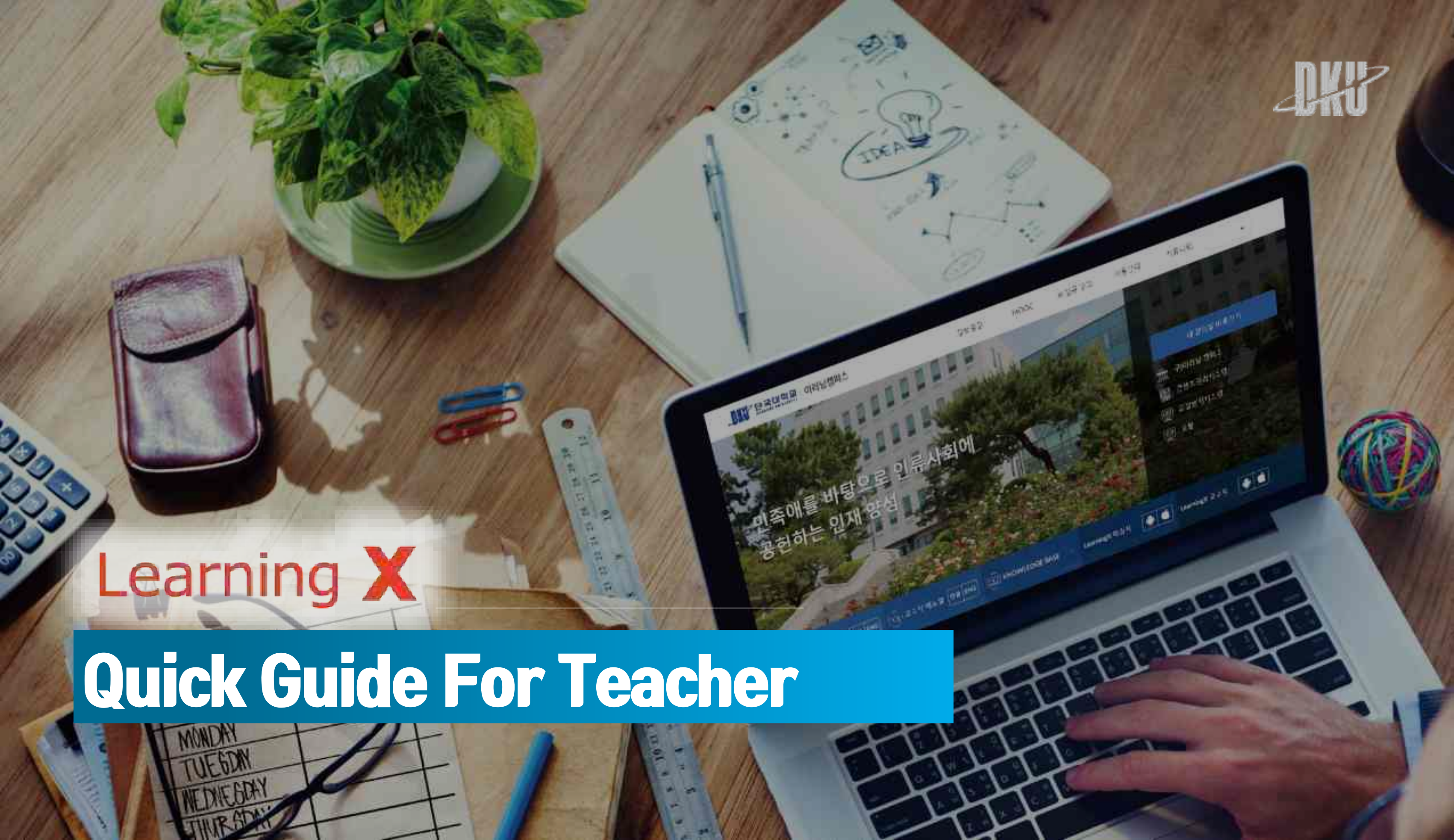


Learning X

# Quick Guide For Teacher





Learning **X**

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# 1. Login & Getting Started / Main Menu Guide



## Dashboard

**1** Dashboard

**2** Recent Activity

**3** View Grades

**4** Global navigation menu

**View Recent Activity**

**Recent Activity**

- 1 Announcement
- [Sample] Things2 Course Information
- 4 Assignment Notifications
- 3 Discussions

