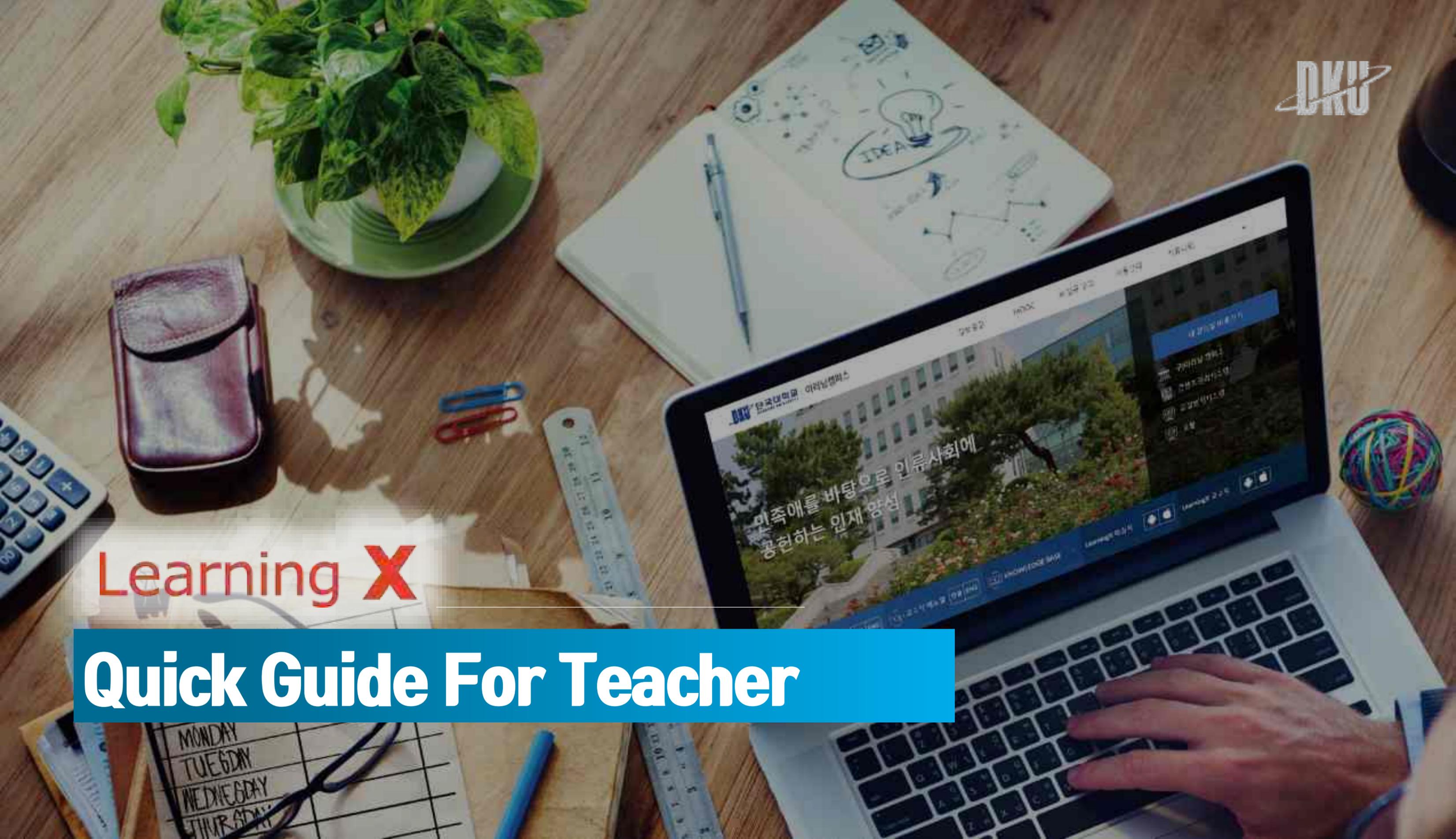


Learning X

# Quick Guide For Teacher



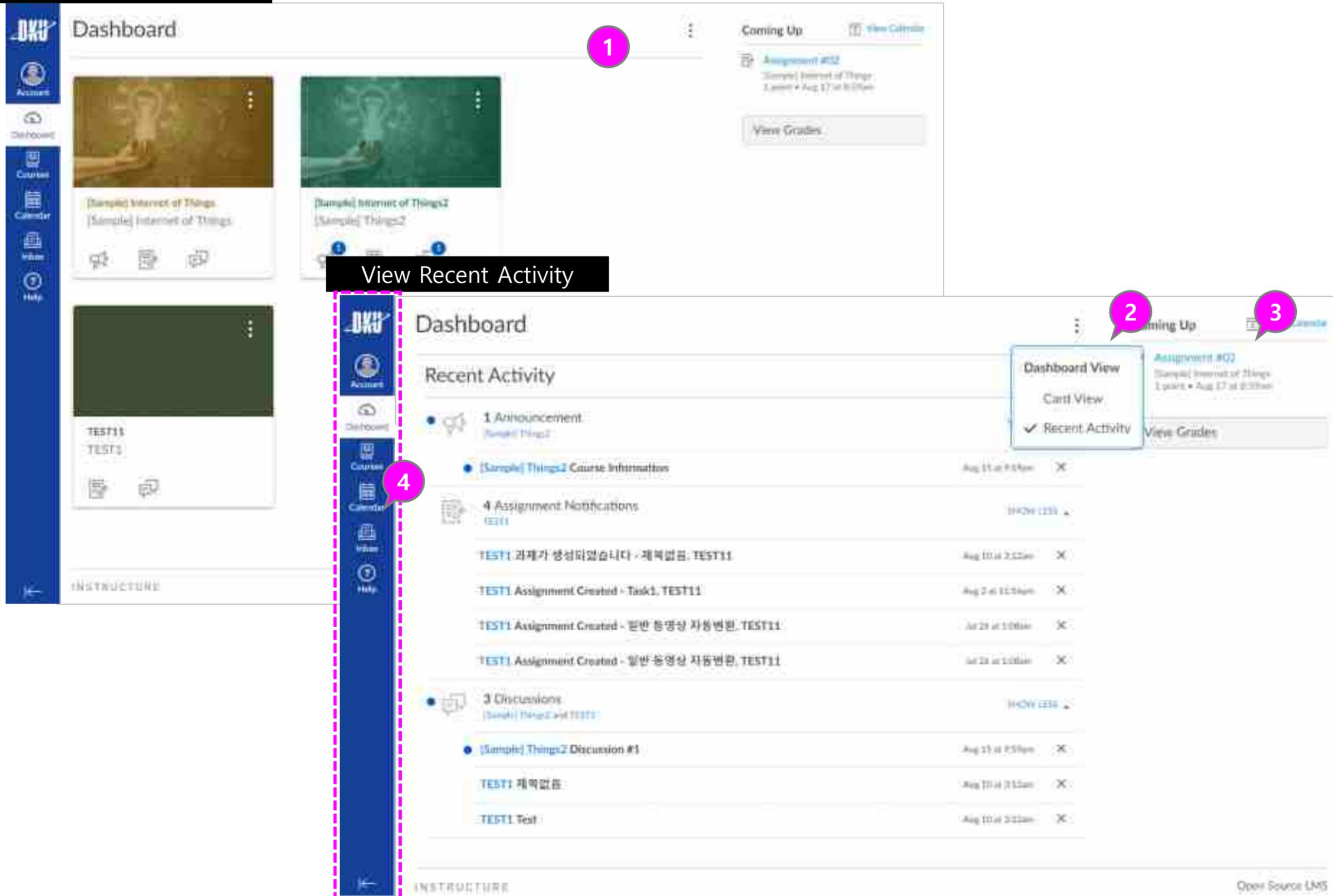
Learning **X**

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# 1. Login & Getting Started / Main Menu Guide



Dashboard



View Recent Activity

- ① **When you sign in with your personal account, you will see a dashboard of all courses.**
  - Select a course card and move to the course.
- ② **You can choose from dashboard forms, course card view, and recent activities.**
  - **Card View** : My courses are displayed in a card list, and you can navigate to them.
  - **Recent activity**: You can collect the latest registration notifications for each corner of my course.
- ③ **To-do List**
  - Displays tasks for all courses.
  - In the case of instructors, you can check the grades to be graded or completed in the To-Do list.
- ④ **Global navigation menu**
  - **Accounts**: Check your personal account and change settings / notifications
  - **Dashboard**
  - **Courses**: Full list of Courses.
  - **Group**: List of affiliations
  - **Calendar**: Collection of all courses and individual / group schedules
  - **Inbox**: send / receive messages by courses / group / individual

1

Account

Dashboard

Courses

Calendar

Inbox

Help

Notifications

Files

Settings

Notification Preferences

✓ Notify me right away    ⌚ Send daily summary    📅 Send weekly summary    ✕ Do not send me anything

**Course Activities**

	✓	⌚	📅	✕
Due Date	✓	⌚	📅	✕
Grading Policies	✓	⌚	📅	✕
Course Content	✓	⌚	📅	✕
Files	✓	⌚	📅	✕
Announcement	✓	⌚	📅	✕
Announcement Created By You	✓	⌚	📅	✕
Grading	✓	⌚	📅	✕
Invitation	✓	⌚	📅	✕
All Submissions	✓	⌚	📅	✕
Late Grading	✓	⌚	📅	✕
Submission Comment	✓	⌚	📅	✕
Blueprint Sync	✓	⌚	📅	✕
<b>Discussions</b>				
Discussion	✓	⌚	📅	✕
Discussion Post	✓	⌚	📅	✕
<b>Conversations</b>				
Added To Conversation	✓	⌚	📅	✕

2

Email address  
grod11@nomail.com

① **Account menu sub items**  
: In the Account menu, you can view / set the following items.

- **Notifications:** Set up email / mobile push notifications for various activities.
- **File:** You can check the whole file collection that you uploaded from the site. (Commons registration files and other materials that are directly attached)
- **Settings:** Set up your personal profile or registration service.

② **Notification settings**

- In the Notification settings, you can fine-tune which items are received on an ongoing basis by email / push notifications for each activity.

The screenshot shows a web-based calendar application. On the left is a navigation sidebar with icons for Account, Dashboard, Courses, Calendar (highlighted with a dashed red box), Inbox, and Help. The main area displays a monthly calendar for August 2018. At the top, there are view toggle buttons for Week, Month (selected), Agenda, and Scheduler. On the right, there is a secondary calendar view and a list of calendars including '김교수', '[Sample] Internet of Things', '[Sample] Internet of Things2', and 'TEST11'. Two 'Edit Event' modals are overlaid at the bottom. The left modal shows event details like Title, Date, From, Location, and Calendar. The right modal shows similar details plus a 'Publish' toggle switch.

- ① You can check on the schedule for the set time periods for all courses.
- ② You can choose whether to display by Course or not.
- ③ You can check the schedule view status by selecting week / month / schedule list type.
- ④ You can add your own schedule or easily create assignments based on due dates.

## Course bookmark

## All Courses

**Courses** x

[Sample] Internet of Things

[Sample] Internet of Things2

TEST11

All Courses

Welcome to your courses!  
To customize the list of courses, click on the "All Courses" link and star the courses to display.

**All Courses**

Course	Nickname	Term	Enrolled as	Published
☆ [Sample] Internet of Things			Teacher	No
☆ [Sample] Internet of Things2			Teacher	No
☆ TEST11			Teacher	Yes

## ① Course bookmark

- When you select the Course menu, you can quickly display a list of frequently visited favorite courses.
- The favorite course is also displayed in the card view list on the dashboard.

## ② View all courses

- If you select the 'All courses' menu, you will see a complete list of my courses. ★ You can set the star to appear in the course shortcuts and in the dashboard list.

