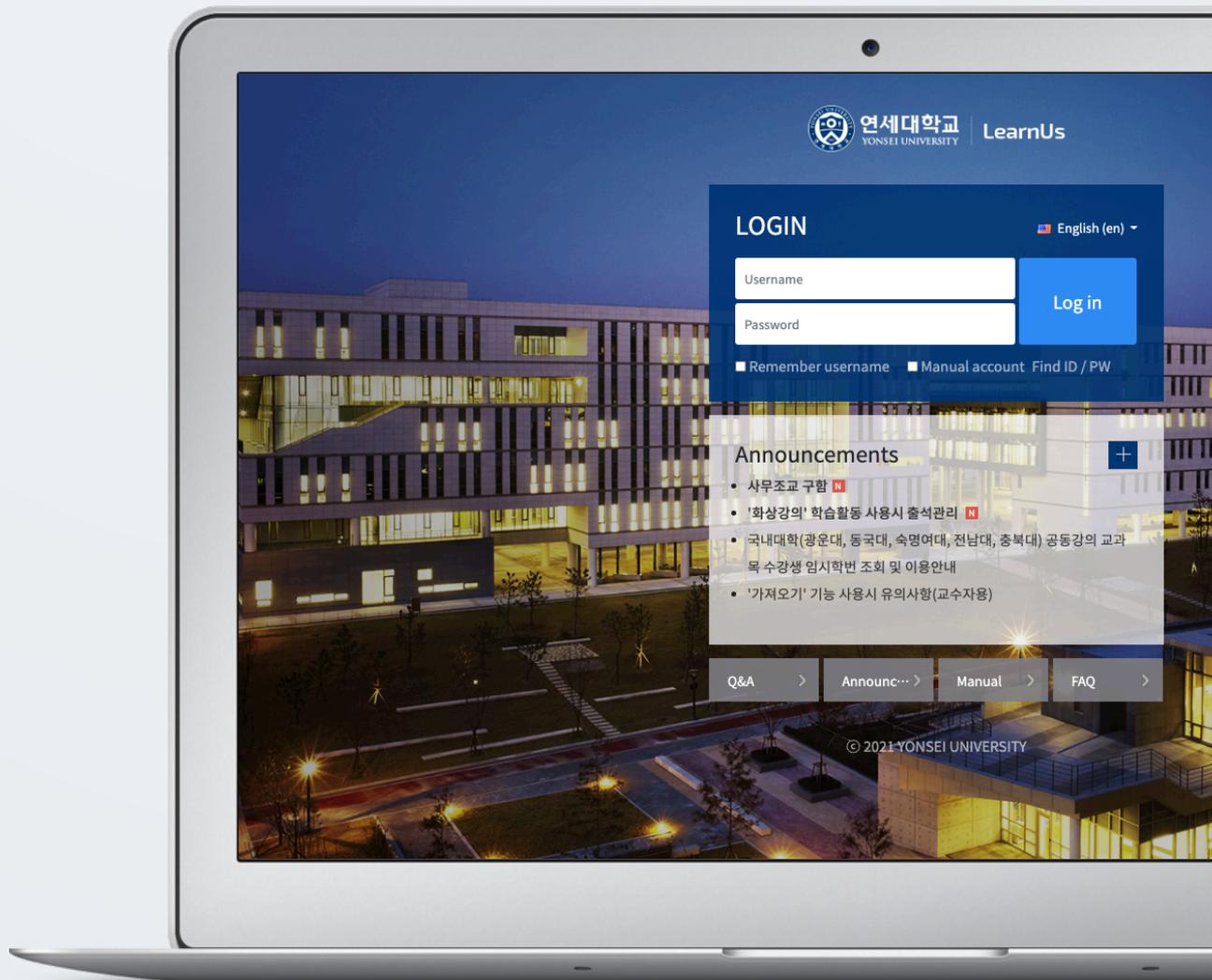


TEACHER'S MANUAL

3. LEARNING RESOURCES



연세대학교
YONSEI UNIVERSITY

LearnUs

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Introduction

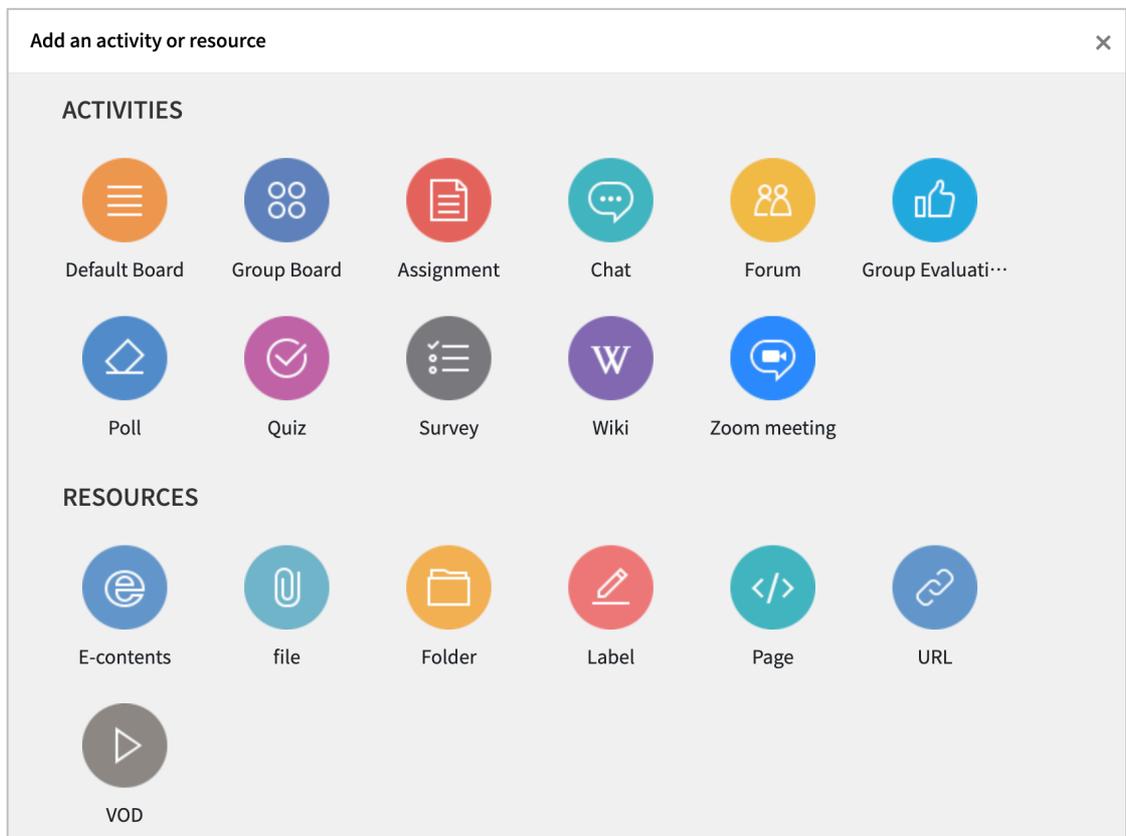
In order to add a new learning material or activity;
First, click "Turn editing on" button, located at the top-right of the course homepage.



