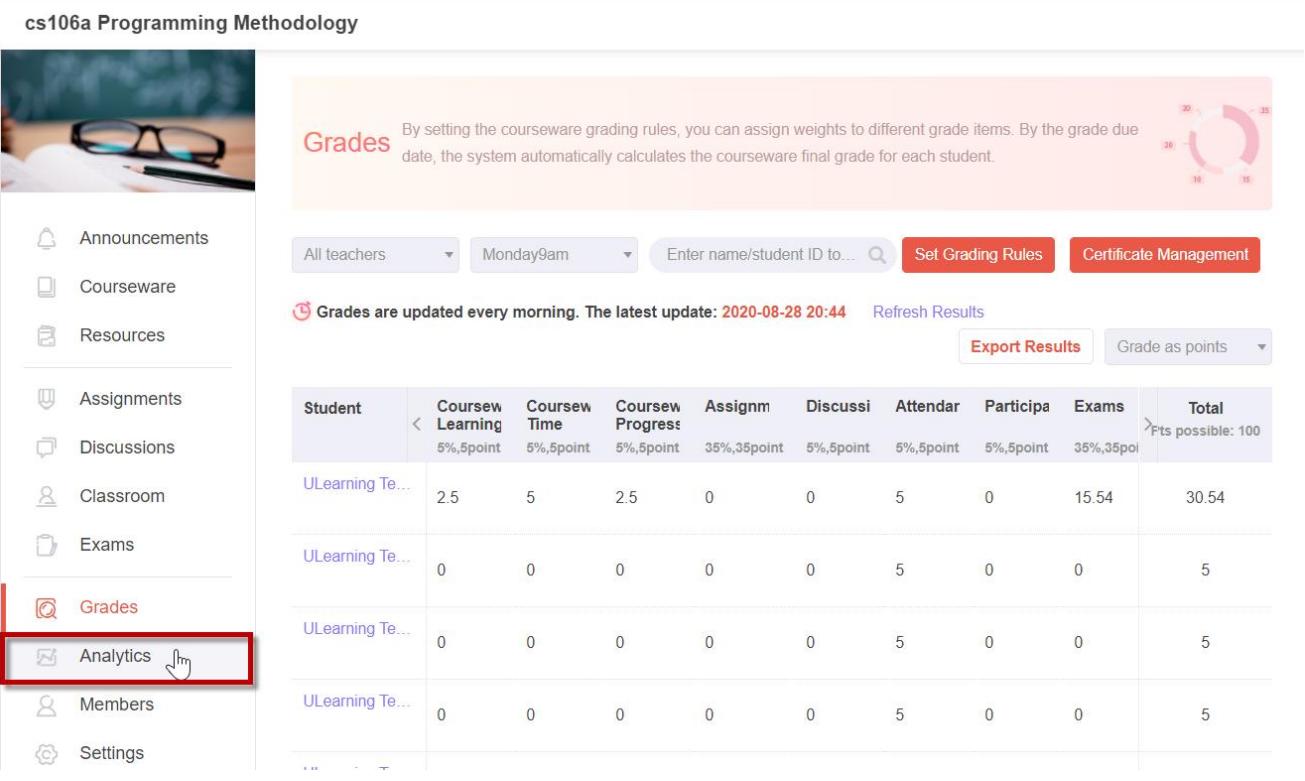
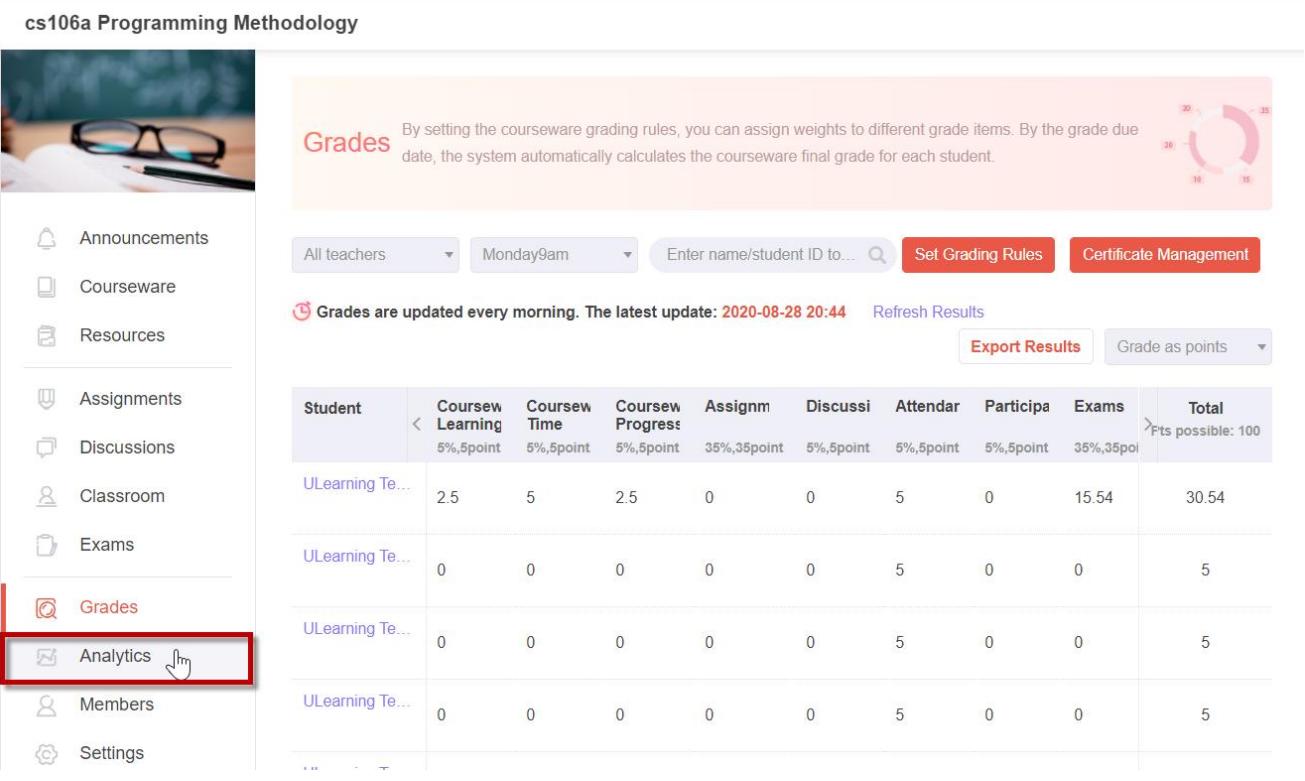
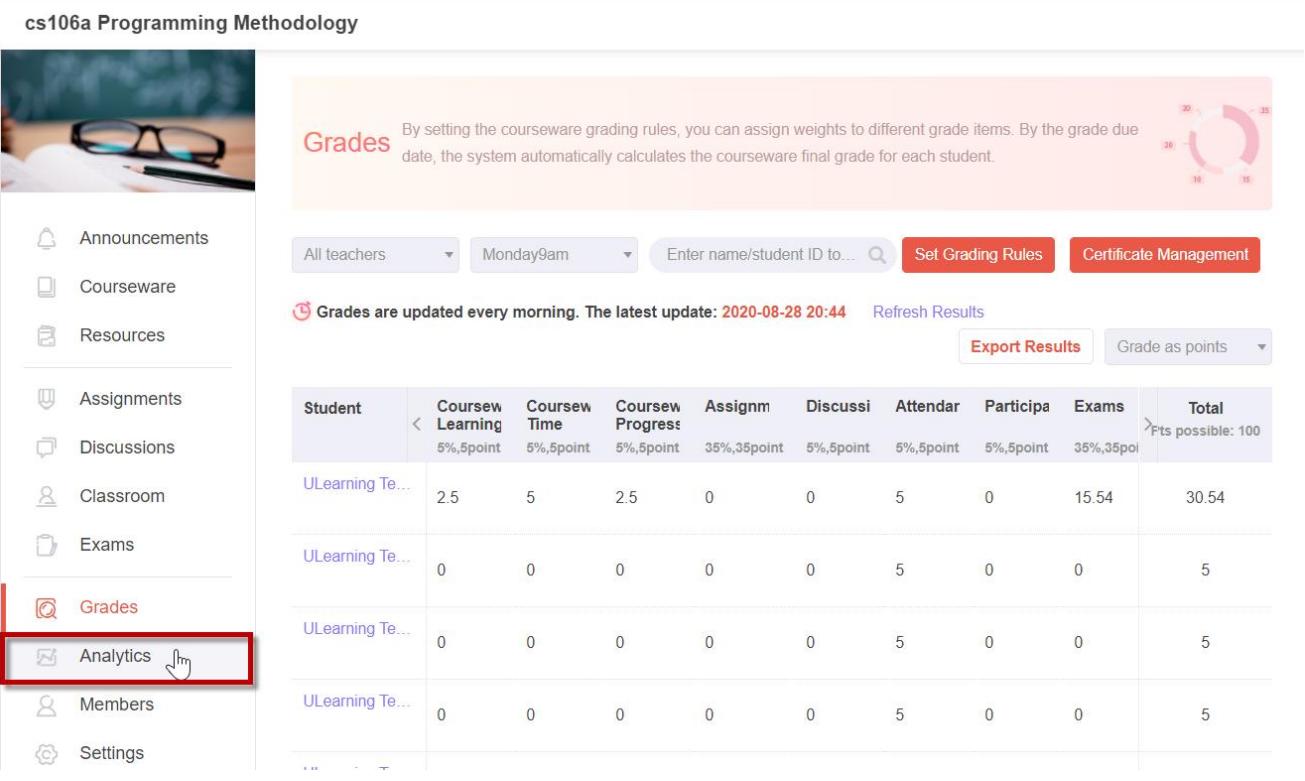
⌚ Grades are updated every morning. The latest update: 2020-08-28 20:01 Refresh Results Export Results Grade as points ▾