The screenshot illustrates the process of managing messages in the INBOX. It shows a navigation menu on the left with 'Inbox' highlighted (Step 1). The main area displays a list of messages, with one selected (Step 2). The selected message's header shows a 'Reply' button (Step 3). An inset window titled 'Compose Message' shows the form fields: Course ([Sample] Internet of Things2), To ([Sample] Internet of Things2), and Subject ([Sample] Internet of Things2). The 'To' field also shows options for Teachers, Students, and Student Groups.

### ① Inbox

- Select the 'Inbox' menu on the global navigation menu to go to the Inbox.
- If there are new messages, a new message badge is displayed in the message box menu.

### ② Select message list and browse contents

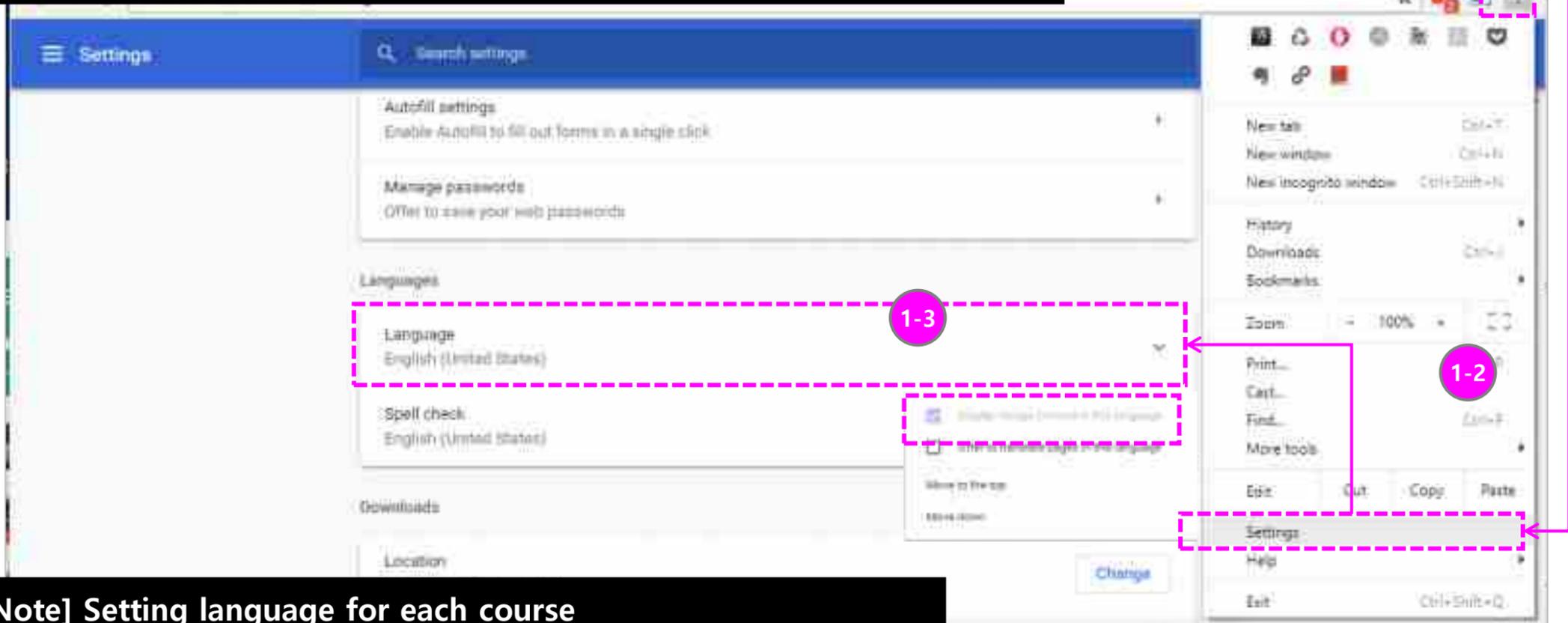
- By selecting a message list, you can view the contents displayed on the right side and reply as needed.

### ③ Create a new message

### ④ Select recipients and write content

- After selecting the course of the message, you can select all the users of the course or the group of the professor / student, or send the selected person directly.
- After writing the content, click [Send].

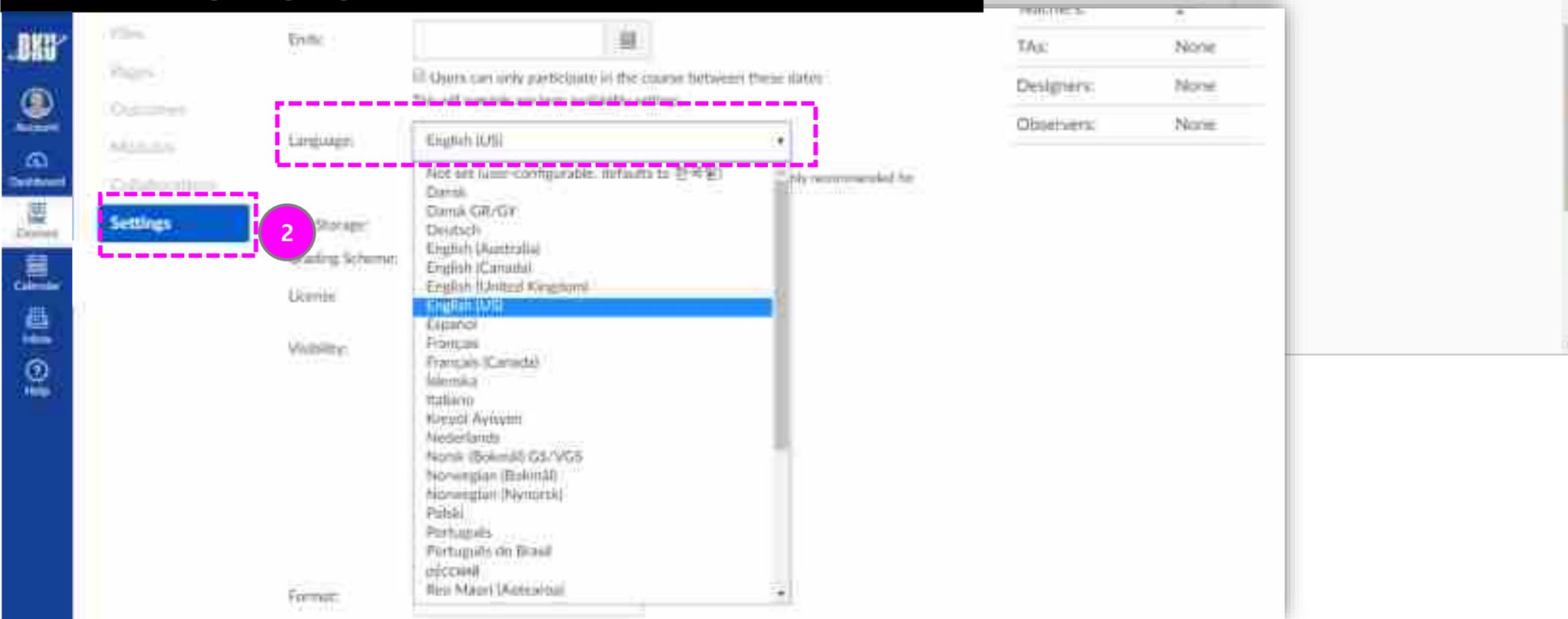
## Change your default language - Change browser language settings



### ① Change the default language setting - Change browser settings

- The site display language depends on the browser language setting, so you can change the browser language setting to display it in the desired language.
- (Based on Chrome) Select the language from [Settings> Language] and check 'Display Google Chrome in this language' to display it in that language.

## [Note] Setting language for each course



### ② Fixed setting of course language

- You can set specific courses to be used only in the specified language. (Overrides user language settings)
- Set the 'Language' item in the [Settings] menu within the course.

Learning X

## 2. Course Home and Course Settings



The screenshot shows the course interface for '[Sample] Internet of Things2'. On the left is a navigation menu with items like Home, Announcements, Syllabus, Open Board, Q&A Board, Lecture Contents, Lecture Resources, Assignments, Quizzes, Discussions, Grades, Learn Status, People, Files, Pages, Modules, Outcomes, Collaboration, and Settings. The main content area includes 'Recent Announcements' with a 'Course Information' announcement, and 'Recent Activity in [Sample] Internet of Things2' showing various assignment notifications. On the right, a settings panel is visible with options like 'Choose Home Page', 'Course Setup Checklist', 'New Announcement', 'Student View', and 'View Course Analytics'. A 'To Do' section shows a 'Grade Assignment #01' and a 'Coming Up' section with a 'View Calendar' link. A 'Choose Course Home Page' dialog box is open, showing options for 'Course Activity Stream', 'Pages Front Page', 'Course Modules', 'Assignments List', and 'Syllabus'. The 'Course Activity Stream' option is selected.

## ① Course menu

- When you select a specific course, the course home appears and the menu of the course is displayed on the left.

## ② Course Home - Activity Stream Types

- If you select the course home as an activity stream, the latest announcements / activities are displayed.

## ③ Set the course home view

- If you want to change the course home, you can change it to another item by clicking the 'Choose Homepage' button.

[Sample] Internet of Things2 - Settings

Course Details **Settings** Navigation Apps Alerts Feature Options

Home Announcements Syllabus Open Board Q&A Board Lecture Contents Lecture Resources Assignments Quizzes Discussions Grades Learn Status People Files Pages Modules Outcomes Collaborations

1-1

1-2

2

3

Drag and drop items to reorder them in the course navigation.

Home	⋮
Syllabus	⋮
Announcements	⋮
Lecture Resources	⋮
Open Board	⋮
Q&A Board	⋮
Assignments	⋮
Quizzes	⋮
Discussions	⋮
Lecture Contents	⋮
People	⋮
Online Attendance	⋮
Grades	⋮
ClassMix	⋮

× Disable  
⇅ Move

Drag the menu placement order to change it

Drag items here to hide them from students.  
Disabling most pages will cause students who visit those pages to be redirected to the course home page.

Files	⋮
Pages	⋮
Outcomes	⋮
Modules	⋮
Collaborations	⋮

Save

Student View  
Course Statistics  
Course Calendar  
Import Course Content  
Export Course Content  
Reset Course Content  
Validate Links in Content

Current Users

Students:	2
Teachers:	2
TAs:	None
Designers:	None
Observers:	None

- ① **Course menu Location to set**
  - You can set the order and use of course menu in the [Setup> Navigation] menu in the course menu.
- ② **Select menu to disable**
  - Selecting the right icon of a specific menu and selecting 'Disable' or dragging it to the bottom area will not be visible to students.
- ③ **Drag the menu placement order to change it**
  - You can adjust the placement order by clicking on the menu and dragging up / down.

Learning X

## 2. Announcements, Lecture resources, Open board & Q&A board



The image shows two screenshots of a Learning Management System (LMS) interface. The top screenshot shows the 'Announcements' page for a course titled '[Sample] Things2'. A pink dashed box highlights the 'Announcements' menu item in the left sidebar. A pink circle with the number '1' points to a '+ Announcement' button in the top right corner of the page. Below the button, there is a section for 'Course Information' with a blue square icon containing the number '1'. The bottom screenshot shows the 'Create new' form for an announcement. A pink circle with the number '2' points to the 'Options' section, which includes checkboxes for 'Delay posting', 'Enable post on feed', and 'Allow HTML'.

### ① Add Announcement

- You can create a new announcement by clicking the **[+Announcement]** button in the 'Announcements' menu in the course.

### ② Delay posting

- Announcements can be set to be open to students from a specific point in time.
- Check 'Delay posting', set the date and time to start public, and save.