Thus, "Add Resource/Activity" buttons will show up for each week and course summary sections. Click any of them near to the section where you want to input course material & activity.



All learning materials and activities are listed as "Activities" and "Resources."



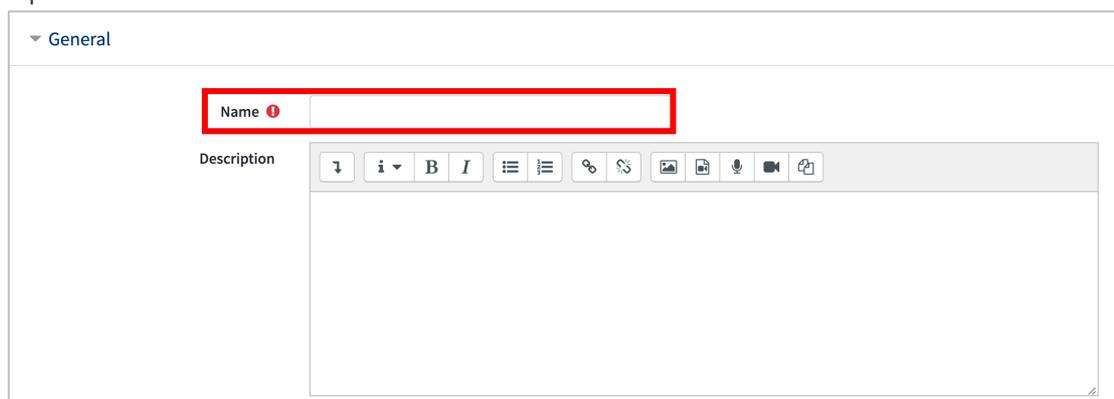
File

In this section, how to add reading files to a course is described. You can add PDF, MS WORD, MS POWERPOINT, HWP, etc. formatted reading materials.

Click "Add Resource/Activity" button near the section where you want to add a file.

Then, in the opening panel, click "file" button, showed with .

Input a name for the file.



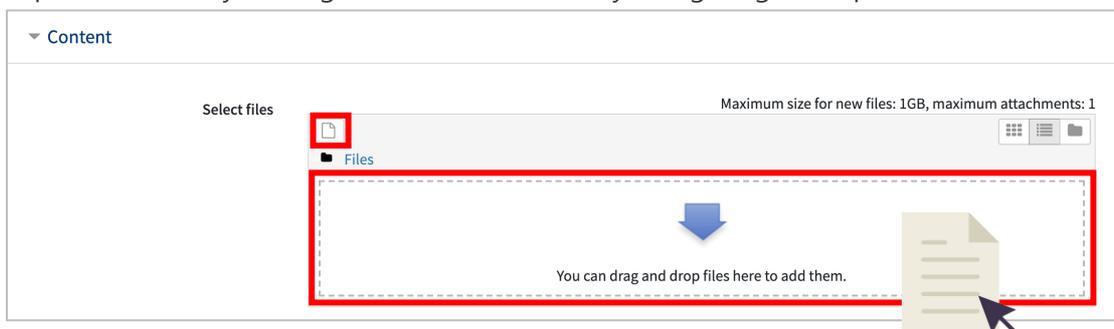
▼ General

Name 

Description

Rich text editor toolbar:            

Upload the file by clicking "Add file" button or by doing drag & drop.



▼ Content

Select files Maximum size for new files: 1GB, maximum attachments: 1

 Files

You can drag and drop files here to add them.

You can set the appearance way of the file: 1) force students to download the file, or 2) enable to open the file in a pop-up window.

Lastly, click [Save] button.



▼ Appearance

Display Force download In pop-up (Document conversion possible extension : hwp, doc, docx, xls, xlsx, ppt, pptx, pdf)

Show size 

Show type 

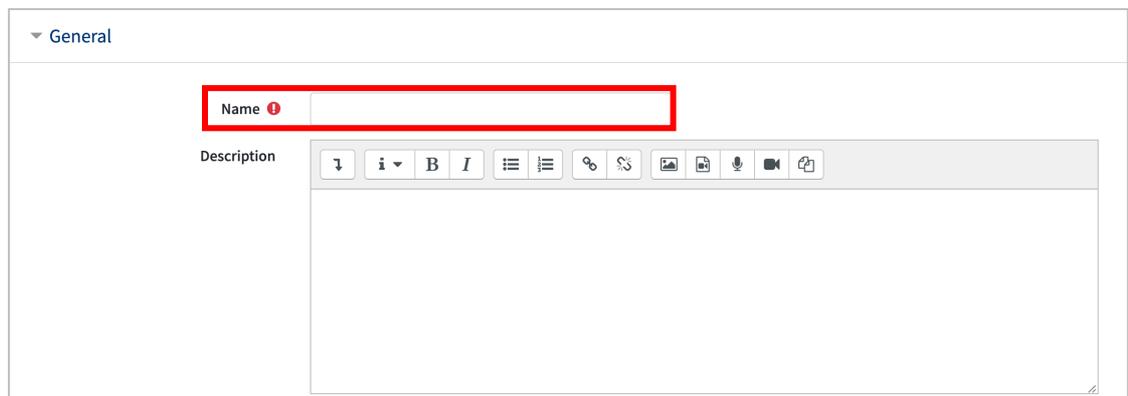
Folder

You can add a folder in the case of having too many documents (resources). For this, follow these steps:

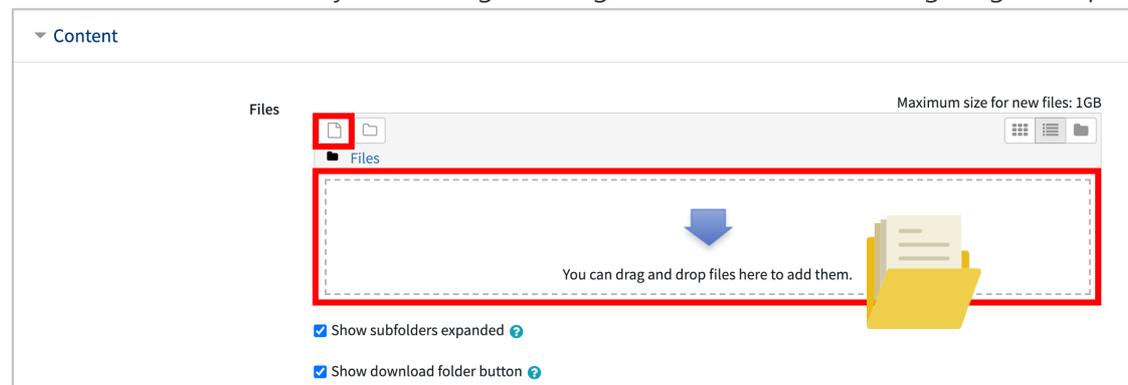
Click "Add Resource/Activity" button near the section where you want to add a folder.

Then, in the opening panel, click "folder" button, showed with .

Input a name for the folder.



Add the documents one by one through clicking "Add file" button or doing drag & drop.



Click "Unzip" to register the folder with unpacked so that learners can view individual files in the classroom.

Click the "Save" button to complete the folder registration.

Edit 강의자료.zip ✕

[Download](#) [Delete](#) [Unzip](#)

Name

Author

Choose license

Path

[Update](#) [Cancel](#)



Last modified 07 February 2021, 14:02 PM
Created 07 February 2021, 14:02 PM
Size 80.2MB

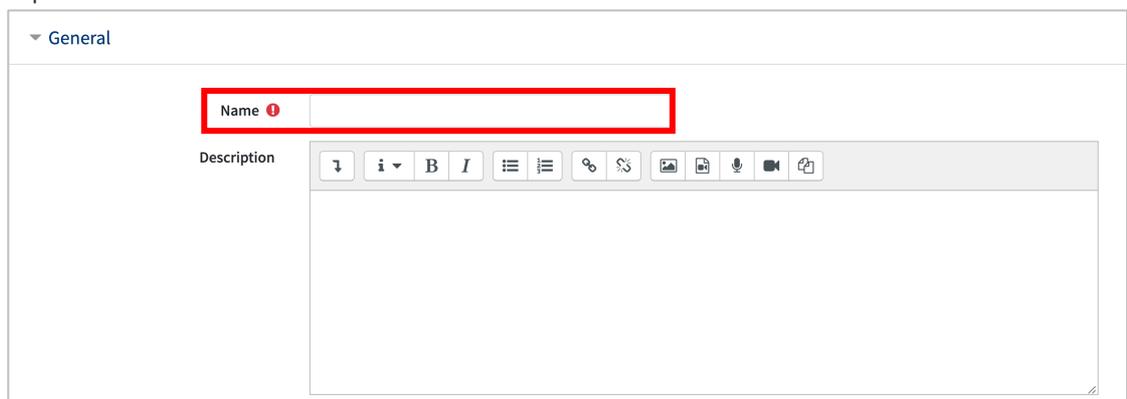
Video

Videos are added in two processes: 1) video uploading to the server, and 2) video format converting. The advantages of this system are that you can reuse the videos you have uploaded before and that users can watch any videos with any device (PC/Tablet/Smartphone) regardless of the video format.

Click "Add Resource/Activity" button near the section where you want to add the video.

Then, in the opening panel, click "video" button, showed with .

Input a name for the video.



The screenshot shows a form titled "General". It contains a "Name" input field with a red border and a red error icon. Below it is a "Description" text area with a rich text editor toolbar. The toolbar includes icons for undo, redo, bold, italic, list, link, unlink, image, video, audio, and document. At the bottom right of the form, there is a "Vod upload" button with an upward arrow icon, which is highlighted with a red border.