**Global navigation menu:**

- Account
- Dashboard
- Courses
- Calendar
- Inbox
- Help

- 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

DKU

Account

Dashboard

Courses

Calendar

Inbox

Help

김교수 > Notification Preferences

Notifications

Files

Settings

✓ 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

Discussions

Discussion

Discussion Post

Conversations

Added To Conversation

2

Email address

prof21@gmail.com

✓🕒📅✕

✓🕒📅✕

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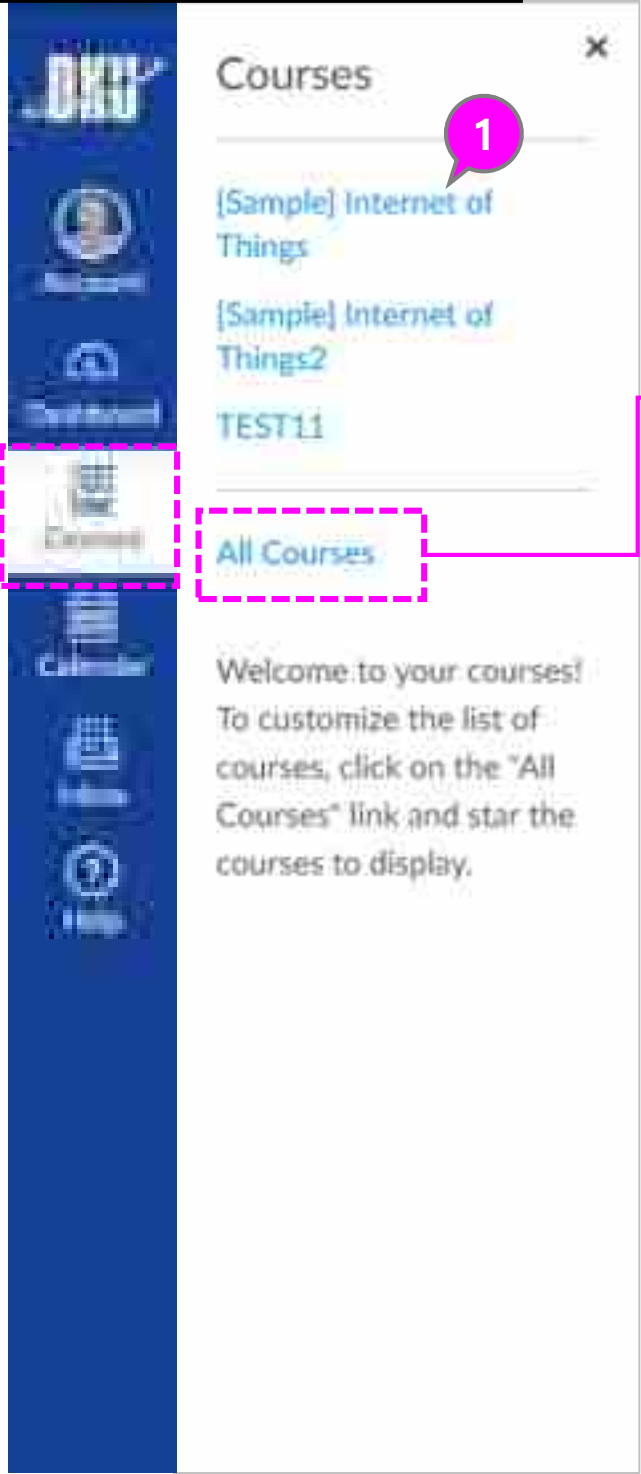
- ① **Account menu sub items**  
: In the Account menu, you can view / set the following items.
- **Notifications:** Set up email / mobile push notifications for various activities.
  - **File:** You can check the whole file collection that you uploaded from the site. (Commons registration files and 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.



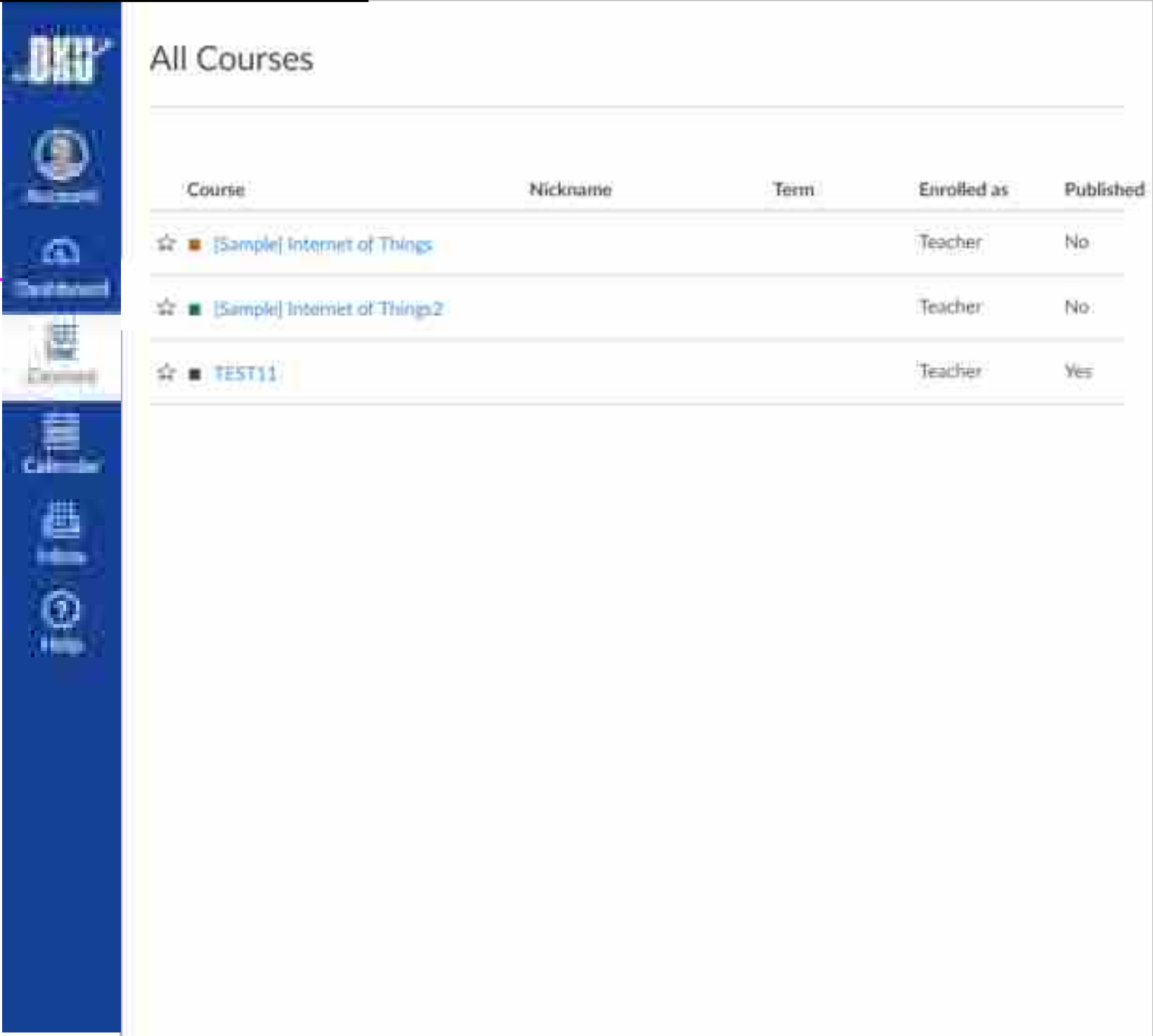
The screenshot displays the KNUX calendar application. On the left is a blue sidebar with navigation icons: Account, Dashboard, Courses, Calendar (highlighted with a dashed pink box), Inbox, and Help. The main area shows a monthly calendar for August 2018. Callout 1 points to an event on Tuesday, August 14th. Callout 2 points to the 'CALENDARS' list on the right, which includes '김교수', '[Sample] Internet of Things', '[Sample] Internet of Things2', and 'TEST11'. Callout 3 points to the view toggle buttons at the top: Week, Month (selected), Agenda, and Scheduler. Callout 4 points to the 'Edit Event' modal window, which is open for an 'Assignment' event. The modal contains fields for Title, Date (2018-08-16), Time (12:00am to 12:00am), Location, and Calendar (김교수). It also has a 'Publish' toggle and 'More Options' and 'Submit' buttons.