The screenshot displays a learning management system interface. On the left is a navigation menu with items like Home, Announcements, Syllabus, Open Board, Q&A Board, Lecture Contents, **Lecture Resources** (highlighted with a dashed pink box), Assignments, Quizzes, Discussions, Grades, Learn Status, People, Files, Pages, Modules, Outcomes, Collaborations, and Settings. The main content area shows a list of resources under the heading "[Sample] Things2 > [Sample] Internet of Things2". The resources listed are:

- Software modeling (PDF)
- The surprising habits of original thinkers (Social Media)
- Software Architecture Document (PDF)
- DESIGNING Software SYSTEM (PDF)
- Programming Motivation (Social Media)

Each resource has a "Statistics" button. A pink callout box labeled "1" points to the "Social Media" icon in the top navigation bar. A pink callout box labeled "2" points to the "Statistics" button for the "Software modeling" resource. A pink callout box labeled "3" points to the "Software modeling" resource. A pink arrow labeled "Sort order" points to the vertical handle on the left of the resource list. An inset window shows the statistics for "Software modeling":

Software modeling

50%

2 Complete

2 Incomplete

Download Error

Lecture Complete (2)

Name	ID	Learning complete date
이동	is01	August 17, 12:20 PM
이동2	is02	August 17, 12:21 PM

Lecture Incomplete (2)

Name	ID
이동3	is03
이동4	is04

### ① Register new material in Lecture Room

- You can register various materials by selecting the register button for each type at the top of the lecture archive.
- You can create a post by registering the post title / content and additional attachments.
- Registerable type
- Resources from Commons
  - Video
  - PDF (Document Viewer + Download Type)
  - File (download type)
  - Social Media
  - Web-link

### ② View statistics by learning materials

- For each learning resource, you can see the statistics that students have learned / viewed.

### ③ Changing the sort order of a list

- You can adjust your lecture archives posts to show them in any order you like.
- Click and drag the left hand handle to make the desired placement sequence.

The screenshot displays the 'Open Board' interface. On the left is a navigation sidebar with options like Home, Announcements, Syllabus, Open Board (highlighted), Q&A Board, Lecture Contents, Lecture Resources, Assignments, Quizzes, Discussions, Grades, Learn Status, and People. The main content area features a search bar with 'Title or Author' and a '+ Write' button (marked with a '1'). Below the search bar are three posts:

- Software engineering can be divided into sub-disciplines (August 17, 0 views, 0 replies)
- Basic definitions of software engineering (August 17, 0 views, 0 replies)
- This board is a place to upload materials and opinions about various learning activities. (August 17, 1 view, 0 replies)

An inset window shows a detailed view of the third post. It includes a 'Go To the List' button, the post title, author information (김코수), date (August 17, 12:19 PM), and a 'Count: 1' indicator. Below the post content is a 'Comment' section with a 'Next >' button (marked with a '3'). A comment by '학생이' (Student) dated August 17, 4:55 PM is shown with the text 'Thank you. It seems to be very useful. I want to share various learning materials.' and a 'Registration' button (marked with a '2').

## ① Write a post

- You can create posts in the open bulletin board / contact bulletin board menu. (Students can also write posts)

## ② Write comment

- You can create a comment for each post.

## ③ Go to post view

- You can browse the post by moving to previous / next button continuously.

Learning X

### 3. Designing weekly learning courses

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

The screenshot shows the course design interface for '[Sample] Things2 > [Sample] Internet of Things2'. The left sidebar contains a navigation menu with 'Lecture Contents' highlighted by a pink dashed box and labeled with a pink circle '1'. The main content area displays a message: 'Course contents have not been designed yet. Start designing course contents by choosing section design method!'. Below this message are two options: 'Create empty sections' (labeled with a pink circle '2') and 'Create section manually'. The 'Create empty sections' dialog box is open, showing the following settings:

- Section basic settings:** 1th Section, 1 Subsection, 1 Unit.
- Section period setting:**
  - Section start date: 2023/03/27
  - Section start date interval: 7 Days
- Attendance period setting:**
  - Attendance period: 7 Days
  - Use tardy acceptance period: [ ]

A 'Create a section' button is located at the bottom right of the dialog box, labeled with a pink circle '3'.

## ① Start on the lecture content menu

- Select section method
- To create a blank section : Create multiple empty Sections.
- Manually create section : Select this method when you want to create a manual section by one.

## ② Empty sections Batch Generation Settings

: Set the following items for Empty sections Batch Generation.

- **Section basic settings:** Enter the number of sections to create and the sub-page / page configuration.
- **Section start date :** Specify the start date of the first section for the period setting for each section.
- **Start date interval for each section :** Specify how many days from the section start date you want to create the section and set the period. (Default is 7 days)
- **Set up attendance period (learning period):** Set a default period for learning period (learn date from start date) for each learning element (default 7 days).
- **Set up tardy period:** If you want to use late tardy period, check Use late tardy period and set how many days later you will be late. (Default 1 day) – Only use if needed for video attendees

### ① Show section and design / visibility

- Blocks are created for the number of section spaces created and displayed separately.

### ② Section / subsection / Page / Learning Elements

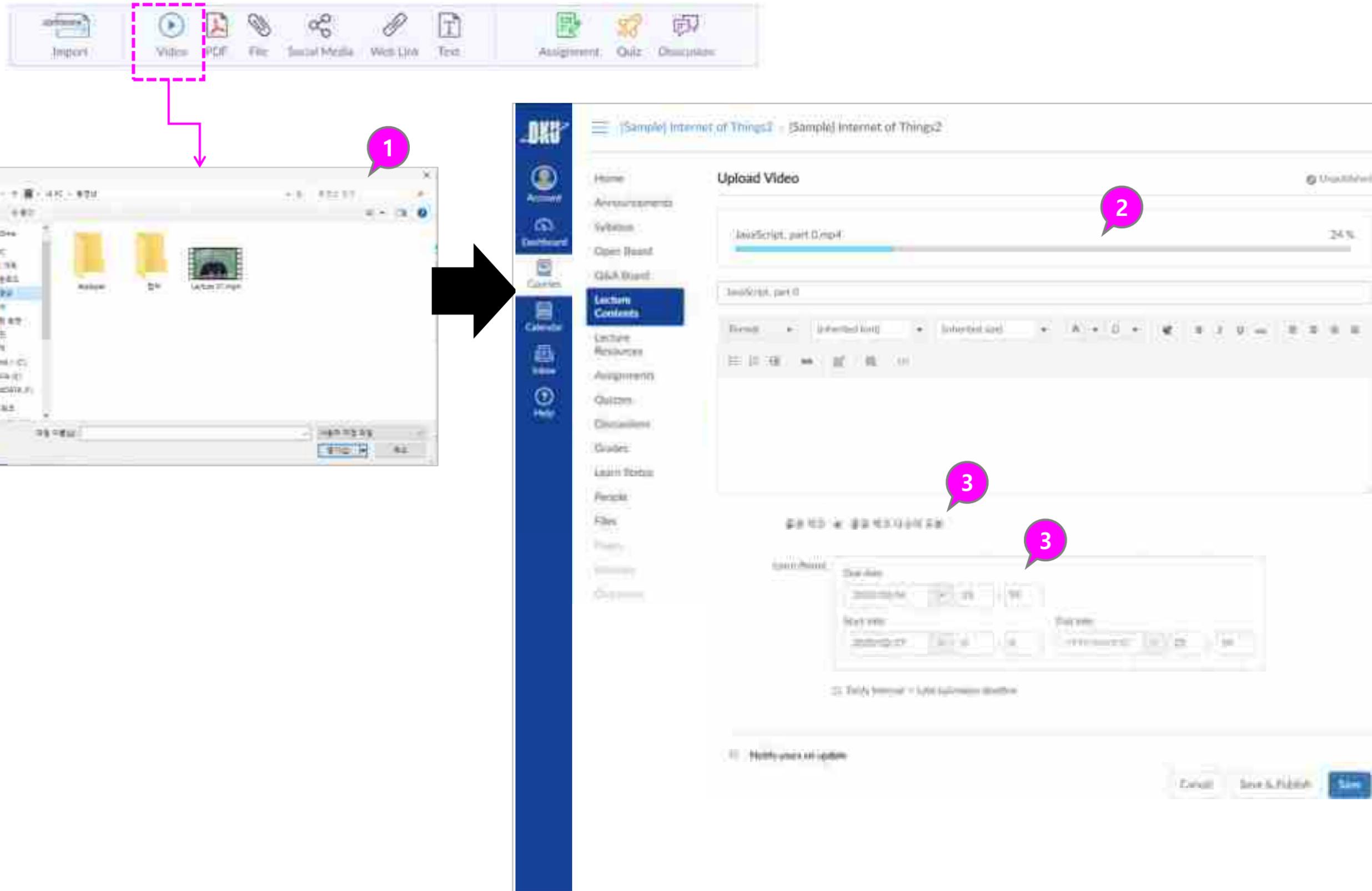
- Displays the sub-frame / page structure for each section, and displays basic information such as the disclosure status and start date.

### ③ Add / edit / delete pages

- You can add section / pass / page separately.
- Modify / delete information can be modified.

### ④ Add Learning Elements

- You can add a variety of learning elements, including videos within each page.
- **Learning Material Elements**
  - Import from Commons
  - Video
  - PDF (document viewer type)
  - File (download type)
  - Social Media
  - Link
- **Graded Elements**
  - Quiz
  - Assignment
  - Discussion



## ① Select video file

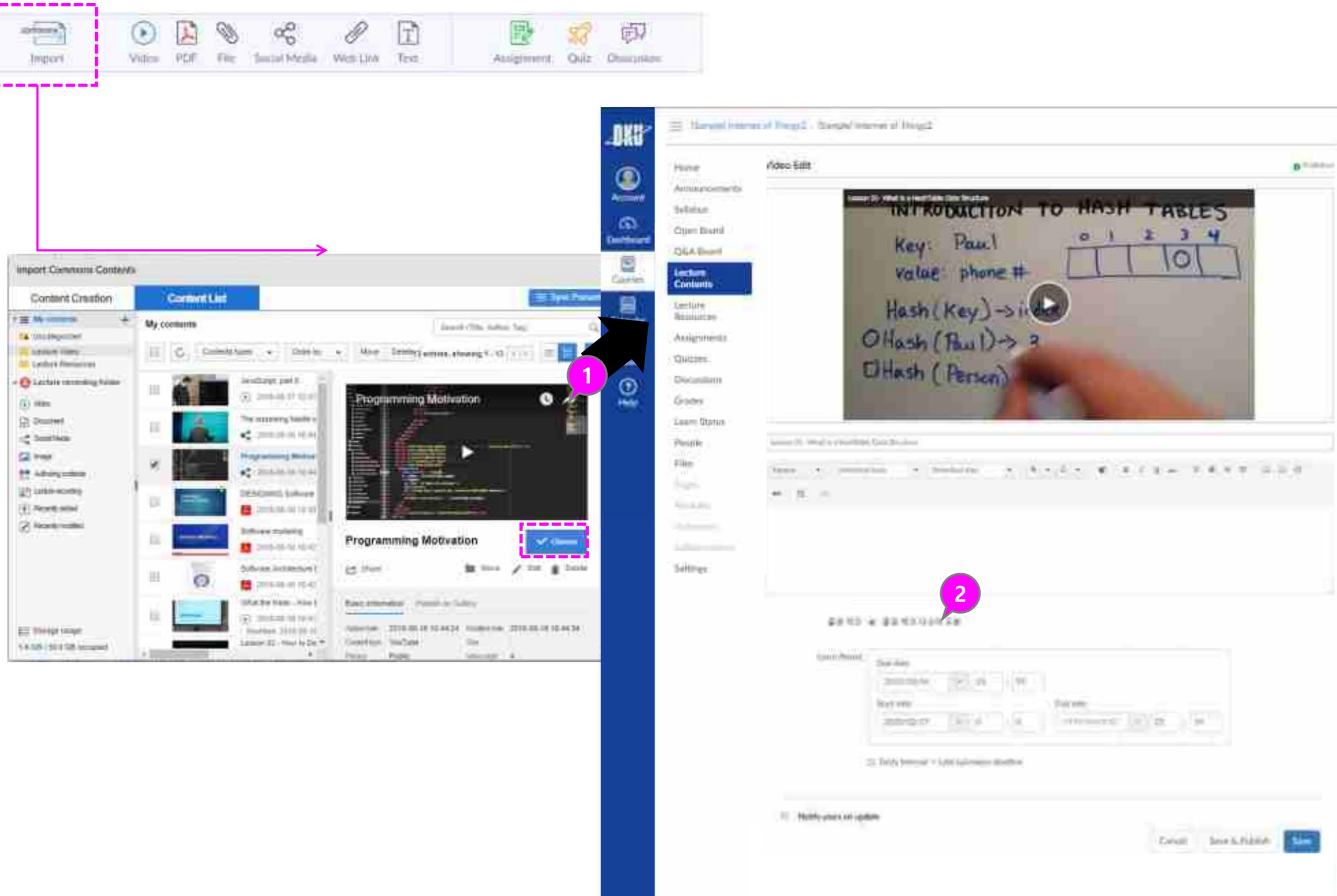
- Select the "Video" icon, then select the file you want to upload.