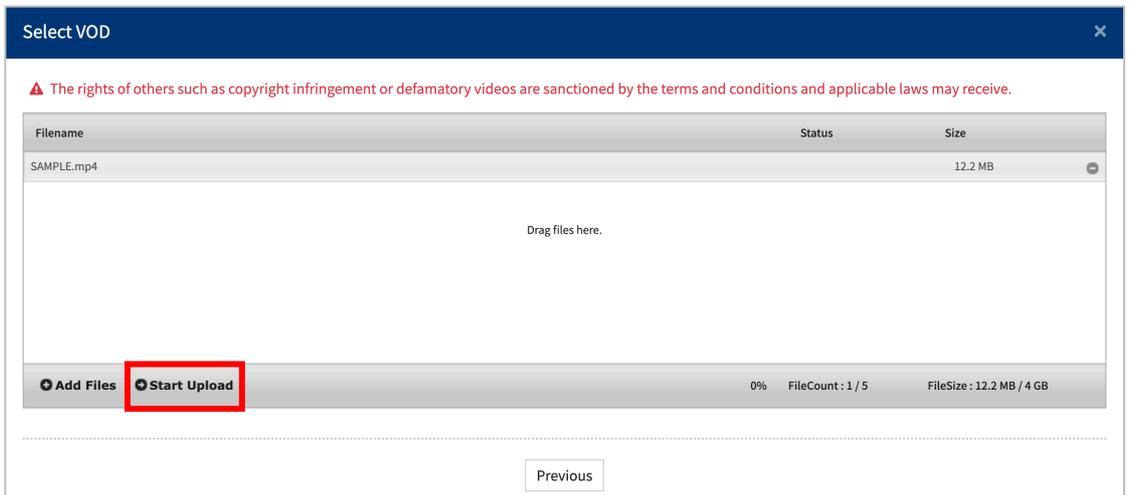
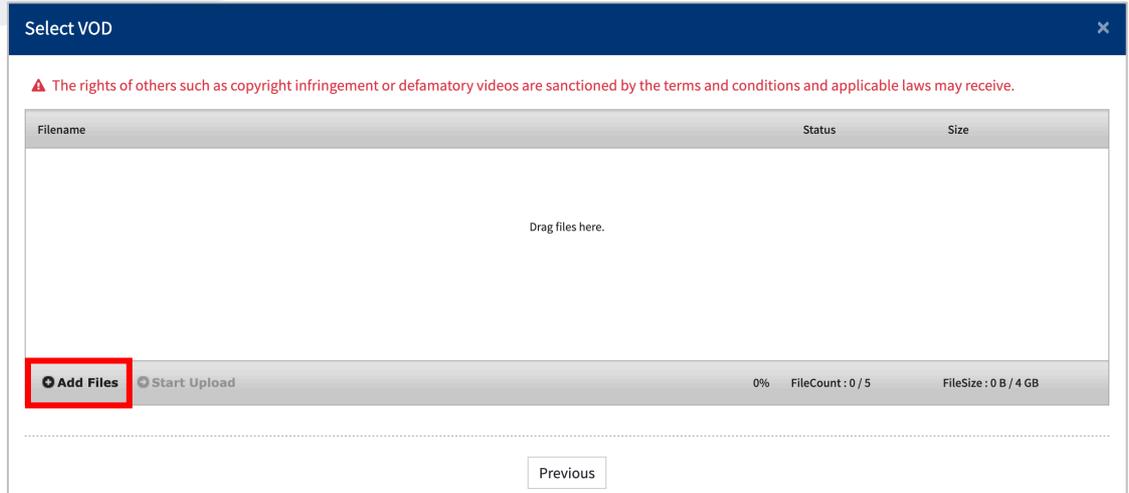
Click "VOD Upload" button at "Select VOD" section.

If you have an existing uploaded file, click "Selec" button.



The screenshot shows a form titled "Select VOD". It contains a "Selected VOD" input field with a red error icon. To the right of the input field are two buttons: "Select" and "Vod upload". The "Vod upload" button has an upward arrow icon and is highlighted with a red border.

Click "Add Files" button and select the video you want to upload, and then click "Start upload".



Then, select the video you have uploaded and click "Select VOD" button.



The conversion proceeds automatically by clicking "Select VOD" button to close the select VOD window.

The process of converting your videos to support them from anywhere on your PC or mobile is automatic.

The screenshot shows a 'Select VOD' window with a dark blue header. At the top left is a 'Download' button, and at the top right are 'Previous' and 'Select VOD' buttons. The main area features a video player with a play button and a lightbulb icon. To the right of the player is a 'VOD information' panel with the following details:

- Original file name: SAMPLE.mp4
- Updated date: 2021-02-02 10:15
- Playing time: 02:41
- Conversion resolution: 1280x720
- View count: 2
- Registrant: kim (t001)
- Conversion status: Complete
- UUID: 7db233a8-06b6-43cf-8dea-02cdc62cbb6a

Below the video player is a 'Basic info' tab with sub-tabs for 'Share', 'Utilize lecture material', and '자막'. The 'Basic info' section contains input fields for 'Subject' and 'Content'. At the bottom left is a 'Delete' button, and at the bottom right are 'Save', 'Previous', and 'Select VOD' buttons.

Set time limitation for students' video watching. (Thus, only when students watch the video at that time period, LMS will recognize students' video watching action)

Lastly, click [Save] button.

* If you use the online attendance, you can modify the attendance period in the online attendance.

The screenshot shows the 'Progress Management' settings panel. It includes the following options:

- Progress check: Yes
- Opening limited to: 2021, February, 7, 00, 00, with a calendar icon and an 'Enable' checkbox.
- Closing limited to: 2021, February, 14, 23, 59, with a calendar icon and an 'Enable' checkbox.
- View restrict: View

E-Content

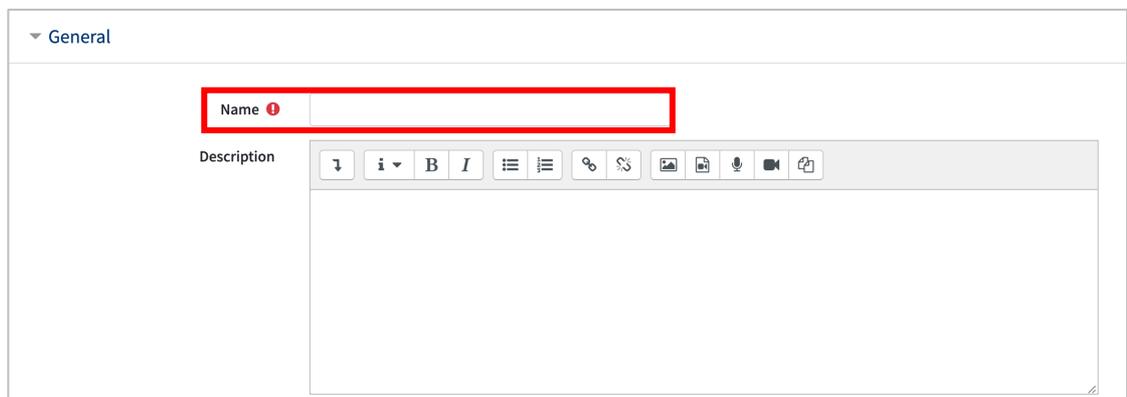
It is possible to utilize e-learning contents such as Flash and HTML files in the LMS. In order to upload this kind of contents, follow these steps:

First, find out the name of the file that the e-learning content is initiated with. If the e-learning content is a ZIP/RAR file, extract and find out its initiating file name.

Click "Add Resource/Activity" button near the section where you want to add the e-learning content.