Student	Course Learning	Course Time	Course Progress	Assignm	Discussi	Attendar	Participa	Exams	Total
	5%,5point	5%,5point	5%,5point	35%,35point	5%,5point	5%,5point	5%,5point	35%,35poi	> Pts possible: 100
ULearning Te...	0	0	0	0	0	5	0	0	5
ULearning Te...	2.5	5	2.5	0	0	5	0	15.54	30.54
ULearning Te...	0	0	0	0	0	5	0	0	5
ULearning Te...	0	0	0	0	0	5	0	0	5
ULearning Te...	0	0	0	0	0	5	0	0	5

10

Analytics

Viewing Course Analytics

Step	Action						
1	<p>On the course homepage, click the Analytics tab.</p>  <p>The screenshot shows the course homepage for 'cs106a Programming Methodology'. On the left, there's a sidebar with links: Announcements, Courseware, Resources, Assignments, Discussions, Classroom, Exams, Grades (which is highlighted with a red box), Analytics (also highlighted with a red box and has a cursor icon over it), Members, and Settings. The main content area is titled 'Grades' and contains a message about setting grading rules. Below this is a table showing student grades, with one row for each student. The columns include Student, Course Learning, Course Time, Course Progress, Assignment, Discussion, Attendee, Participation, Exams, and Total. The 'Analytics' link in the sidebar is specifically highlighted with a red box and a cursor icon.</p> <table border="1"><thead><tr><th>Step</th><th>Action</th></tr></thead><tbody><tr><td>1</td><td><p>On the course homepage, click the Analytics tab.</p><p>The screenshot shows the course homepage for 'cs106a Programming Methodology'. On the left, there's a sidebar with links: Announcements, Courseware, Resources, Assignments, Discussions, Classroom, Exams, Grades (which is highlighted with a red box), Analytics (also highlighted with a red box and has a cursor icon over it), Members, and Settings. The main content area is titled 'Grades' and contains a message about setting grading rules. Below this is a table showing student grades, with one row for each student. The columns include Student, Course Learning, Course Time, Course Progress, Assignment, Discussion, Attendee, Participation, Exams, and Total. The 'Analytics' link in the sidebar is specifically highlighted with a red box and a cursor icon.</p></td></tr><tr><td>2</td><td><p>The first part of the course data analytics is a high-level course overview in 8 categories and the data are all self-explanatory:</p><ul style="list-style-type: none">• Members• Announcements• Courseware• Resources• Assignments• Discussions• Classroom• Exams</td></tr></tbody></table>	Step	Action	1	<p>On the course homepage, click the Analytics tab.</p>  <p>The screenshot shows the course homepage for 'cs106a Programming Methodology'. On the left, there's a sidebar with links: Announcements, Courseware, Resources, Assignments, Discussions, Classroom, Exams, Grades (which is highlighted with a red box), Analytics (also highlighted with a red box and has a cursor icon over it), Members, and Settings. The main content area is titled 'Grades' and contains a message about setting grading rules. Below this is a table showing student grades, with one row for each student. The columns include Student, Course Learning, Course Time, Course Progress, Assignment, Discussion, Attendee, Participation, Exams, and Total. The 'Analytics' link in the sidebar is specifically highlighted with a red box and a cursor icon.</p>	2	<p>The first part of the course data analytics is a high-level course overview in 8 categories and the data are all self-explanatory:</p> <ul style="list-style-type: none">• Members• Announcements• Courseware• Resources• Assignments• Discussions• Classroom• Exams
Step	Action						
1	<p>On the course homepage, click the Analytics tab.</p>  <p>The screenshot shows the course homepage for 'cs106a Programming Methodology'. On the left, there's a sidebar with links: Announcements, Courseware, Resources, Assignments, Discussions, Classroom, Exams, Grades (which is highlighted with a red box), Analytics (also highlighted with a red box and has a cursor icon over it), Members, and Settings. The main content area is titled 'Grades' and contains a message about setting grading rules. Below this is a table showing student grades, with one row for each student. The columns include Student, Course Learning, Course Time, Course Progress, Assignment, Discussion, Attendee, Participation, Exams, and Total. The 'Analytics' link in the sidebar is specifically highlighted with a red box and a cursor icon.</p>						
2	<p>The first part of the course data analytics is a high-level course overview in 8 categories and the data are all self-explanatory:</p> <ul style="list-style-type: none">• Members• Announcements• Courseware• Resources• Assignments• Discussions• Classroom• Exams						