## ② Check your video upload status

- The progress of the video upload is displayed.

## ③ Confirm settings

- [출결 대상에 포함 (Attendance check)]: Attendance Check: You can select whether or not to be included in the attendance check target.
- Set the start date and the deadline (learning authorization deadline) day according to the section period, and check and save the lateness period setting if necessary.



## ① Select Import from Commons

- Select the "Import Commons contents" icon, and click the [Choose] button in the item to be imported.

## ② Check imported content and settings

- You can preview the imported content.
- According to the section period at the bottom, set the start date and the deadline (learning approval deadline) day, and if necessary, set the permission period and save it.



[Sample] Internet of Things2 · [Sample] Internet of Things2

Home · Announcements · Syllabus · Open Board · Q&A Board · **Lecture Contents** · Lecture Resources · Assignments · Quizzes · Discussions · Grades · Learn Status · People · Files · Pages · Modules · Outcomes · Collaborative · Settings

### Edit assignment

Assignment #01

Format: Selected text | Inherited text

This assignment is to be done individually and is worth a total of 1% of the final mark. Create your personal homepage if you don't already have one. If you do not want to create your own homepage, create your own account on LinkedIn, Facebook, Google Plus, Naver/Daum Blog, etc. and then make a link of this course's homepage to your page. Send me the URL of your site.

Attach a file:  No file chosen

Score:

Grade display option:

Not include assignment to final grade

Submission Type:

Learn Period: Start date: 201... 23 59, End date: 201... 0 0, YYYY/MM/DD, 23 59

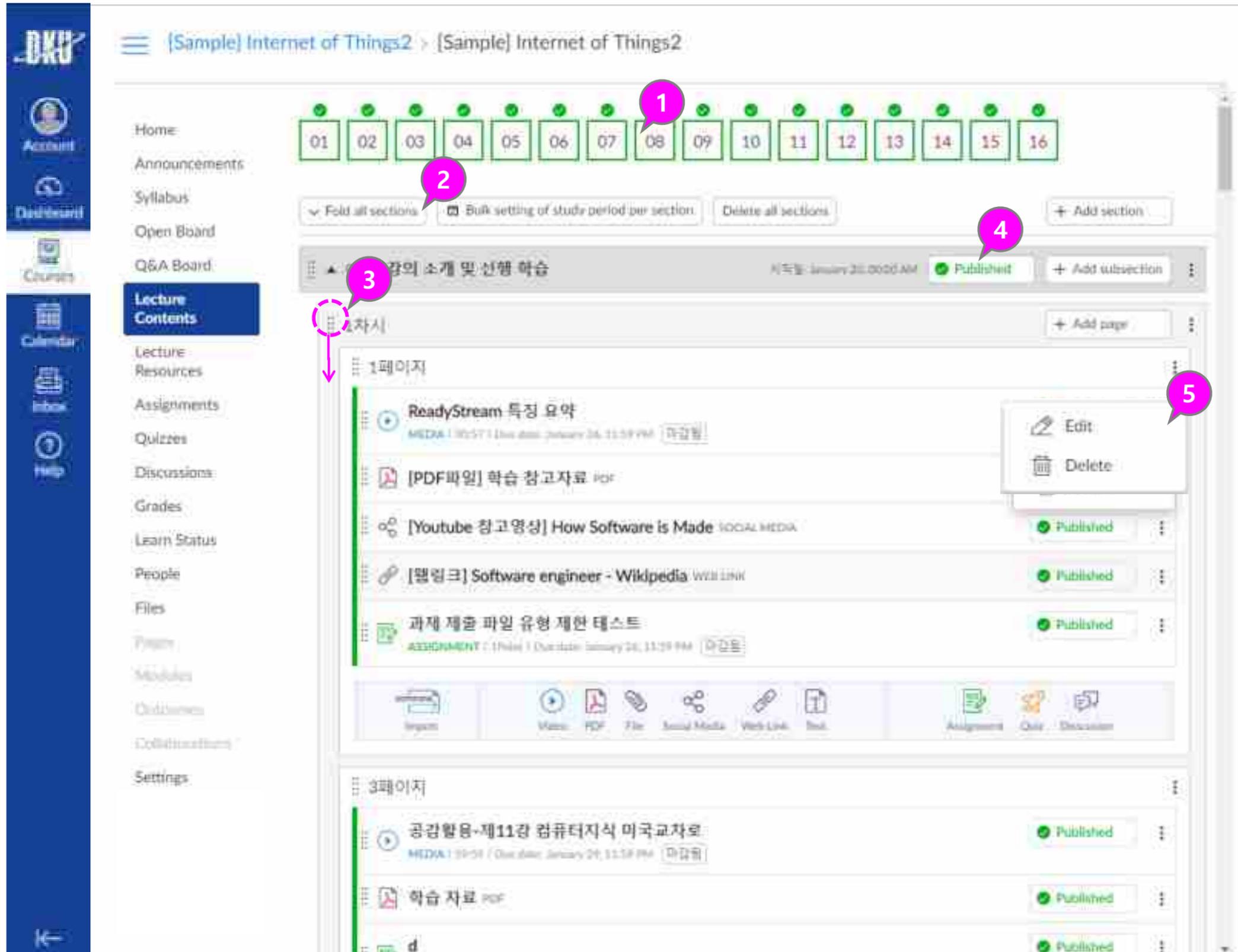
Notify users on update

## ① Enter assignment information

- Enter the title and description of the assignment and register the attachment if necessary.

## ② Set assignment

- View and adjust assignments default policy settings.
- **Score**
- **Grade display option**
- **Check whether they are excluded from grades**
- **Submission type**
- **Learn Period**
  - Submission deadline
  - Star/End date of submission
    - Submissions from the deadline to the 'end date' are acceptable, but are marked 'late'.
    - If you do not set an end date, you will not be allowed to submit your deadline, but only by the deadline.



## ① Check section design / Publishing Status

- You can see whether the section is filled and whether it is open.

## ② Change learning start date of all sections/ Delete all

- Changing learning start date of all sections : You can change the start date of the sections all at once, different from the initial setting.
- Delete all sections: You can delete all sections and restart it to initialize your design.  
※ Please be careful because it can not be reversed.

## ③ Change order

- You can change the order by clicking each handle of the section / main / page / element.

## ④ Change Publishing status

- You can change the Publishing status of each item.

## ⑤ Edit / Delete

- Modify or delete information for each item.

Learning **X**

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## 4. Using quizzes / surveys / discussions



The screenshot shows the 'Details' tab for a quiz titled 'Quiz #01 - Introduction to IoT'. The interface includes a left sidebar with navigation options like Home, Announcements, Syllabus, Open Board, Q&A Board, Lecture Contents, Lecture Resources, Assignments, Quizzes, Discussions, Grades, Learn Status, People, Files, Pages, Modules, Outcomes, Collaborations, and Settings. The 'Quizzes' section is highlighted. The main content area shows the 'Details' tab selected, with a 'Quiz Instructions' section containing a rich text editor. Below this, the 'Options' section is expanded, showing settings for 'Quiz Type' (Graded Quiz), 'Assignment Group' (주제과), 'Options' (Shuffle Answers, Time Limit, Allow Multiple Attempts, etc.), and 'Quiz Restrictions' (Require an access code, Filter IP Addresses). The 'Assign to' field is set to 'Everyone'. The 'Due' date is 'Aug 22 8:59am' and the 'Available from' date is 'Aug 15 9am'.

## ① Quiz policy setting

- On the Details tab, set the policy for the quiz / exams.

## ② Select quiz type

- Graded quiz
- Practice d quiz
- Graded Survey
- Ungraded Survey

## ③ Option setting

- Shuffle answer order
- Time limit
- Allow Retry
- Set answer display style
  - Set whether to publish the correct answer immediately after the presentation or after a certain date.
- Show only one issue at a time

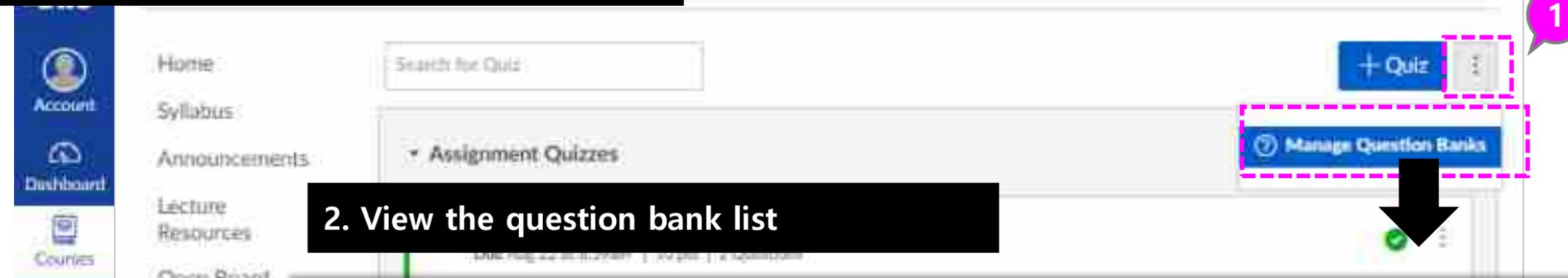
## ④ Set date range

- **Set Due:** Set the date and time when the pool / stake ends.
- **Setting the start date / end date:** Set the date on which the pool / star will start and the period to allow.