Then, in the opening panel, click "video" button, showed with .

Input a name for the e-learning content.



▼ General

Name 

Description



Click "Select contents" button to choose the e-learning content you want to upload.



▼ Content

E-contents 

Select Contents

In the pop-up page, click "Add econtents" button on the top-right of the window.
 *You can reuse the e-contents which you have uploaded before.

The screenshot shows a window titled "Select" with a search bar at the top. The search bar contains "Content Name" and a "Search" button. To the right of the search bar is a red-bordered button labeled "Add econtents". Below the search bar is a table with the following columns: No., Content Name, Registration User, Registration Date, Preview, and Select. The table is currently empty, displaying "No Content" in the center. A "Delete" button is located at the bottom left of the table area.

Input a name for the content, select the file (as zip or html) from your computer files, and input the name of the file that the e-content will be initiated with, which you had taken note of in the beginning. And click "Save" button as the last step.

The screenshot shows the "Select" window with the following form fields:

- Content Name:** A text input field with "Content Name" entered, highlighted with a red border.
- Content Description:** A text area with "Content Description" entered.
- Is public?:** Radio buttons for "Public" (selected) and "Not public".
- File(zip or html file):** A file selection field with a "파일 선택" button and "선택된 파일 없음" text, highlighted with a red border.
- Indexfile or URL:** A text input field with "Indexfile or URL" entered, highlighted with a red border.
- Learning time(min):** A numeric input field with "10" and the label "Minutes (Learning time)".
- Popup window size:** Two numeric input fields with "1024" and "768" and the label "(Popup window size)".
- Thumbnail:** A file selection field with a "파일 선택" button and "선택된 파일 없음" text.
- estream:** Radio buttons for "Yes" and "No" (selected).

Select content from the list.

The screenshot shows the "Select" window with the search bar and a table of e-contents. The table has the following columns: No., Content Name, Registration User, Registration Date, Preview, and Select. The table contains one row with the following data:

No.	Content Name	Registration User	Registration Date	Preview	Select
1	1주차 콘텐츠	kim	2021-02-07 14:32	Preview	Select

 The "Select" button in the last column of the first row is highlighted with a red border.



Set time limitation for students' video watching. (Thus, only when students watch the video at that time period.)

Lastly, click [Save] button.

* If you use the online attendance, you can modify the attendance period in the online attendance.

▼ Available duration

Progress check	Yes
Limiting Open at	2021 February 7 00 00 <input checked="" type="checkbox"/> Enable
Limiting Close at	2021 February 14 23 59 <input checked="" type="checkbox"/> Enable
View restrict	View

[Advanced] Register Youtube videos using E-content

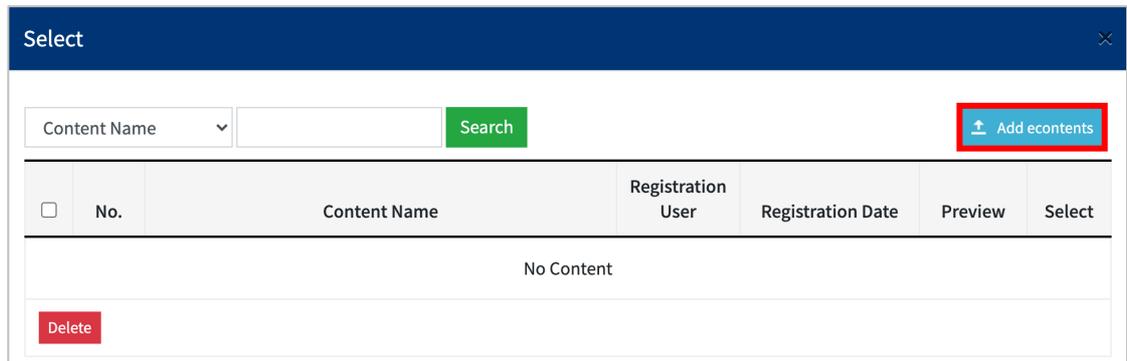
Input a name for the e-learning content, and click "Select contents" button.



Content

E-contents ! Select Contents

In the pop-up page, click "Add econtents" button on the top-right of the window.



Select

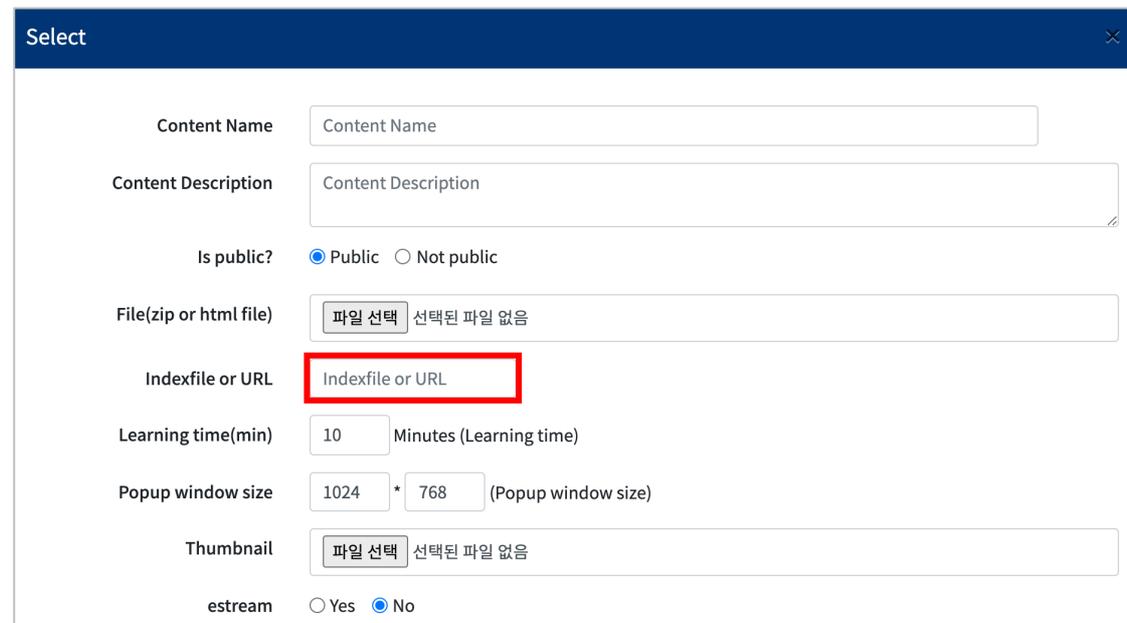
Content Name Search Add econtents

<input type="checkbox"/>	No.	Content Name	Registration User	Registration Date	Preview	Select
No Content						

Delete

In "Indexfile or URL", enter the Youtube content address. The form of the address is as follows.