- 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

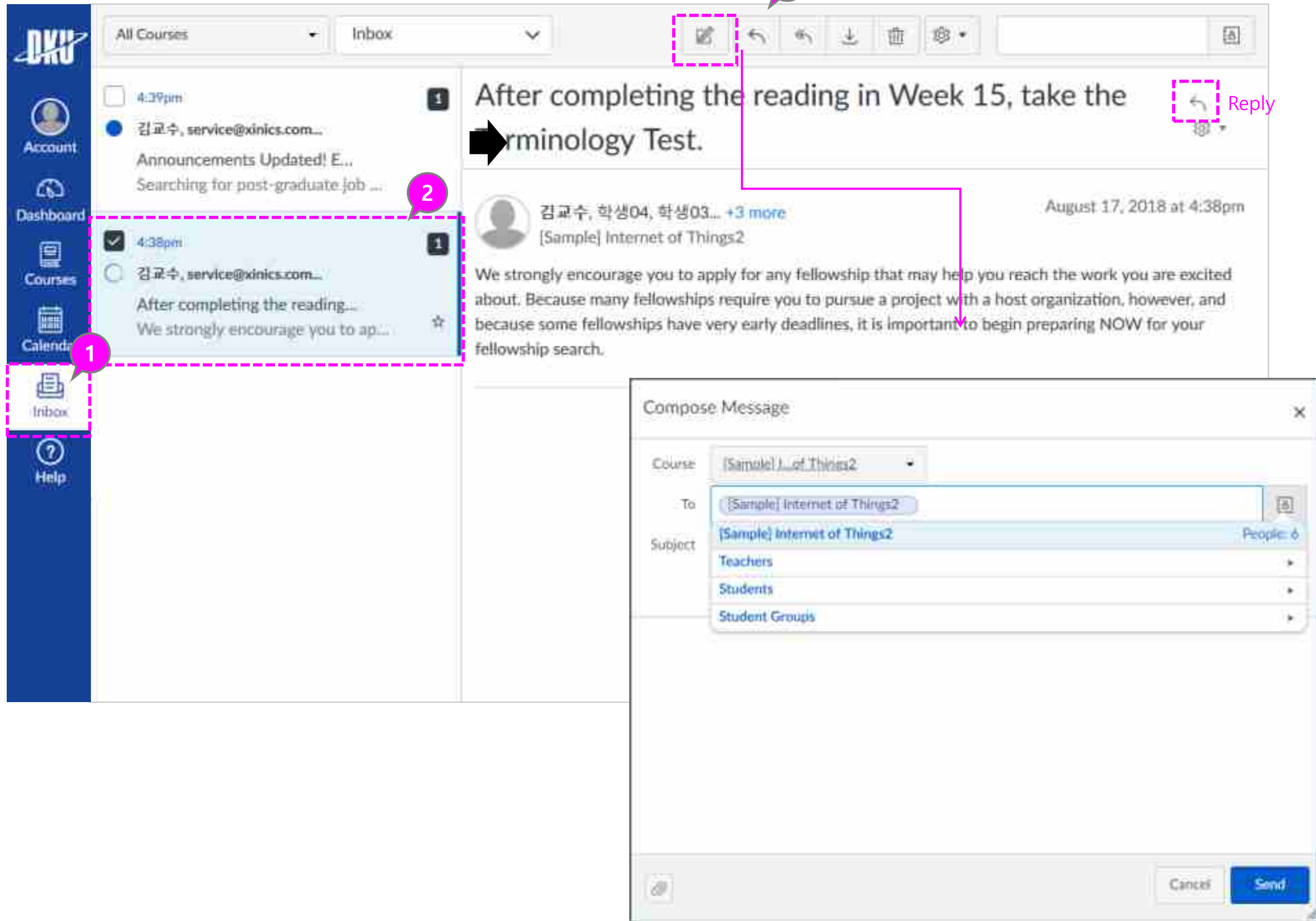


① Course bookmark

- 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.