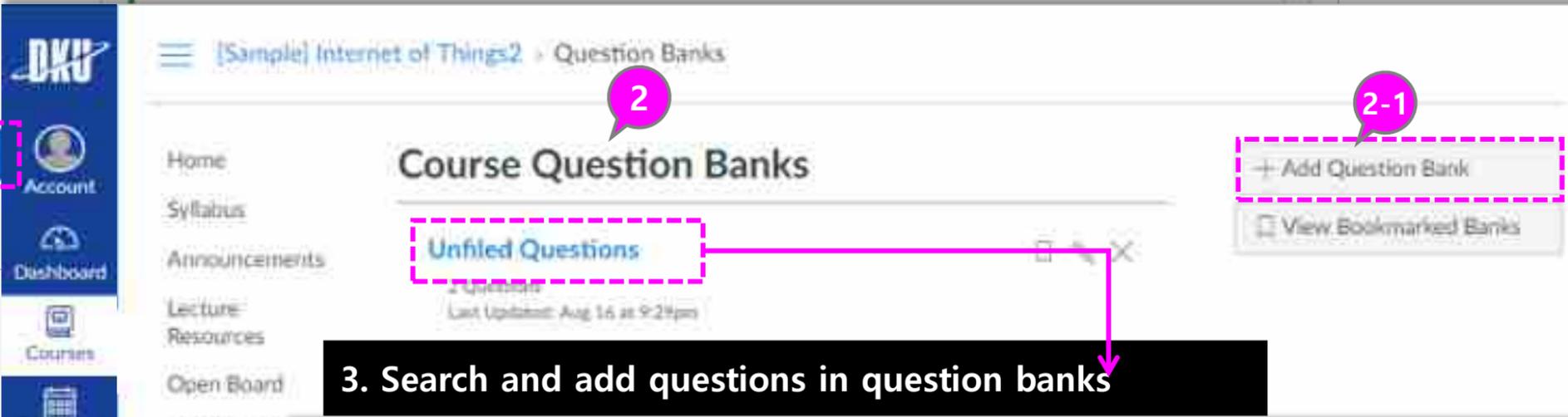
The screenshot illustrates the steps for writing a quiz question in an LMS. It shows the navigation menu, the 'Questions' tab, and the detailed question editor. The editor includes fields for the question title, type (Multiple Choice), points, and a list of possible answers. The 'Update Question' button is highlighted, indicating the final step in saving the question.

- ① **Write a problem**
  - Go to the "Questions" tab and add individual questions.
- ② **Add new question**
  - Write and add new question.
- ③ **Select question title and type**
  - Enter the title of the question.
  - The default value is the same as the 'problem', so you can enter a title or number for easy identification.
  - Select the question type.
- ④ **Set Points**
  - Correct the item score as necessary. (Default 1 point)
- ⑤ **Writing content and answers**
  - Write a description of the problem and the answer to choose. (In case of multiple choice)
- ⑥ **Confirm correct answer setting**
  - Select the view you want to accept as the correct answer. (Default first item)
- ⑦ **Enter commentary**
  - If necessary, enter commentary by view / issue.
- ⑧ **Add another answer**
  - You can add an optional view count.
- ⑨ **Update questions**
  - Select 'Update question ' to save the question.
- ⑩ **Add new issue**
  - You can then add a new question or load it from the question bank as a "Find question"

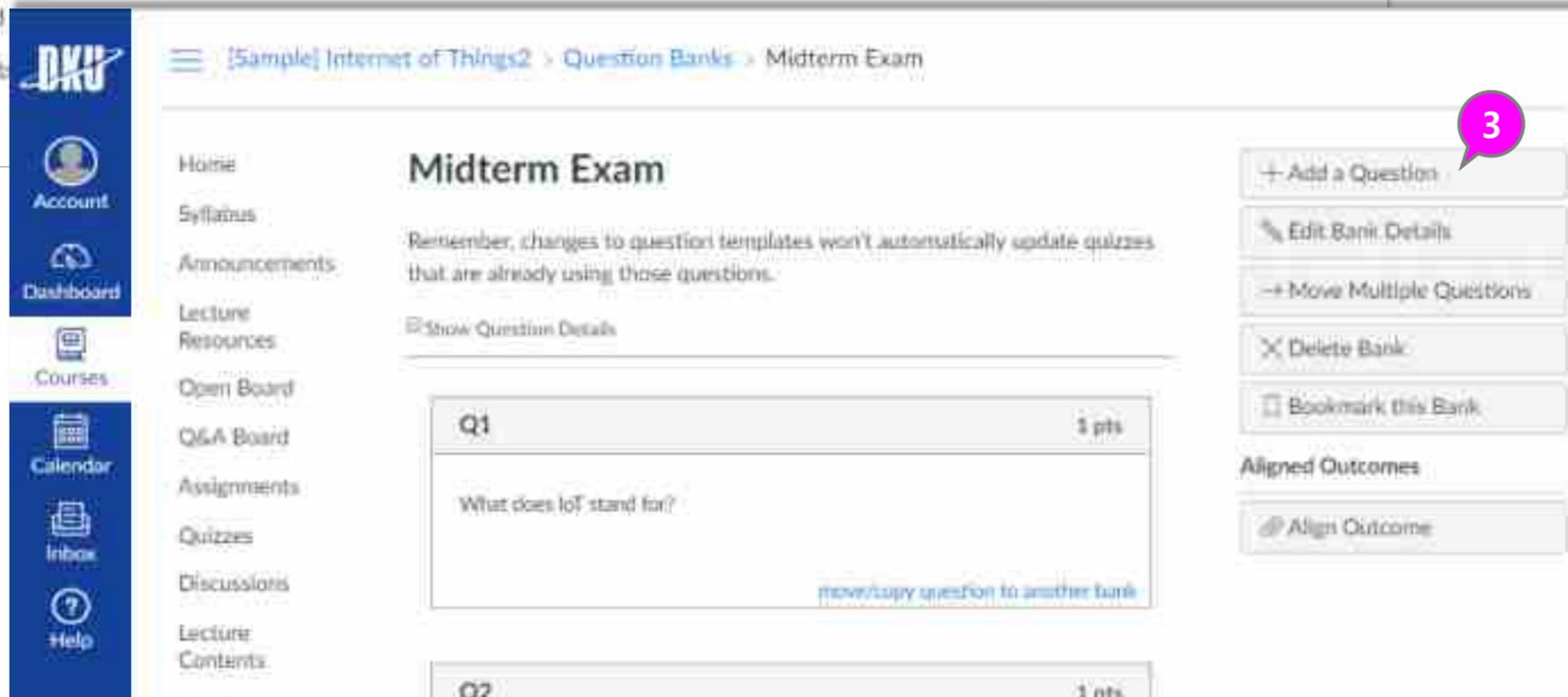
## 1. Open question bank management



## 2. View the question bank list



## 3. Search and add questions in question banks



### ① Select question bank administration

- Select the menu item in the top right corner of the quizzes and select the 'Manage Question banks' item.

### ② View the question bank list

- Basically, you can change the title to the question bank that has been added as an unclassified problem, or add a new question bank.

### ③ View question bank / Add problem

- You can open the question bank item to see the questions included in that question bank, and add new questions.

The screenshot shows the LMS interface for creating a survey. The top navigation bar includes the course name "[Sample] Internet of Things2" and "Quizzes > Unnamed Quiz". The main content area has tabs for "Details" and "Questions". The "Quiz Instructions" section features a rich text editor with a toolbar containing various formatting options like bold, italic, underline, and text color. Below the editor, the "Quiz Type" dropdown menu is open, showing the following options: "Graded Quiz", "Practice Quiz", "Graded Quiz", "Graded Survey" (highlighted in blue), and "Ungraded Survey". A pink dashed box highlights the "Graded Survey" and "Ungraded Survey" options, and a pink circle with the number "1" points to the "Graded Survey" option. The "Assignment Group" section is also visible, with a "Shuffle Answers" checkbox. On the right side, there is a panel titled "Insert Content into the Page" with tabs for "Links", "Files", and "Images". The "Links" tab is active, showing a list of content types: "Pages", "Assignments", "Quizzes", "Announcements", "Discussions", "Modules", and "Course Navigation".

① Create a survey

- Surveys are conducted in the same way as adding 'quizzes', but by selecting 'Graded Survey/Ungraded Survey'.
- **Graded Survey**  
: It can be reflected in the grades based on the participation of the survey.
- **Ungraded Survey**  
: Used as a survey to collect opinions without reflecting on the grades.

The screenshot shows the 'Create new' discussion page in Canvas LMS. A large black arrow points from the left sidebar towards the main content area. Six numbered callouts (1-6) highlight specific features:

- 1**: Topic Title input field.
- 2**: Options section with checkboxes for 'Allow threaded replies', 'Users must post before seeing replies', 'Enable podcast feed', 'Graded', and 'Allow liking'.
- 3**: Group Discussion section with a checked 'This is a Group Discussion' option and a 'Group Set' dropdown menu.
- 4**: Points Possible input field.
- 5**: Peer Reviews section with a checked 'Require Peer Reviews' option and 'How to Assign Peer Reviews' options: 'Manually Assign Peer Reviews' and 'Automatically Assign Peer Reviews'.
- 6**: Assign section with an 'Assign to' dropdown menu, a 'Due' date field, and 'Available from' and 'Until' date fields.

- ① **Write a discussion**
  - Create a title / content for the discussion topic.
- ② **Set Discussion Options**
  - Set the type of participation in the discussion, how it will be graded, and how it will be sorted.
- ③ **Group discussion settings (optional)**
  - When you want to serve as a group discussion other than individual discussions, select the group set (team project) to which you want to assign the discussion.
  - If you do this, each team will have a discussion room.
- ④ **Scoring / grading (when evaluating)**
  - Set grading and grading for grades.
- ⑤ **Peer review settings (optional)**
  - Peer reviews can be set up when peers are evaluated by students.
  - Specify how many feedback evaluations will be performed automatically, and the due date for review.
- ⑥ **Set date range**
  - Set the duration, such as the deadline for participation in discussions.

Learning **X**

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## 5. Checking and grading assignments / quizzes submissions

**Assignment #01**

Related Items: SpeedGrader™, Download Submissions

Assignment #01  
Due: Aug 22 at 8:59am - [Sample] Internet of Things2

Submitted: Aug 16 at 9:31pm

Submitted Files: (click to load)  
Assignment\_04.pdf

Assessment: Grade out of 10  
B

Assignment Comments: Add a Comment

Submit

**HW#1**

(1) if  $E_1 \subseteq E_2$ , then  $P(E_1) \leq P(E_2)$   
 $P(X) \geq 0, P(E_2 - E_1) \geq 0, P(E_2) = P(E_1) + P(E_2 - E_1)$   
 $\uparrow$   
 $\geq P(E_1)$   
 $P(E_1) \leq P(E_2)$

(2)  $P(E_1 \cup E_2) = P(E_1) + P(E_2) - P(E_1 \cap E_2)$   
 $P(E_1) = P(E_1 \cap E_2^c) + P(E_1 \cap E_2)$   
 $P(E_2) = P(E_2 \cap E_1^c) + P(E_2 \cap E_1)$   
 $P(E_1 \cup E_2) = P(E_1 \cap E_2^c) + P(E_1 \cap E_2) + P(E_2 \cap E_1^c) + P(E_2 \cap E_1)$   
 $P(E_1 \cup E_2) = P(E_1 \cap E_2^c) + P(E_2 \cap E_1^c) + 2P(E_1 \cap E_2)$   
 $P(E_1 \cup E_2) = P(E_1) + P(E_2) - P(E_1 \cap E_2)$   
 $E \cap F = \phi$   
 $P(E \cup F|A) = P(E|A) + P(F|A) - P(E \cap F|A) \rightarrow 2P(E|A)$   
 $(E \cap F|A) = 0$  대입해서 풀기.

(4)  $P(\bigcup_{i=1}^n E_i | A) = \sum_{i=1}^n P(E_i | A) - \sum_{i=1}^{n-1} P(\bigcup_{j=1}^i E_j | A)$   
 (if  $E_i$  are disjoint)  $E_i \cap E_j = \phi$   
 $P(E_i \cap E_j | A) = 0$  대입해서 풀기.