<https://www.youtube.com/embed/Content unique value>



Select

Content Name

Content Description

Is public? Public Not public

File(zip or html file) 선택된 파일 없음

Indexfile or URL Indexfile or URL

Learning time(min) Minutes (Learning time)

Popup window size * (Popup window size)

Thumbnail 선택된 파일 없음

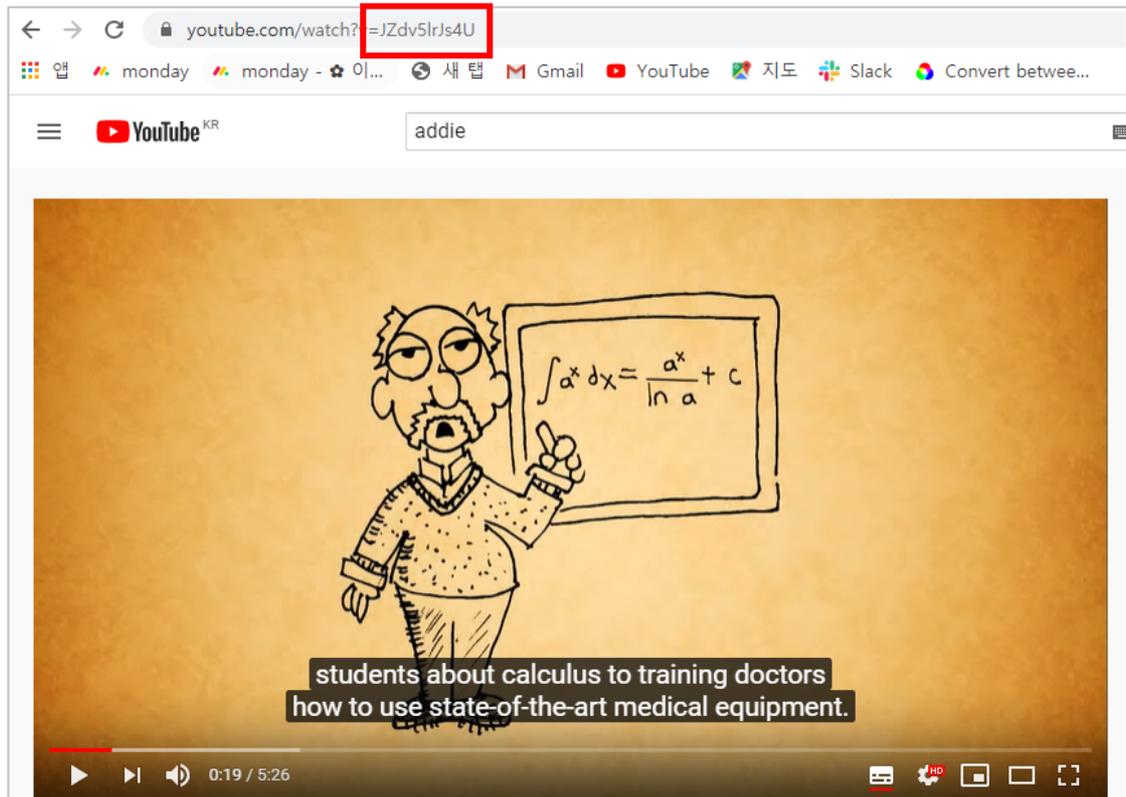
estream Yes No

The content unique value is the value after "=" in the YouTube link.

The following example is JZdv5lrjs4U:

The content unique value is the value after = in the Youtube link.

The following example is JZdv5lrjs4U.



Select content from the list, and lastly, click [Save] button.

Select

Content Name Search [Add econtents](#)

<input type="checkbox"/>	No.	Content Name	Registration User	Registration Date	Preview	Select
<input type="checkbox"/>	1	1주차 콘텐츠	kim	2021-02-07 14:32	Preview	Select

URL Link

With URL links, you can open the outside sources (news, videos, etc.) in a new tab without affecting your LMS use.

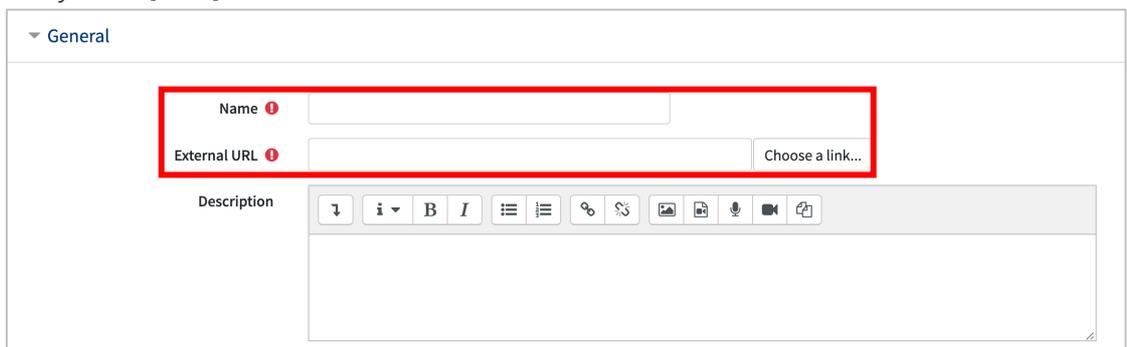
Click "Add Resource/Activity" button near the section where you want to add the URL link.

Then, in the opening panel, click "URL" button, displayed with .

Input a name for the URL link.

Copy and paste the URL address of the outside website into the "External URL".

Lastly, click [Save] button.