[Close](#)**Course Overview****Members**

Teachers: 3

Students: 8

Teacher-Student Ratio: 1:3

Classes: 2

Avg. # of Students/Class: 4

Announcements

Total: 1

Views: 1

Courseware

Videos: 1

Total Length: 00:07:34

Average Length/Video:

00:07:34

Quiz Questions: --

Note: Includes the video(s) inserted into courseware by ULearning only

Assignments

Total: 2

Submission: 0

Graded: 0

Classroom

Roll Call: 0

Present: 0

Poll: 0

Participation: 0

Exams

Course Exams: 2

Exams Used: 2

Exam Questions: 34

Participation: 1

Pass Rate: 100.00%

Discussions

Quick Answer: 0

Participation: 0

Resources

Total: 1

Student Replies: 0

Teacher Replies: 1

Total: 2

View: 0

Downloads: 0

3

The second part of the course data analytics is top 5 ranking of:

- **Videos**
- **Resources**
- **Discussions**

Course Content Analytics**Top 5 Videos**

No data found

Top 5 Resources

1	ULearning_Training_Spa...	0
2	ULearning_Training_Spa...	0

Top 5 Discussions

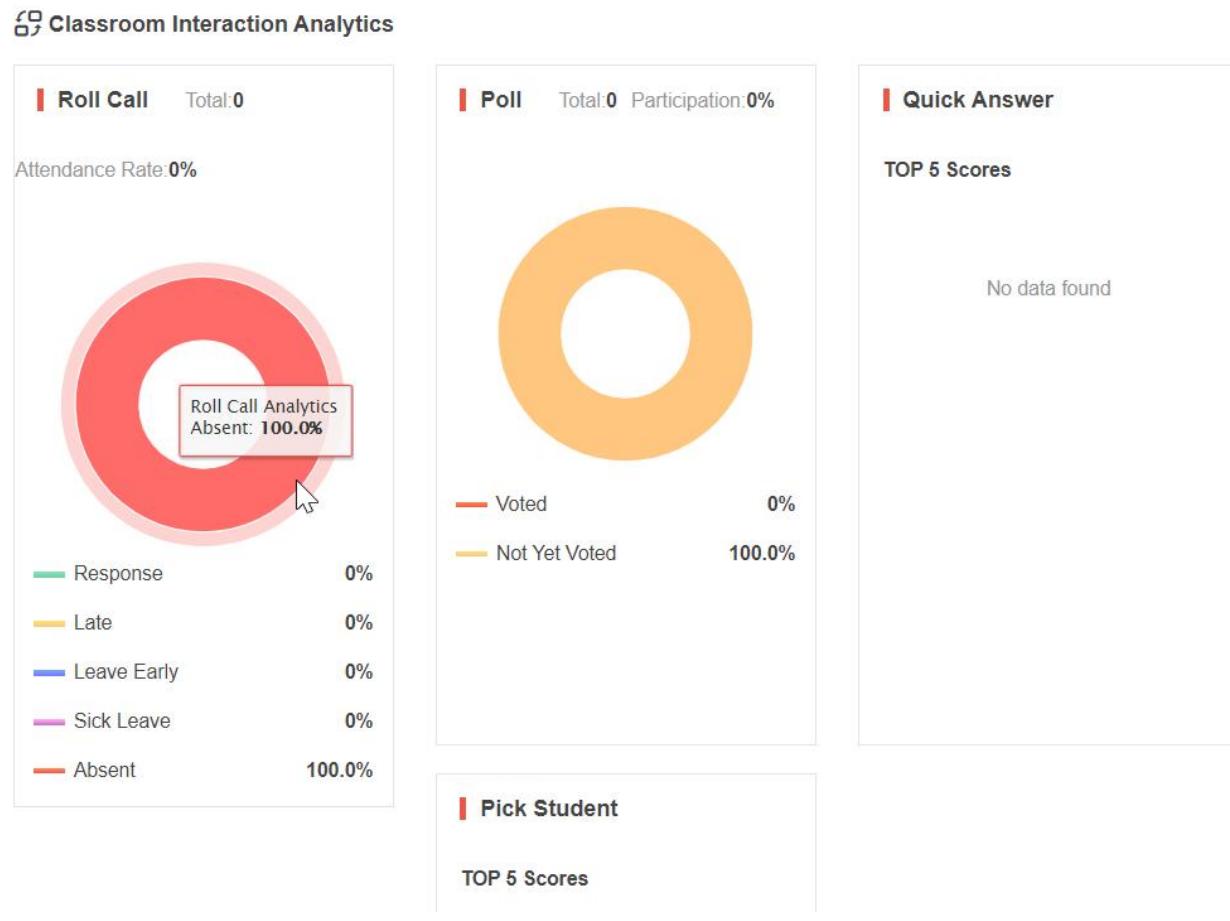
1	Day Warm-up	21
2	Anonymous or not anonym...	17
3	ddsgasd	4
4	asdg	0
5	Welcome to CS106A	0