### 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

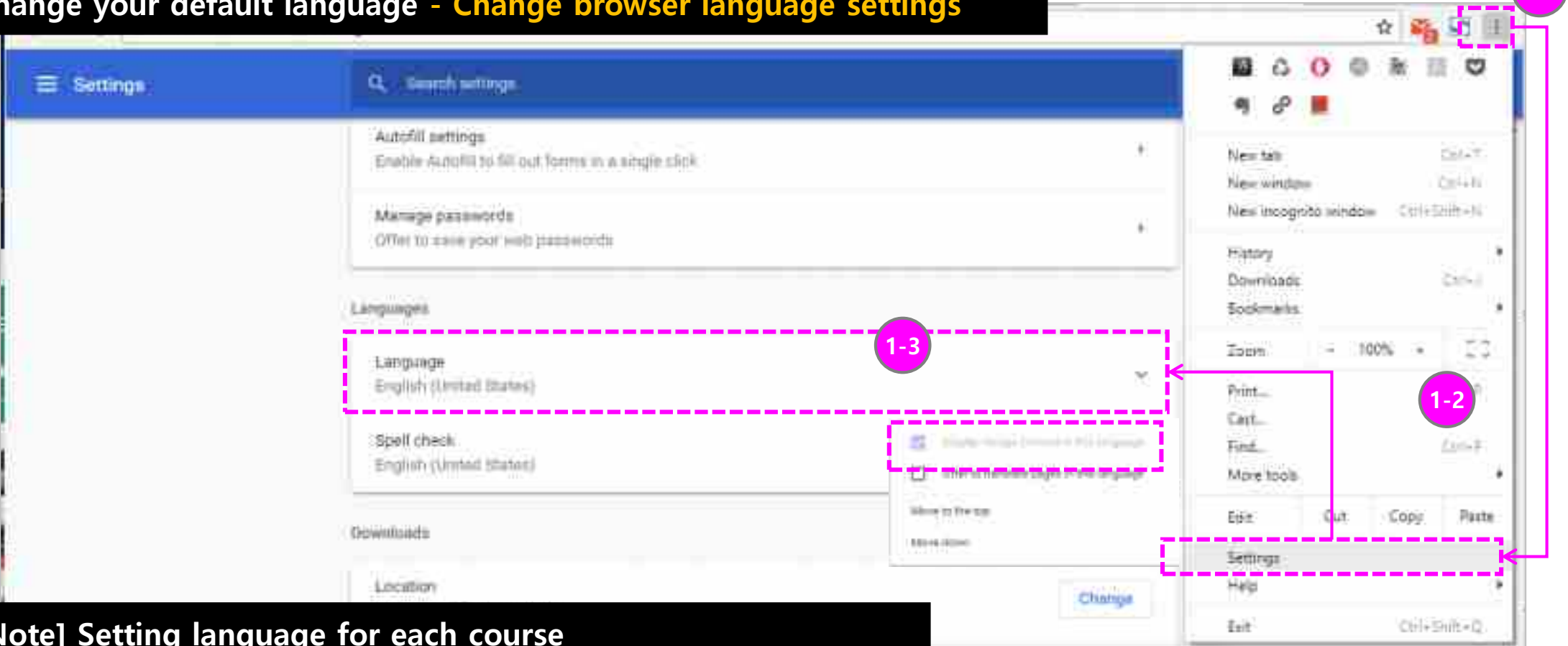
- By selecting a message list, you can view the contents displayed on the right side and reply as needed.

### ③ Create a new message

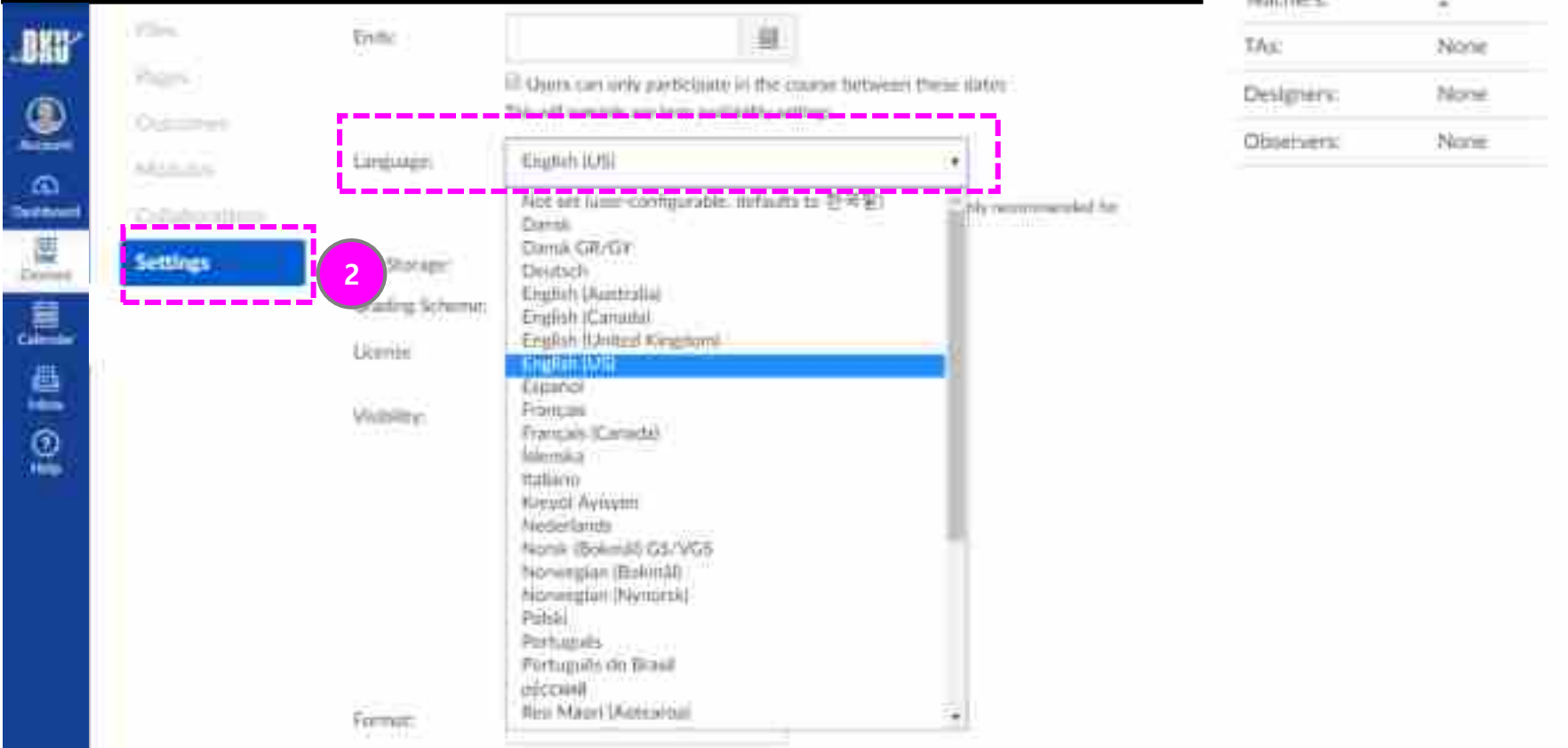
### ④ Select recipients and write content