The screenshot shows the 'General' panel of an LMS interface. It contains three main sections: 'Name', 'External URL', and 'Description'. The 'Name' and 'External URL' fields are highlighted with a red rectangular box. The 'External URL' field includes a 'Choose a link...' button. The 'Description' field features a rich text editor toolbar with icons for undo, redo, bold, italic, list, link, unlink, image, video, audio, and document.

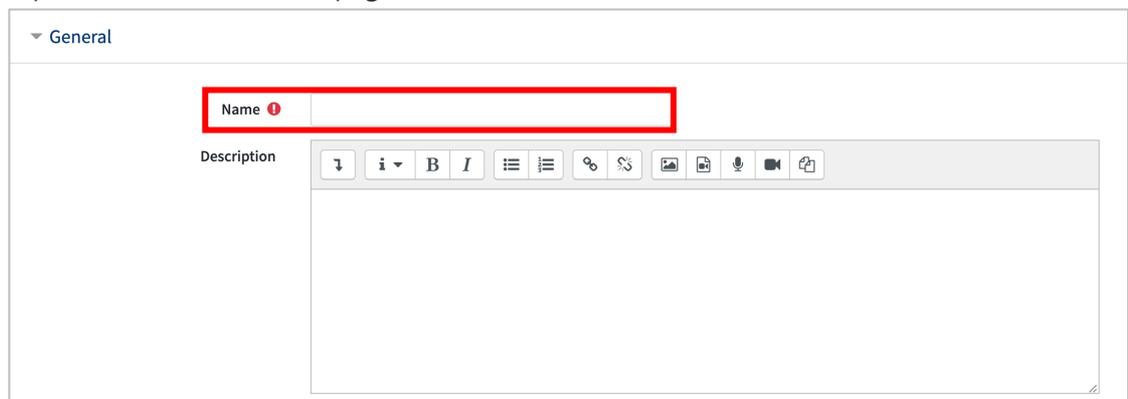
Web Page

Apart from adding documents by uploading them, you can add the documents in a webpage format. The advantages of webpages are that you can utilize all functions of webpages like HTML and that you can rapidly edit the documents in the webpage format comparing to editing normal documents in LMS.

Click "Add Resource/Activity" button near the section where you want to add the web page.

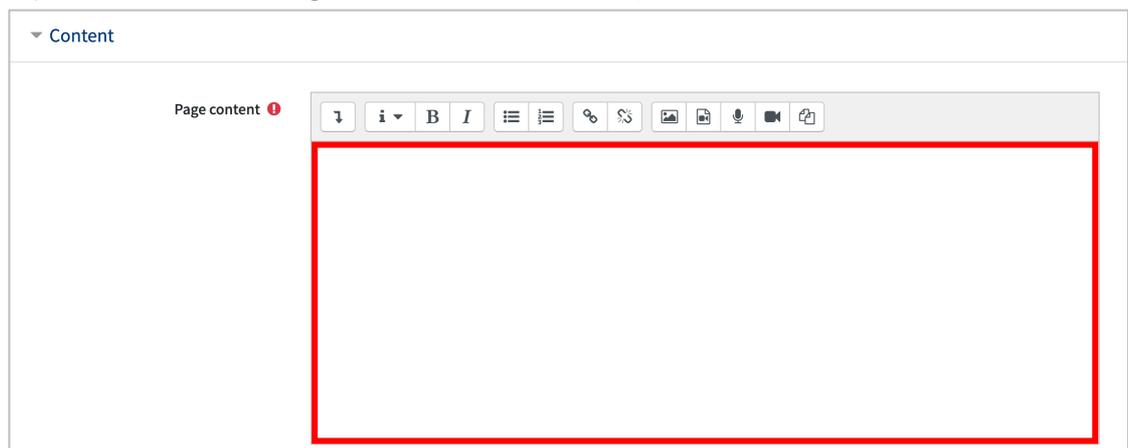
Then, in the opening panel, click "URL" button, displayed with  .

Input a name for the web page.



The screenshot shows the 'General' tab of the LMS interface. At the top, there is a dropdown menu labeled 'General'. Below it, there is a 'Name' field with a red box around it. To the right of the 'Name' field is a red circle containing a code icon (</>). Below the 'Name' field is a 'Description' field with a rich text editor toolbar. The toolbar includes icons for undo, redo, bold, italic, bulleted list, numbered list, link, unlink, image, video, audio, and help.

Input the content to "Page Content" and click [Save] button.



The screenshot shows the 'Content' tab of the LMS interface. At the top, there is a dropdown menu labeled 'Content'. Below it, there is a 'Page content' field with a red box around it. Above the 'Page content' field is a rich text editor toolbar. The toolbar includes icons for undo, redo, bold, italic, bulleted list, numbered list, link, unlink, image, video, audio, and help.

Click "Web Page" to view them in the form of a web page.

홈 / 빅데이터분석 / 딥러닝이란 무엇인가?

딥러닝이란 무엇인가?

딥러닝이란 무엇인가?

수아킵 리서치 블로그 두 번째 글의 주제는 '딥러닝이란 무엇인가?' 입니다. 오늘날의 AI(인공지능)를 가능하게 하는 기술이 '딥러닝'이라고들 하는데, 왜 수아킵 리서치 블로그에서 '머신러닝'부터 언급하고 '딥러닝'은 뒷전에 뒀는지 의아한 분들이 많으실 것으로 생각합니다. 이 글을 통해 그 궁금증을 풀어드리고자 합니다. 전체 글을 두 개의 포스팅으로 구분하여 게시하였습니다.

서론

요즘에 딥러닝(Deep Learning)이란 단어가 여기저기에서 많이 들려옵니다. 머신러닝(machine learning)과 헷지 느낌이 비슷한데, '딥'하다는 수식어가 붙어서 뭔가 좀 더 심오해(?) 보이기도 합니다.