**Keyboard Shortcuts:**

- j : Next Student
- k : Previous Student
- o : Leave Comment
- g : Change Grade
- r : Use Rubric

- Open SpeedGrader for grading assignments**
  - Select the [SpeedGrader] menu on the right side of the assignment.
- Check submissions by student**
  - Check and evaluate the submissions for each student.
  - You can expand the student list, move to the next / previous student, and view and evaluate the submissions sequentially.
- View and Download Submissions**
  - You can preview the submission on the left screen, or download the submission by selecting the link to download the file on the right.
- Enter your score**
  - Enter your score. If you have rubric settings, you can open and view the rubric view.
- View & Add comment**
  - Students can view the comments they made at the time of submission and leave feedback on the evaluation.
- Check options**
  - You can choose to view or view your grades, scoring visibility, keyboard shortcuts, and setting options.
- Keyboard Shortcuts**
  - You can use keyboard shortcuts to make continuous scoring more convenient.
- View assignment / evaluation information**
  - You can go to the assignment by selecting the assignment title.
  - You can check the status of the assignment and the overall average score.

## ① View quiz statistics

- To check the statistics of each quizzes / surveys, select the [Quiz statistics] button on the right.

## ② Quiz summary

- You can see a summary of all submissions and average / high / low scores.

## ③ Question analysis

- You can see the answer statistics for each question.

## ④ Check scoring and student submission

- If you have submitted a quiz that requires a descriptive score, or you want to check the student's solving status, you can check and mark it by selecting the [SpeedGrader] button.

The screenshot displays the LMS interface for a quiz titled "Quiz #01 - Introduction to IoT". The interface is divided into several sections:

- Quiz Settings:** Located on the left, it includes fields for Name, Points (20), Assignment Group (5-FB14), Shuffle Answers (No), Time Limit (No Time Limit), Multiple Attempts (No), View Responses (Always), Show Correct Answers (Immediately), and One Question at a Time (No). A "Preview" button is visible at the bottom.
- Quiz Summary:** Located on the right, it provides a high-level overview of the quiz performance. It includes a "Section Filter" and buttons for "Student Analysis" and "Item Analysis". The summary table shows:
 

Open Book	Average Score	High Score	Low Score	Standard Deviation	Average Time
QA Board	100%	100%	100%	0.00	00:05
- Question Breakdown:** Located below the summary, it shows the performance for individual questions. The first question, "What does IoT stand for?", has a score of -0.00. The breakdown table shows:
 

Question	Attempts	Score
Internet of Things	1 responses	100%

 A green circle indicates "100% answered correctly".
- Navigation and Tools:** A vertical sidebar on the left contains navigation icons for Account, Dashboard, Quizzes, Calendar, Inbox, and Help. A "Related Item" section on the right includes buttons for "Quiz Statistics" (highlighted with callout 1), "Moderate This Quiz", and "SpeedGrader" (highlighted with callout 4). Callout 2 points to the "Quiz Summary" table, callout 3 points to the "Question Breakdown" section, and callout 4 points to the "SpeedGrader" button.

The screenshot shows the 'Grades' page for 'Sampled Internet of Things2'. The interface includes a sidebar with navigation options like Account, Dashboard, Courses, Calendar, Inbox, and Help. The main area displays a table of student grades with columns for student ID, name, and various assignment scores. A pop-up window for '학생02' is open, showing details for 'Assignment #01', including a grade input field (currently empty), an 'Update Grade' button, submission date ('Aug 16 at 9:39pm'), and a comment section.

학생 이름	번호 ID	이름	과제 #01	과제 #02	과제 #03	과제 #04	과제 #05	과제 #06	과제 #07	과제 #08	과제 #09	과제 #10	과제 #11	과제 #12	과제 #13	과제 #14	과제 #15	과제 #16	과제 #17
학생01	stu01																		
학생02	stu02																		
학생03	stu03																		
학생04	stu04																		
학생05	stu05																		
학생06	stu06																		
학생07	stu07																		
학생08	stu08																		
학생09	stu09																		
학생10	stu10																		
학생11	stu11																		
학생12	stu12																		
학생13	stu13																		
학생14	stu14																		
학생15	stu15																		
학생16	stu16																		
학생17	stu17																		

### ① Check and report on your submission status

- You can check the submission status and evaluation status for each student / assignment on the gradebook.
- Your submission history will be represented by an icon and, if evaluated, as a score.

### ② Select items and view them individually

- When you select a specific item, you can open a summary assessment to create an assessment and status setting or feedback for the student / assignment.

### ③ Open SpeedGrader and view details

- You can open SpeedGrader for that item for more details and evaluation.

Learning **X**

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## 6. Managing team projects (groups)



[Sample] Internet of Things2 > People

Home  
Announcements  
Syllabus  
Open Board  
Q&A Board  
Lecture Contents  
Lecture Resources  
Assignments  
Quizzes  
Discussions  
Grades  
Learn Status  
**People**  
Files  
Pages  
Modules  
Outcomes  
Collaborations  
Settings

Everyone Groups

Search people All Roles

+ Group Set  
+ People

Name	Login ID	SIS ID	Department	Section	Role	Last Activity	Total Activity
service@kincs.com	service			[Sample] Internet of Things2	Teacher	Aug 16 at 9:57pm	02:56:13
김교수	prof01			[Sample] Internet of Things2	Teacher	Aug 16 at 11:46pm	03:24:45
이학경	stu01			[Sample] Internet of Things2	Student	Aug 16 at 9:30pm	10:03
학성02	stu02			[Sample] Internet of Things2	Student		
학성03	stu03			[Sample] Internet of Things2	Student		
학성04	stu04			[Sample] Internet of Things2	Student		
학성05	stu05			[Sample] Internet of Things2	Student		

### Create Group Set

Group Set Name:

Self Sign-Up  Allow self sign-up

Require group members to be in the same section

Group Structure  Split students into  groups

Require group members to be in the same section

I'll create groups manually

Leadership  Automatically assign a student group leader

Cancel Save

## ① Create a group set for a team project

- You can create a team project group set by selecting the [+ Group Set] button in the upper right corner of the 'People' menu.

## ② Group Configuration Settings

- Sets the group set name and group settings.
- You can automatically create N groups by specifying them, and you can specify the leader automatically.
- If you choose manual generation, you can view the student list directly from the group set and configure the team.

1. The 'Team Project #01' group set is highlighted with a dashed pink box.

2. The 'Groups (3)' list is highlighted with a pink circle.

3. The 'Unassigned Students (1)' list is highlighted with a pink circle. A pink arrow points from this list to the 'Move To...' option in the context menu.

4. The 'Move To...' option in the context menu is highlighted with a pink circle.

5. The 'Visit Group Homepage' button is highlighted with a pink circle.

You can drag and manually place it in a group or change it.

## ① Choose a group set

- Select the group set you created on the Set Up Groups tab.

## ② Verifying Created Group Configuration

- If auto-generated, you can see the group that was created and the configuration month for each group by expanding it.

## ③ Manual teaming or moving members

- To move a particular student to another team, you can drag the student block to another team.
- For manual teaming, you can drag a specific student from the 'Unassigned Student' list to the team you want to assign, or you can add it to your team by selecting the [+] button to the right of the student's name.

## ④ Student menu

- Specific students can be removed from the group / moved to another group, or set as a reader.

## ⑤ Menu by group

- You can visit the group homepage, or edit / delete the group.

1

2

3

DKU

Team Project #01 2 > Discussions

Switch Group ▾

Search title, body, or author

Unread Assignments

+ Discussion

Account

Dashboard

Courses

Calendar

Inbox

Help

Team Project #01 1

Team Project #01 2

Team Project #01 3

People

Discussions

Files

Collaborations

▼ Pinned Discussions

You currently have no pinned discussions

To pin a discussion to the top of the page, drag a discussion here, or select Pin from the discussion settings menu.

▼ Discussions Ordered by Recent Activity

There are no discussions to show in this section.

▼ Closed for Comments Ordered by Recent Activity

There are no discussions to show in this section.

### ① Visit the group homepage

- You can visit the homepage of each created group team to check.
- On the left side, a group sub-menu of each group appears, and you can check the activities in the group.

### ② Post in group

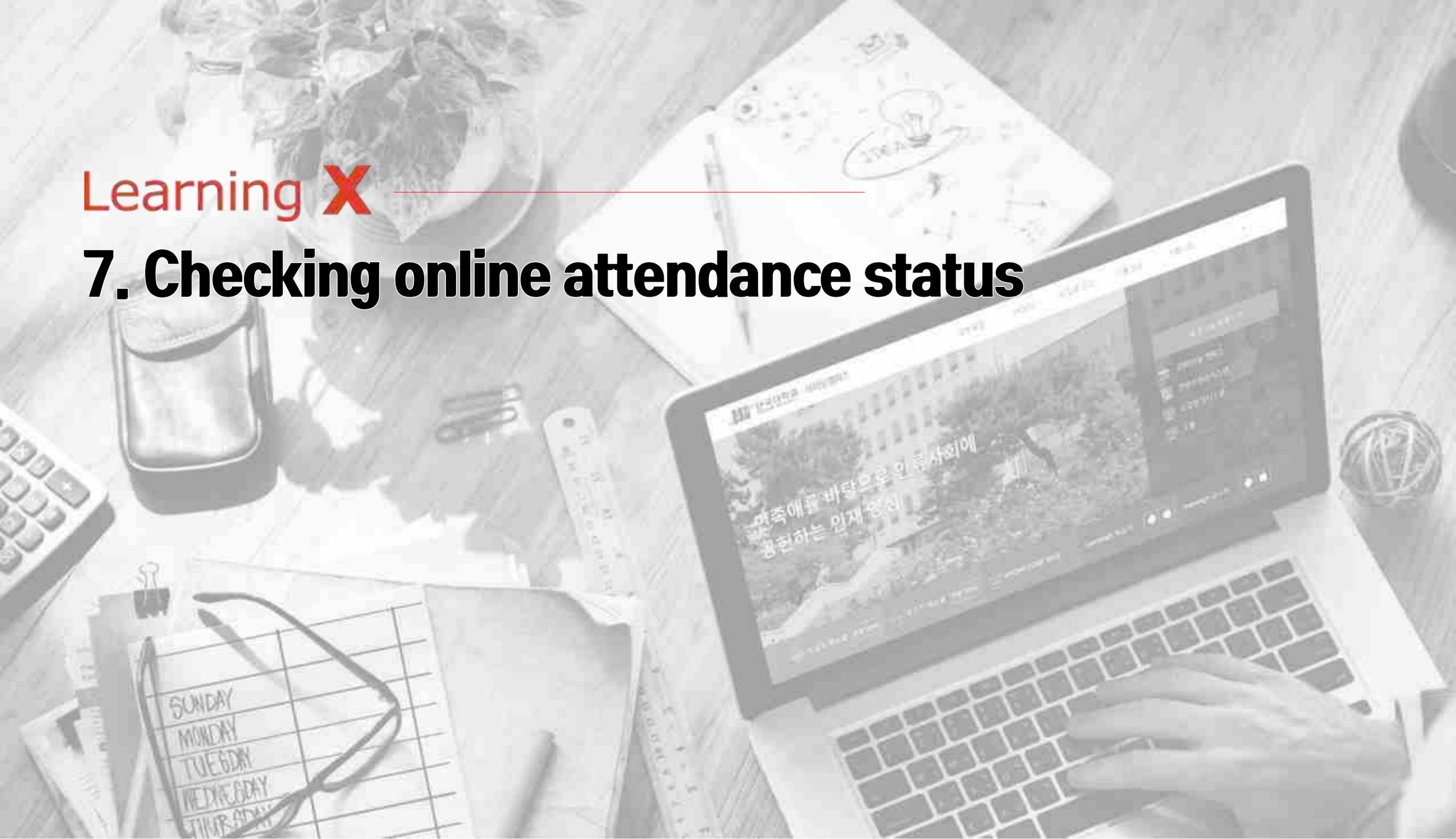
- You can register posts and shared files such as discussions / announcements that are shared only within the group homepage.

### ③ Move to another group

- To go to another group's homepage, expand the "Switch groups" item at the top of the menu and select the group you'd like to move.