- 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**



[Note] Setting language for each course



- 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.

- 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



Account

Dashboard

Courses

Calendar

Inbox

Help

Home

Announcements

Syllabus

Open Board

Q&A Board

Lecture Contents

Lecture Resources

Assignments

Quizzes

Discussions

Grades

Learn Status

People

Files

Pages

Modules

Outcomes

Collaboration

Settings

[Sample] Internet of Things2

Recent Announcements

Course Information

Internet of Things (IoT) is an emerging are...

Posted on:

Recent Activity in [Sample] Internet of Things2

1 Announcement

Course Information

6 Assignment Notifications

Assignment Created - Quiz #01 - Introduction to IoT, [Sample] Internet of Things2

Assignment Created - Lesson 04 - How does a Blockchain work, [Sample] Internet of Things2

Assignment Created - Lesson 03 - Hashes 4 Hash Functions for Strings, [Sample] Internet of Things2

Assignment Created - Assignment #01, [Sample] Internet of Things2

Assignment Created - Lesson 02 - How to Develop a Good Hash Function, [Sample] Internet of Things2

Choose Home Page

Course Setup Checklist

New Announcement

Student View

View Course Analytics

To Do

Grade Assignment #01

Coming Up

View Calendar

Choose Course Home Page

Select what you'd like to display on the course home page.

Course Activity Stream

Pages Front Page\*

Course Modules

Assignments List

Syllabus

\* Front page must be set first

Cancel

Save

- 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.



KINGS

- You can set the order and use of course menu in the [Setup> Navigation] menu in the course menu.

- Selecting the right icon of a specific menu and selecting 'Disable' or dragging it to the bottom area will not be visible to students.

- You can adjust the placement order by clicking on the menu and dragging up / down.