오늘날 딥러닝이라는 단어는 대부분 AI의 고리표차림 등장하는 경우가 많습니다. 본래 딥러닝은 2016년 초까지는 아는 사람만 아는 단어였는데, 국내에서는 특히 2016년 3월 바둑 두는 기계인 '알파고(AlphaGo)'가 대한민국의 이세돌 9단을 바둑으로 압승하면서 널리 알려졌습니다. 세간에서는 AI의 괄목할 만한 발전을 보면서 딥러닝의 무궁무진한 가능성을 높게 보는 사람들이 늘어났고, 좀 더 상상력이 풍부한 분들은 이를 보며 "인간이 기계 제국에 지배당할 날이 머지 않았다"는 우려까지 하시게 된 것 같습니다.

"딥러닝 썼더니 바둑도 잘 두던데? 우리 비즈니스에도 딥러닝 적용하면 전부 대체 가능하겠네!"

이러한 변화의 궤적에서, 필자는 개인적으로 '딥러닝 만능주의'가 생겨나고 있다는 느낌을 지울 수 없습니다. 실제로 적지 않은 국가 혹은 기업의 의사결정권자들이, 딥러닝의 성공적인 적용 사례만을 보고 (위와 같은 뉘앙스로 말씀하시면서) 호기롭게 딥러닝을 자신들의 비즈니스에도 적용해보자는 주장을 하시는 것을 심심치 않게 보고 들어 왔습니다. 그러나, 현재의 딥러닝에는 엄연한 약점이 존재하며, 아직까지는 특정 부류 업무의 자동화를 위한 하나의 도구로 보아야 할당합니다.

이번 글에서는 이러한 오해를 불식하고자, 딥러닝이란 기술이 본질적으로 무엇인지, 어떤 강점과 약점이 있는지, 어떠한 문제에 효과적으로 적용될 수 있는지 등을 중심으로 이야기해 보고자 합니다.

최종 수정 일자: 2020-02-25 11:32

(COMMON)

Edit/Delete Course Activities & Resources

In order to edit or delete a course activity or resource.

First, click "Turn editing on" button, located at the top-right of the course homepage.



Then, click cogwheel button near to the course activity/material you want to edit or delete.

The all actions you can do are as follows:

- Edit settings: Edit its settings
- Delete: Delete it (it is moved to the recycle bin)
- Move right: Move it to right side by making an indentation.
- Hide: Hide it from students (if you click it, students will not be able to see it)
- Duplicate: Duplicate it.

The screenshot shows a course activity card with the following details: a play button icon, the text "1주차 강의자료", and a date range "2021-03-02 00:00:00 ~ 2021-03-15 23:59:00, 17:00". A blue cogwheel icon is highlighted in the top right corner of the card. A settings menu is open, listing the following actions: "Edit settings" (gear icon), "Delete" (trash can icon), "Move right" (arrow icon), "Hide" (eye icon), and "Duplicate" (copy icon).

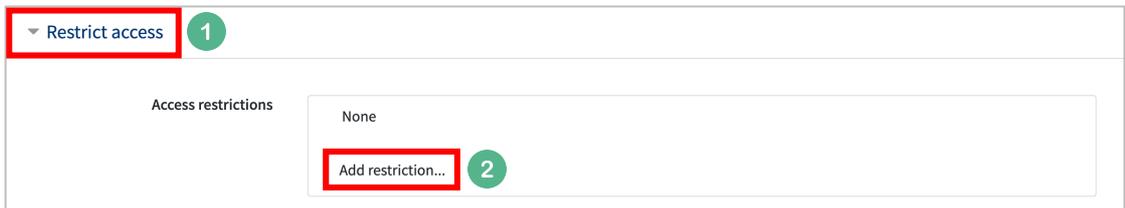
(ADVANCED)

Add Access Restriction

You can set a variety of restrictions to access course activities/materials for students. This function is useful especially for personalized/individualized learning.

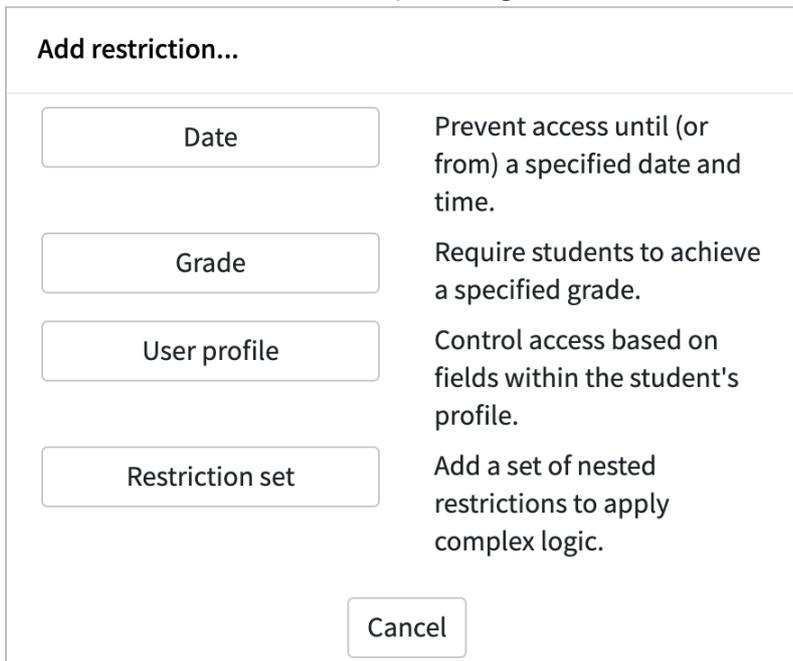
Follow these steps to use this function:

When you add a course activity or material, there is "Restrict access" option below the page. Click it and then click "Add restriction" button.



The screenshot shows a dropdown menu with the text "Restrict access" and a circled "1" next to it. Below the dropdown, there is a section titled "Access restrictions" with a "None" option. A red box highlights the "Add restriction..." button, which has a circled "2" next to it.

Then, select conditions for access restriction. For example, you can prevent students to access a resource/activity until a specified time, or you can enable to access it only for the students who have achieved a specified grade.



The "Add restriction..." dialog box contains four options, each with a description:

- Date**: Prevent access until (or from) a specified date and time.
- Grade**: Require students to achieve a specified grade.
- User profile**: Control access based on fields within the student's profile.
- Restriction set**: Add a set of nested restrictions to apply complex logic.

A "Cancel" button is located at the bottom of the dialog.