Learning **X**

## 7. Checking online attendance status



**Learn Status**

주차별 출석 현황 | 학습모습보기

출결률 주차 수 2

Attendance status : attended : ○ | partial attendance : △ | absent : X

Click [Update attendance records] at the top right to update with new information. If the update date and time are old, past records may be displayed.

이름	학번	출석	지각	결석	미결	주차											
						03 3주차	04 4주차	05 5주차	06 6주차	07 7주차	08 8주차	09 9주차	10 10주차				
강나	(2020****04)	2020	04	15	0	0	○	○	○	○	○	○	○	○	○	○	○
강선	(2014****88)	2014	88	15	0	0	○	○	○	○	○	○	○	○	○	○	○
강류	(2020****27)	2020	27	15	0	0	○	○	○	○	○	○	○	○	○	○	○
강형	(2018****47)	2018	47	15	0	0	○	○	○	○	○	○	○	○	○	○	○
강재	(2019****76)	2019	76	15	0	0	○	○	○	○	○	○	○	○	○	○	○
강주	(2019****23)	2019	23	15	0	0	○	○	○	○	○	○	○	○	○	○	○
고다	(2015****32)	2015	32	12	0	2	X	X	○	○	○	○	○	○	○	○	○
고석	(2016****23)	2016	23	15	0	0	○	○	○	○	○	○	○	○	○	○	○
고준	(2019****62)	2019	62	15	0	0	○	○	○	○	○	○	○	○	○	○	○
곽우	(2019****82)	2019	82	15	0	0	○	○	○	○	○	○	○	○	○	○	○
곽지	(2017****21)	2017	21	15	0	0	○	○	○	○	○	○	○	○	○	○	○
구용	(2020****01)	2020	01	13	0	1	○	○	○	○	○	○	○	○	○	○	○
권다	(2020****22)	2020	22	15	0	0	○	○	○	○	○	○	○	○	○	○	○
권민	(2020****54)	2020	54	15	0	0	○	○	○	○	○	○	○	○	○	○	○
권병	(2015****44)	2015	44	15	0	0	○	○	○	○	○	○	○	○	○	○	○
권근	(2018****39)	2018	39	13	0	0	○	○	○	○	○	○	○	○	○	○	○
국서	(2020****21)	2020	21	15	0	0	○	○	○	○	○	○	○	○	○	○	○

Update attendance records | Export to Excel

Click [Update attendance records] at the top right to update with new information. If the update date and time are old, past records may be displayed.

**3**

**2**

**1**

## ① Online attendance check

- Among the elements designed for parking in the lecture contents menu, the learning status of the 'video' learning element can be viewed by counting attendance by period.
- View attendance status for each student in [Learn Status] menu.

## ② Classification by Attendance Type

- **Attendance:** If you watch more than the recognition rate within the study period, it will be displayed as 'Attendance ○'.
- **Tardy:** If you watch more than the rate of recognition within the late recognition period after the recognition period, it will be displayed as 'Tardy △'.
- **Absence:** If you have not studied more than the accreditation rate by the attendance / tardiness accreditation period, you will be marked as 'Absence X'.

## ③ Detailed status inquiry by item and learning recognition processing

- If you select each item, the detailed study status of the student is displayed and you can check the learning progress history.

Progress rate relative to the average progress rate of all students

1

2

3

Record the reason for manually accepting attendance

Device	IP	Start Date	End Date	이전 학습위치	현재 학습위치	상태
Desktop	201.20.94.1	2020. 5. 23. 오후 10:40:10	2020. 5. 23. 오후 10:45:10	20분 59초 (18%)	20분 59초 (18%)	시청 중
Desktop	201.20.94.1	2020. 5. 23. 오후 10:45:10	2020. 5. 23. 오후 10:59:39	19분 59초 (37%)	19분 59초 (37%)	시청 중
Desktop	201.20.94.1	2020. 5. 23. 오후 10:59:39	2020. 5. 23. 오후 11:00:10	27분 11초 (50%)	27분 11초 (50%)	시청 중
Desktop	201.20.94.1	2020. 5. 23. 오후 11:00:10	2020. 5. 23. 오후 11:05:12	29분 59초 (55%)	29분 59초 (55%)	시청 중
Desktop	201.20.94.1	2020. 5. 23. 오후 11:05:12	2020. 5. 23. 오후 11:10:11	39분 59초 (74%)	39분 59초 (74%)	시청 중
Desktop	201.20.94.1	2020. 5. 23. 오후 11:10:11	2020. 5. 23. 오후 11:15:11	48분 56초 (90%)	48분 56초 (90%)	시청 중
Desktop	201.20.94.1	2020. 5. 23. 오후 11:15:11	2020. 5. 23. 오후 11:20:11	49분 59초 (92%)	49분 59초 (92%)	시청 중
Desktop	201.20.94.1	2020. 5. 23. 오후 11:20:11	2020. 5. 23. 오후 11:25:11	52분 26초 (96%)	52분 26초 (96%)	시청 중
Desktop	201.20.94.1	2020. 5. 23. 오후 11:25:11	2020. 5. 23. 오후 11:30:11	52분 26초 (96%)	52분 26초 (96%)	시청 중
Desktop	201.20.94.1	2020. 5. 23. 오후 11:30:11	2020. 5. 23. 오후 11:35:11	52분 26초 (96%)	52분 26초 (96%)	시청 중
Desktop	201.20.94.1	2020. 5. 23. 오후 11:35:11	2020. 5. 23. 오후 11:40:11	52분 26초 (96%)	52분 26초 (96%)	시청 중
Desktop	201.20.94.1	2020. 5. 23. 오후 11:40:11	2020. 5. 23. 오후 11:43:04	52분 26초 (96%)	52분 26초 (96%)	시청 완료
Desktop	201.20.94.1	2020. 5. 23. 오후 11:43:04	2020. 5. 23. 오후 11:43:40	54분 22초 (100%)	54분 22초 (100%)	시청 페이지 이탈

## ① View detailed history

- Click View to access the detailed history of learning elements for a particular week.

## ② Learning Status Summary

- Learning Time** : The total learning time of the total playback time of the image is displayed.
- Learning Period** : The time and percentage learned during the Attendance Acceptance Period is displayed
- Late Learning Period** : The time and percentage learned during the 'Late Learning Period' is displayed. (There is no record of the period when the Late Learning Period is not set.)
- 학습현황** : If you learn more than 95% of the playback time, mark 'Complete' status.
- Attendance status** : Only 'attendance' will be displayed if 95% of the study has been completed within the attendance period.
- Approve** : Click [Approve Learning] to change the student's record to Attendance.

## ③ Download Logs

- Click [Downlad Logs] to view the Learner's Excelized Learning Details log.

Learning **X**

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## 8. Check student grades and course statistics



**4**

Sampled Internet of Things2 > Grades

Grades Learning Mastery

Filter by student name or secondary ID

학생 이름	번호 ID	학과	3차 과제 성적표표준점수 비율 10	표준 성적표표준이 가법에서 가장 비율 10	과제 1은무궁해물개산하는도 비율 10
서미영	su01		-	-	-
최민영	su02		-	-	-
박성민1	su03		9	B- 8	10
박성민2	su04		7	C- 7	6
박성민3	su05		7	-	15
박성민4	su06		-	A- 10	7
박성민5	su07		9	A- 10	6
박성민6	su08		8	B- 8	10
박성민7	su09		8	A- 10	12
박성민8	su10		9	-	7
박성민9	su11		10	-	15
박성민10	su12		-	-	11
박성민11	su13		8	B- 8	9
박성민12	su14		-	B- 8	-
박성민13	su15		-	-	-
박성민14	su16		10	F- 4	6
박성민15	su17		-	-	-

**2**

Individual View Showing All Sections

Import Export

과제 비율 10	표준 비율 10	수치비율 비율 10%	시험 비율 10	Lecture/Resource 비율 10%	ClassMix 비율 10%	합계
-	-	87%	-	-	-	87%
-	-	-	-	-	-	87%
80%	-	92.86%	-	-	-	85.71%
60%	50%	92.86%	-	-	-	69.29%
91.43%	100%	150%	-	-	-	112.38%
56%	20%	100%	-	-	-	64.67%
65.71%	100%	100%	-	-	-	82.86%
60%	80%	100%	-	-	-	78.33%
82.86%	-	100%	-	-	-	89.71%
74.29%	-	100%	-	-	-	84.29%
91.43%	50%	100%	-	-	-	87.38%
78%	-	100%	-	-	-	86.8%
62.86%	80%	83.33%	-	-	-	72.54%
100%	-	100%	-	-	-	100% A
100%	-	100%	-	-	-	100% A
77.14%	70%	66.67%	-	-	-	72.46%
50%	-	100%	-	-	-	70% C
20%	-	100%	-	-	-	52% F
70%	-	100%	-	-	-	82% B

**3**

- Checking of grades and learning status**
  - By selecting 'Grades' in the course menu, you can check the learning status, evaluation status and the grades of all evaluation subjects.
- Checking and evaluating submission status and score for each item**
  - If there are submissions for each item, an icon will be displayed, and if it is evaluated, the mark will be changed to score or evaluation status.
  - You can also select each item and enter your score directly in the table.
- Assignment group and total grade**
  - Scrolling to the right displays the subtotal and total grade for each rating type group.
- Reopen folded Course menu**
  - When selecting the grades menu, the Course menu is automatically collapsed to show the wide screen.
  - When you want to reopen the Course menu, you can reopen the folded Course menu by clicking the icon on the left side of the Course name.

The screenshot shows the 'Grades' page in a Learning Management System (LMS). A table lists assignments with columns for 'Assignment #', 'Score', and 'Grade'. A context menu is open over the first assignment, with callout '2' pointing to the menu. Callout '1' points to a 'Curve Grades' button in the table. Three pop-up windows are shown below the table:

- Send a message to students:** A window titled 'Message Students for Assignment #01' with a filter dropdown set to 'Haven't submitted yet', a list of student names, and a 'Send Message' button.
- Curve Grades:** A window titled 'Curve Grade for Assignment #01' showing a bar chart of student scores and an 'Average Score' input field set to 8. A red warning message states: 'Grade curving cannot be undone. The curved grade histories will be available, but the curving action is irreversible.' A 'Curve Grades' button is at the bottom.
- Set Default Grade:** A window titled 'Default grade for Assignment #01' with an input field for a grade value and an 'Overwrite already-entered grades' checkbox. A 'Set Default Grade' button is at the bottom.

## ① Assess each assignment

- You can select each assignment item to enter a score in the summary evaluation window, or create feedback.
- You can open SpeedGrader to view details and progress scoring.

## ② Set assignment evaluation and send message to students

- You can open the menu on the right side of the assignment title and select the following items to work on.
- Send a message to a student : You can send a message to a specific group of students, such as students who are not yet submitted.
- Curve Grades : You can adjust the assessment by setting an average score for Curve Grades.
- Default Grade Settings : You can set the Default Scores for all assignments and adjust each scores.

The screenshot shows the course home page. On the left is a navigation menu with options: Home (selected), Syllabus, Announcements, Lecture Resources, Open Board, Q&A Board, Assignments, and Quizzes. The main content area includes 'Recent Announcements' with a 'Course Information' announcement, 'Recent Activity in [Sample] Internet of Things2' showing 1 announcement and 6 assignment notifications, and a 'To Do' list with 'Grade Assignment #01'. On the right, there are utility buttons: 'Choose Home Page', 'Course Setup Checklist', 'New Announcement', 'Student View', and 'View Course Analytics'.

## ① View Course Analytics

- You can view the status of the submissions in the course, the distribution of the grades, and the activity of the students through comprehensive statistics through the [View Course Analytics] on the right side of the course home.