- 4 The third part of the course data analytics is module by module courseware learning data, including:
- **Average Completion Rate**
 - **Average Learning Time**

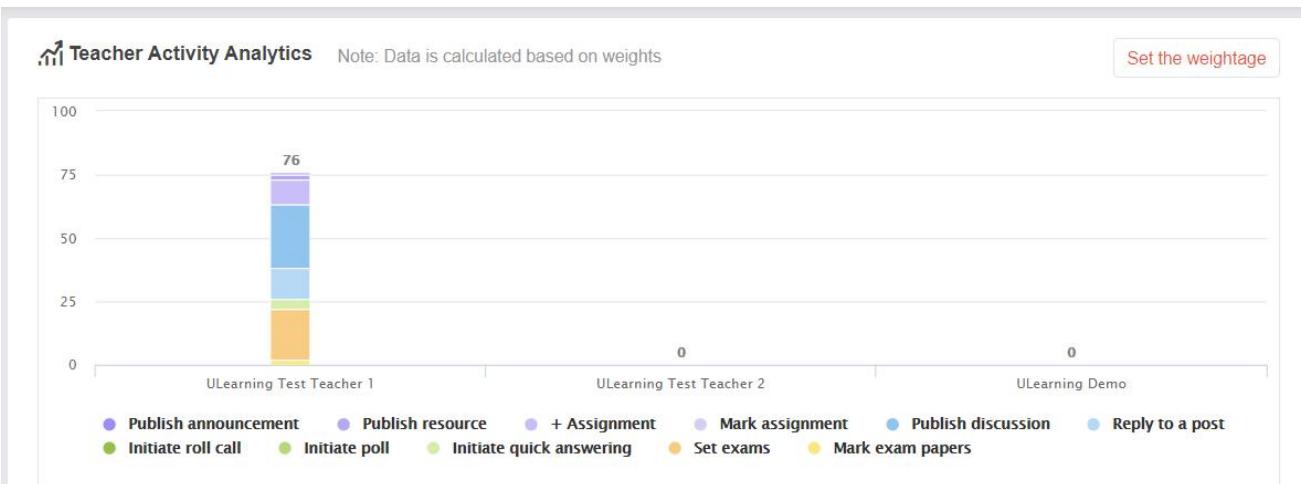


5 The fourth part of the course data analytics is the classroom related activity data in 4 categories:

- **Roll Call**
- **Poll**
- **Quick Answer (Compete to Answer)**
- **Pick Student (Random Pick)**



- 6 The last part of the course data analytics is the statistical data of teaching-related actions performed by the course teachers. The data are straightforward and all self-explanatory.



Note: the following table shows the number of actions

Action	Publish announcement	Publish resource	+ Assignment	Mark assignment	Publish discussion	Reply to a post	Initiate roll call	Initiate poll	Initiate quick answering	Initiate picking student	Set exams	Mark exam papers
Name												
ULearning Test Teacher 1	1	2	2	--	5	12	--	--	2	1	2	1
ULearning Test Teacher 2	--	--	--	--	--	--	--	--	--	--	--	--