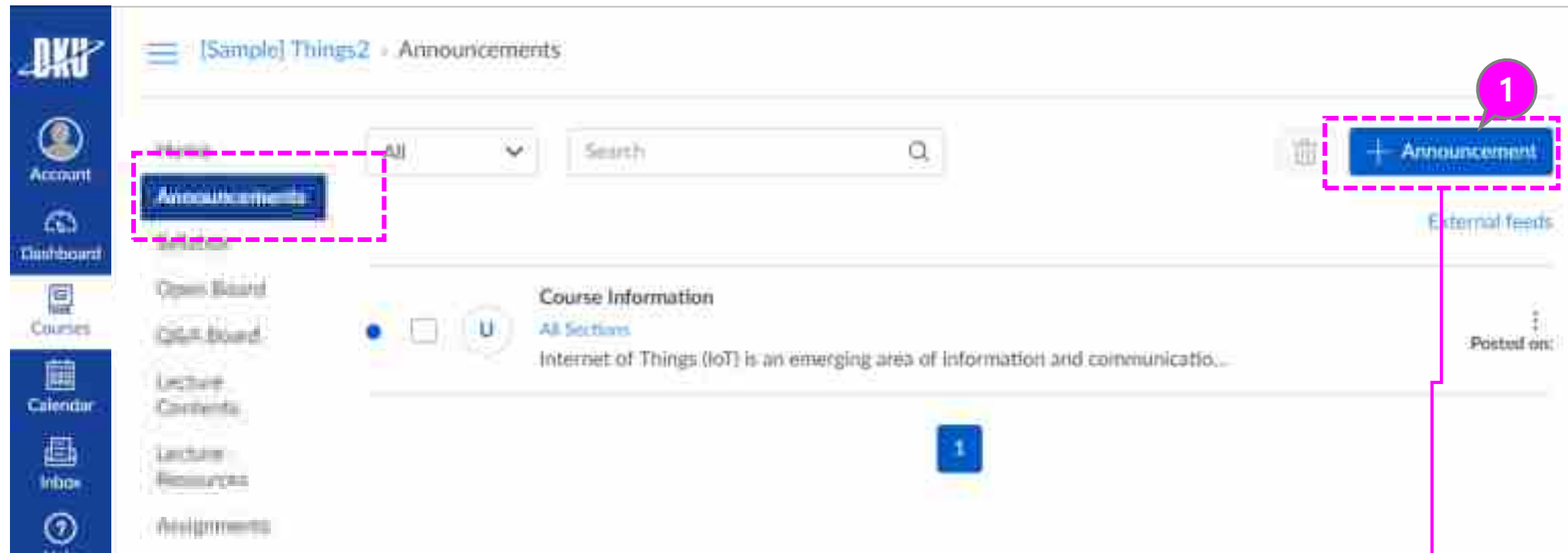
Learning **X**

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





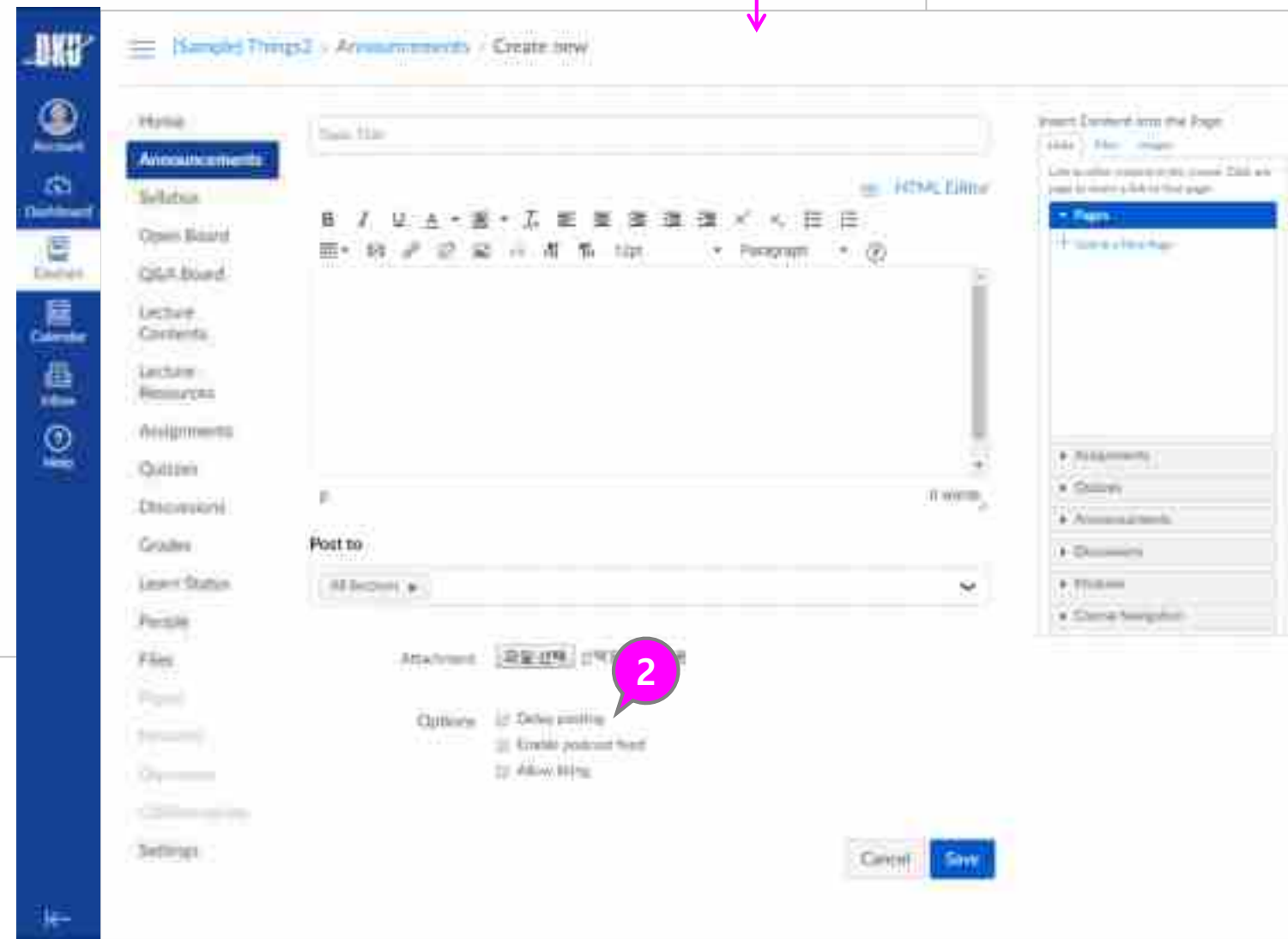


### ① Add Announcement

- 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.



OKU

[Sample] 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

Collaborations

Settings

Import Commons Contents

Video PDF File Social Media Web Link

Total 5

Enter search keyword...

Search

All

Statistics

Statistics

ort order

Software modeling PDF

The surprising habits of original thinkers Social Media

Software Architecture Document PDF

DESIGNING Software SYSTEM PDF

Programming Motivation Social Media

Previous Next

Content Statistics

Software modeling

50%

2 Complete

2 Incomplete

Download Error

Lecture Complete (2) Unfold

Name	ID	Learning complete date
박정호	su01	August 17, 12:20 PM
박정호	su02	August 17, 12:11 PM

Lecture Incomplete (2) Unfold

Name	ID
박정호	su03
박정호	su04

- 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 interface is divided into two main sections: a sidebar on the left and a main content area on the right.

**Sidebar (Left):** Contains navigation links: Home, Announcements, Syllabus, **Open Board** (highlighted with a red dashed box), Q&A Board, Lecture Contents, Lecture Resources, Assignments, Quizzes, Discussions, Grades, Learn Status, and People.