The screenshot displays the 'View Course Analytics' page for '[Sample] Internet of Things2'. It features three main charts:
 

- Activity by Date:** A bar chart showing 'Page Views Only' (light green) and 'Participation' (dark blue) for the date 'Aug 17'. The y-axis is labeled 'Peak Value' and ranges from 0 to 100.
- Submissions:** A bar chart showing submission status for 'Assignments'. The legend includes 'Missing' (red), 'Late' (yellow), and 'On Time' (green). The y-axis ranges from 0 to 100.
- Grades:** A chart showing grade distribution with a legend for 'Total Range', '25th-75th Percentile', and 'Median'. The y-axis ranges from 0 to 100.

 The left sidebar contains navigation options: Account, Dashboard, Courses (selected), Calendar, Inbox, and Help.

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## 9. Manage students / Add TA and students



The screenshot illustrates the process of viewing course students and members. It shows a list of users in a course, with a specific user selected to view their details and performance. The interface includes a sidebar with navigation options, a main content area with a user list, and a detailed view of a selected user's profile and analytics.

Name	Login ID	Student ID	Department	Section	Role	Last Activity	Total Activity
...	...	...	...	...	Teacher	Aug 17 at 12:15am	00:01:01
...	...	...	...	...	Teacher	Aug 17 at 1:08am	00:52:06
이학생	stu01	stu01	[Sample] Internet of Things2	[Sample] Internet of Things2	Student	Aug 16 at 9:00pm	00:00:00
학생12	stu02	stu02	[Sample] Internet of Things2	[Sample] Internet of Things2	Student	...	...
학생13	stu03	stu03	[Sample] Internet of Things2	[Sample] Internet of Things2	Student	...	...
학생14	stu04	stu04	[Sample] Internet of Things2	[Sample] Internet of Things2	Student	...	...
학생15	stu05	stu05	[Sample] Internet of Things2	[Sample] Internet of Things2	Student	...	...

The 'User Details' window for '이학생' (Lee Hae-seung) shows the following information:

- Name and Email:** Full Name: 이학생, Display Name: 이학생, Sortable Name: 이학생, Default Email: stu01@nmail.com, Time Zone: Mountain Time (US & Canada)
- More About This User:** Grades, Send Message, Interactions Report, Access Report, Outcomes Report, Analytics
- Registered Web Services:** 이학생 hasn't linked any external services to their account yet.
- Analytics:** Current Total: 80%, Activity Time: 1 hour, 0 min, 0 sec. The chart shows activity over time.

## ① Search people

- You can search people or filter by role.

## ② View user lists and information

- You can view the user list.
- Name / ID / Student ID / Department information and role, latest activity time, total activity time can be inquired.

## ③ User-specific menu

- You can change the role by selecting the menu on the right side of each user, view user details, and check Analytics information.

## ④ View user performance summary

- You can select a user to view the grade summary.
- You can go to the screen for individual grades and analysis by selecting the grades / analysis menu.

1

2

3

4

5

## ① Add user

- Select the [+People] button to add the user, such as assistant / tutor / students

## ② Select login ID

- Select 'Sign-in ID' from the user add-on.

## ③ Enter the student number to add

- To register multiple users at the same time, enter them consecutively separated by commas.

## ④ Select role to grant

- Student: Select this when registering as an student.
- TA: Select this when registering as a TA.

## ⑤ Verify and add user information

- Select the 'Next' button, finally confirm the user you want to add and complete 'Add Users'.

The following users are ready to be added to the course.

Name	Email Address	Login ID	SIS ID	Institution
학생(S)		stu05		

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## 10. Other features



The image displays two screenshots of the LMS interface. The top screenshot shows the Teacher View for a course titled "[Sample] Internet of Things2". On the right side, a menu contains several options, with "Student View" highlighted by a red dashed box and a callout bubble labeled "1". The bottom screenshot shows the Student View for the same course. The "Lecture Contents" menu item is highlighted in blue. At the bottom of the page, there is a status bar with the text "You are currently logged into Student View" and two buttons: "Reset Student" (callout "2") and "Leave Student View" (callout "3").

### ① View student screen

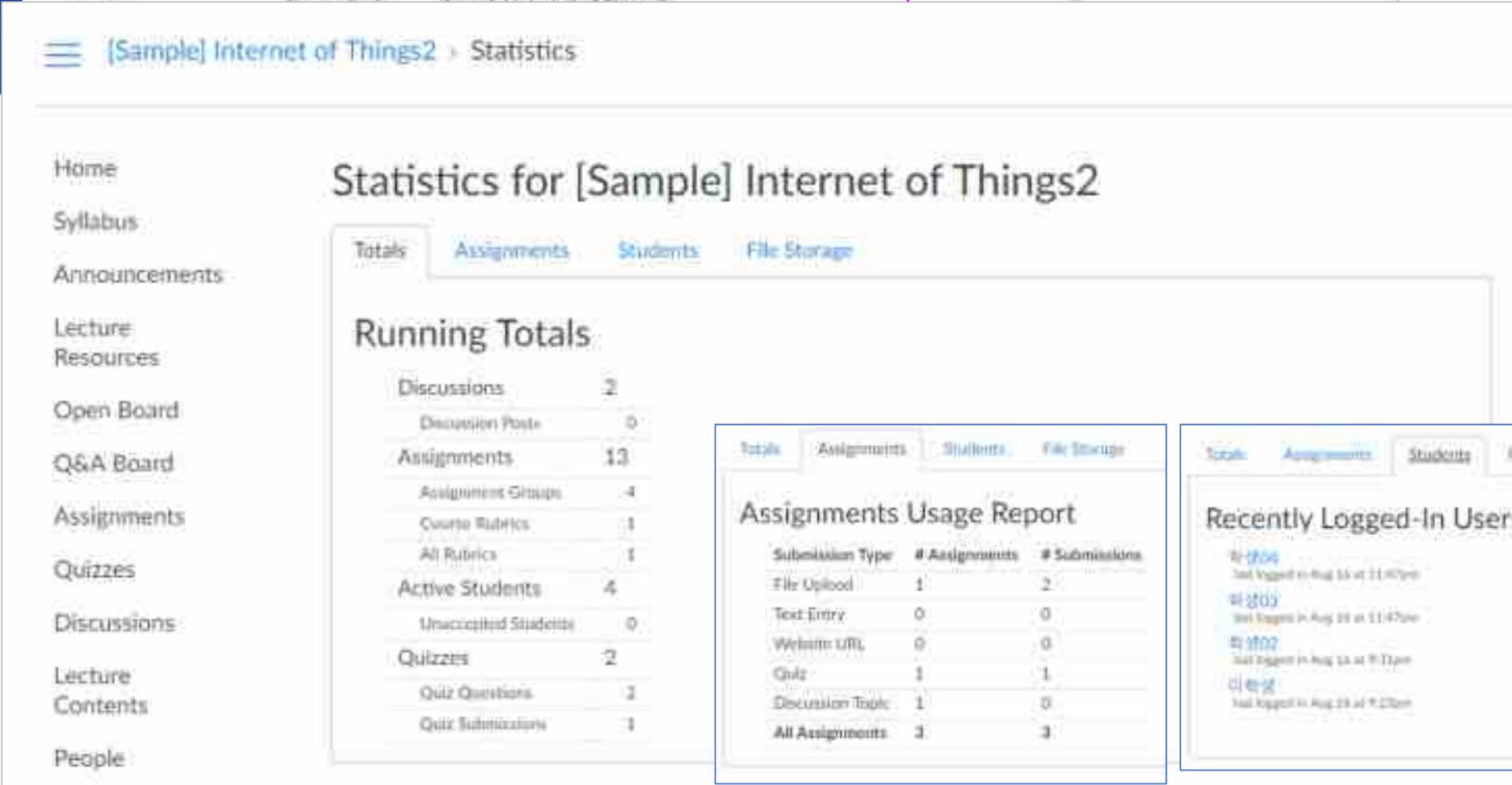
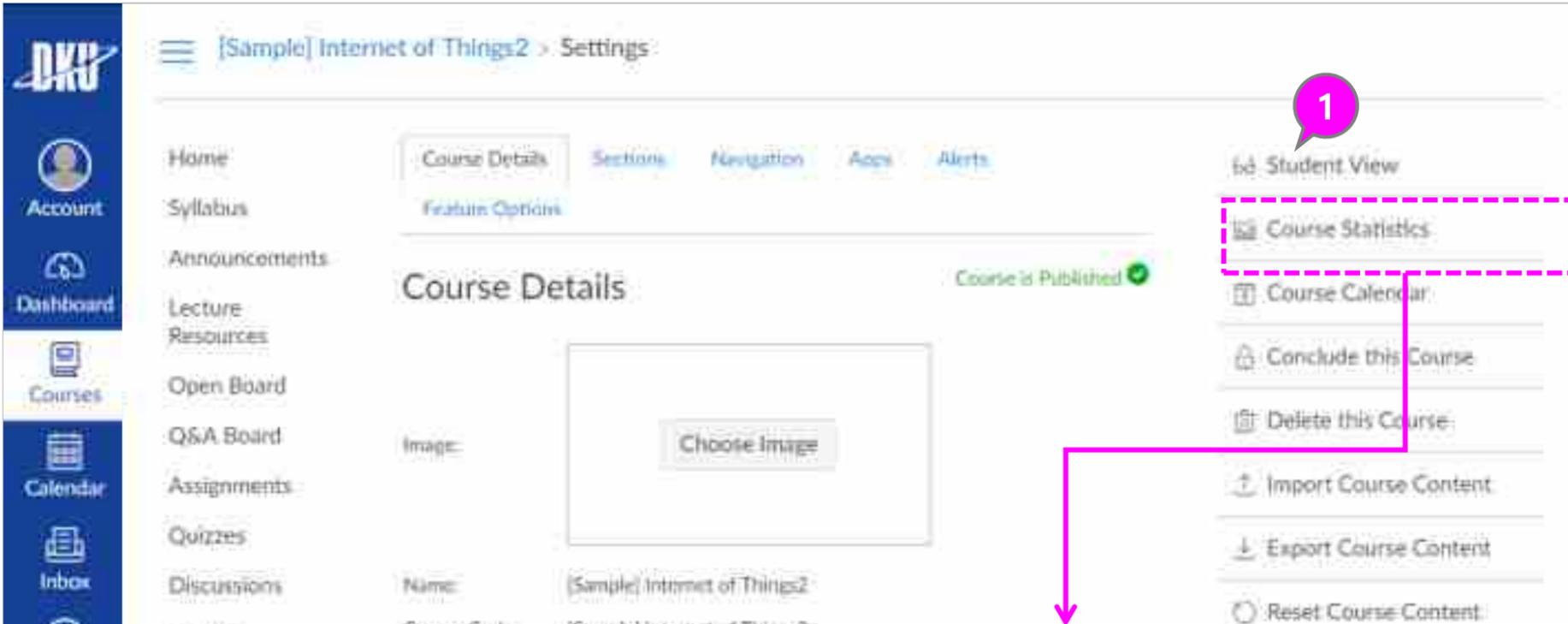
- You can switch to student view by selecting [Student View] menu on the right side of the course.

### ② Reset student data

- You can see that nothing has been learned by initializing it in a non-progressed state.

### ③ Leave Student View

- Exit the student screen view and return to the original Teacher mode.



### ① View course statistics

- You can check the comprehensive usage status by selecting [Course Statistics] menu on the right side of the [Settings] menu..

### ② Statistics by type

- You can see the number of posts by type, such as Discussions / Assignments / Quizzes.

### ③ Assignment Reports

- You can see the number of assignments and the number of submissions by assignment type.

### ④ Last logged in user

- You can check the history of the last logged in user.

### ⑤ File storage usage

- You can check the file storage quota and usage.