**Main Content Area (Top):** Features a search bar with the placeholder "Title or Author" and a "Search" button. A "+ Write" button is located in the top right corner, highlighted with a red dashed box and a red circle with the number 1.

**Main Content Area (Bottom):** Displays a list of posts. The first post is titled "Software engineering can be divided into sub-disciplines" and is dated August 17. The second post is titled "Basic definitions of software engineering" and is dated August 17. The third post is titled "This board is a place to upload materials and opinions about various learning activities" and is dated August 17.

**Post Detail View (Bottom):** A detailed view of a post titled "This board is a place to upload materials and opinions about various learning activities." The author is "김코수" and the date is "August 17, 12:19 PM". The count is 1. The post content is "This board is a place to upload materials and opinions about various learning activities." Below the post content is a "Comments" section. A comment by "학생04" dated "August 17, 4:55 PM" says "Thank you. It seems to be very useful. I want to share various learning materials." Below the comment is a text input field and a "Registration" button. A red circle with the number 2 is placed over the comment text. A "Next >" button is located in the bottom right corner, highlighted with a red circle with the number 3.

## 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.

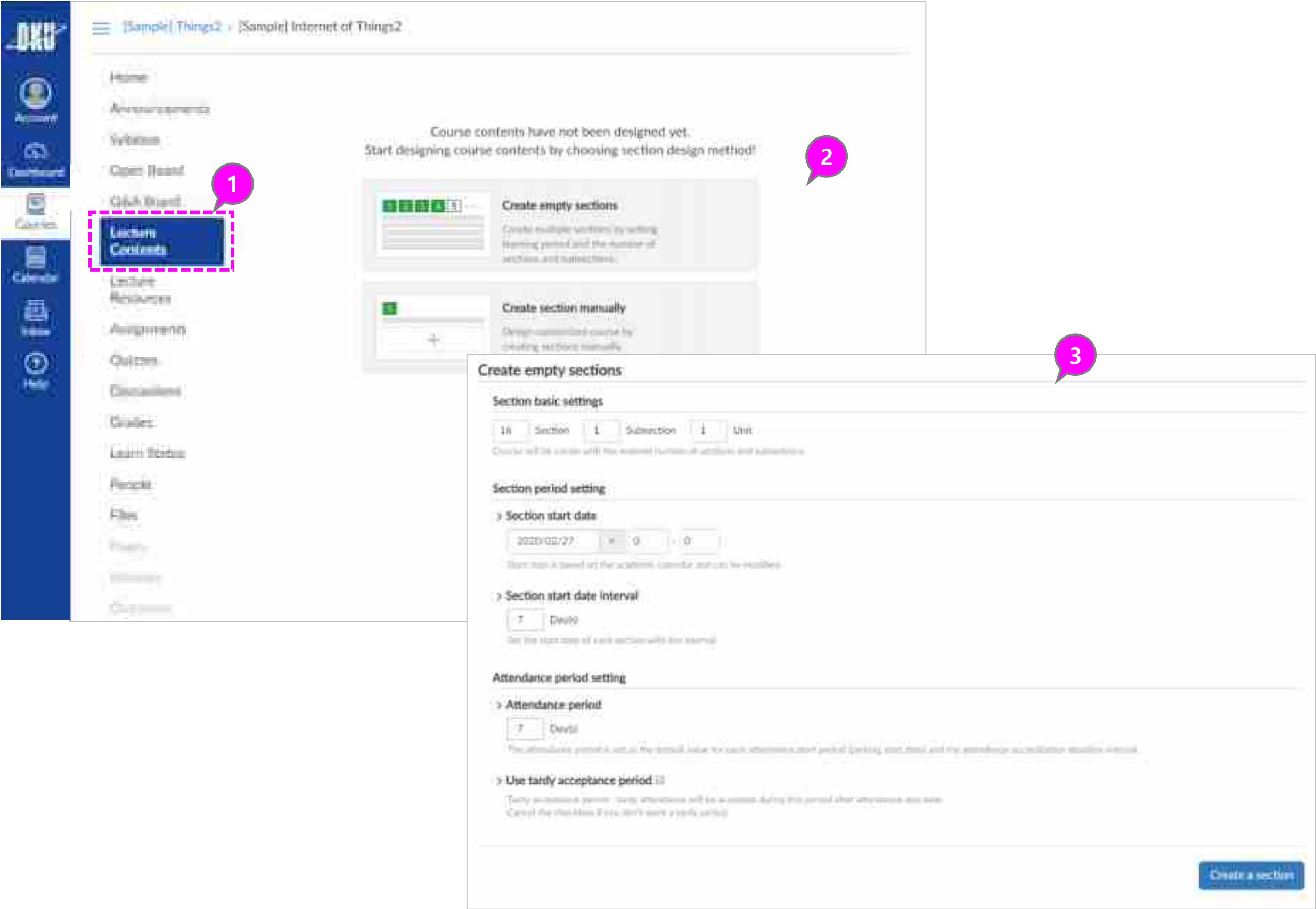
Learning **X**

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## 3. Designing weekly learning courses







- 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.

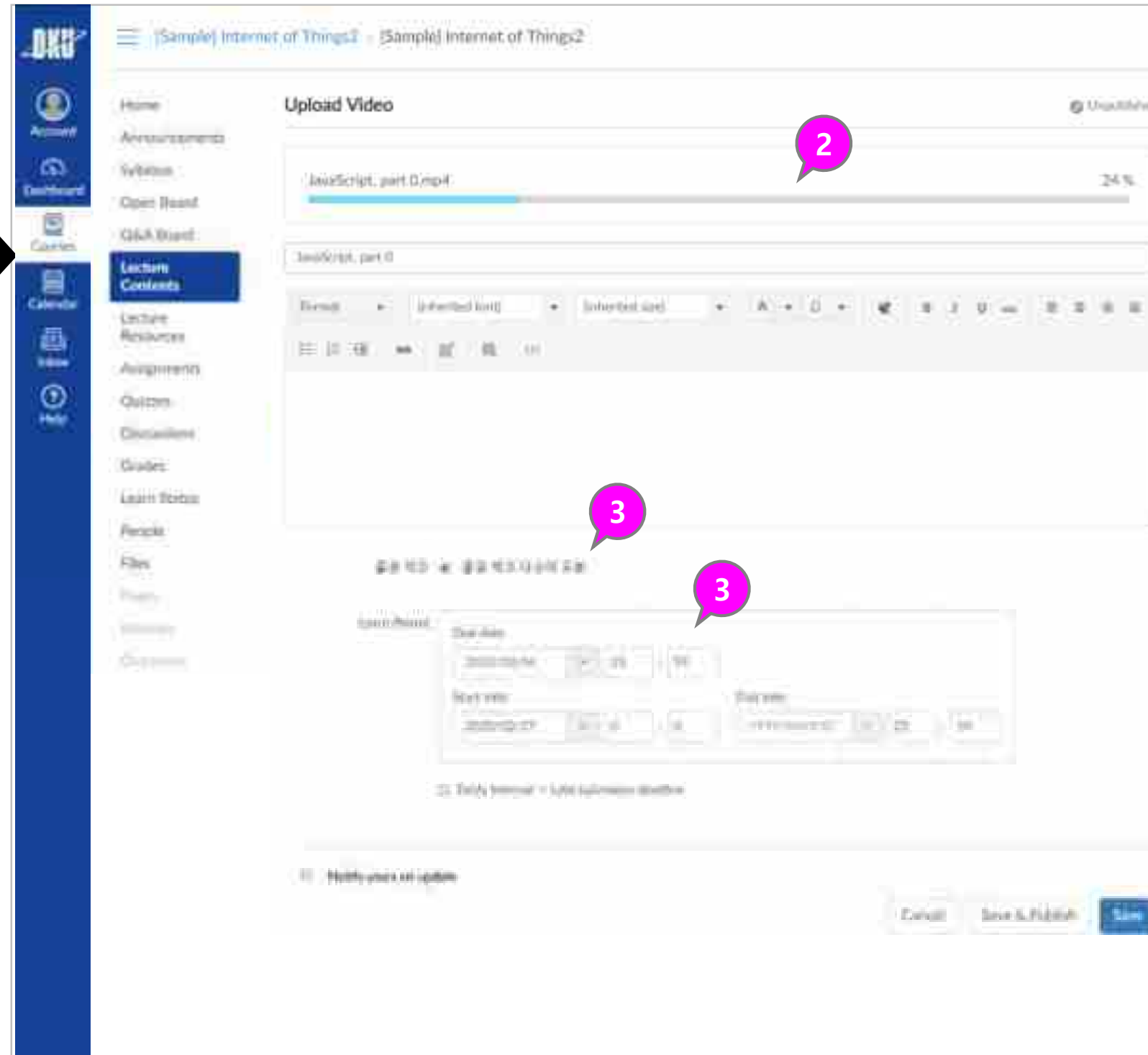
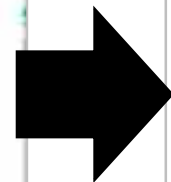
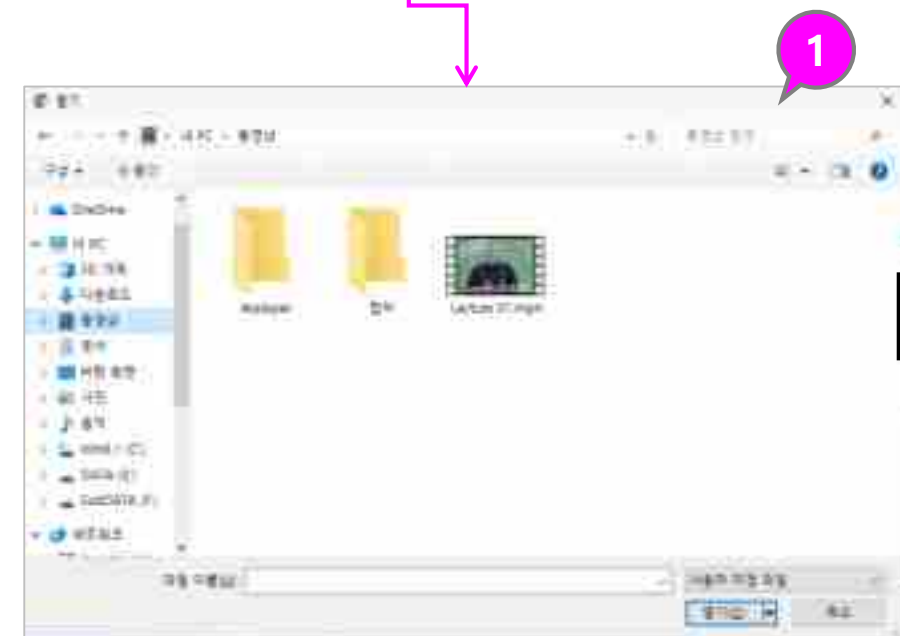
### ③ Add / edit / delete pages

- 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

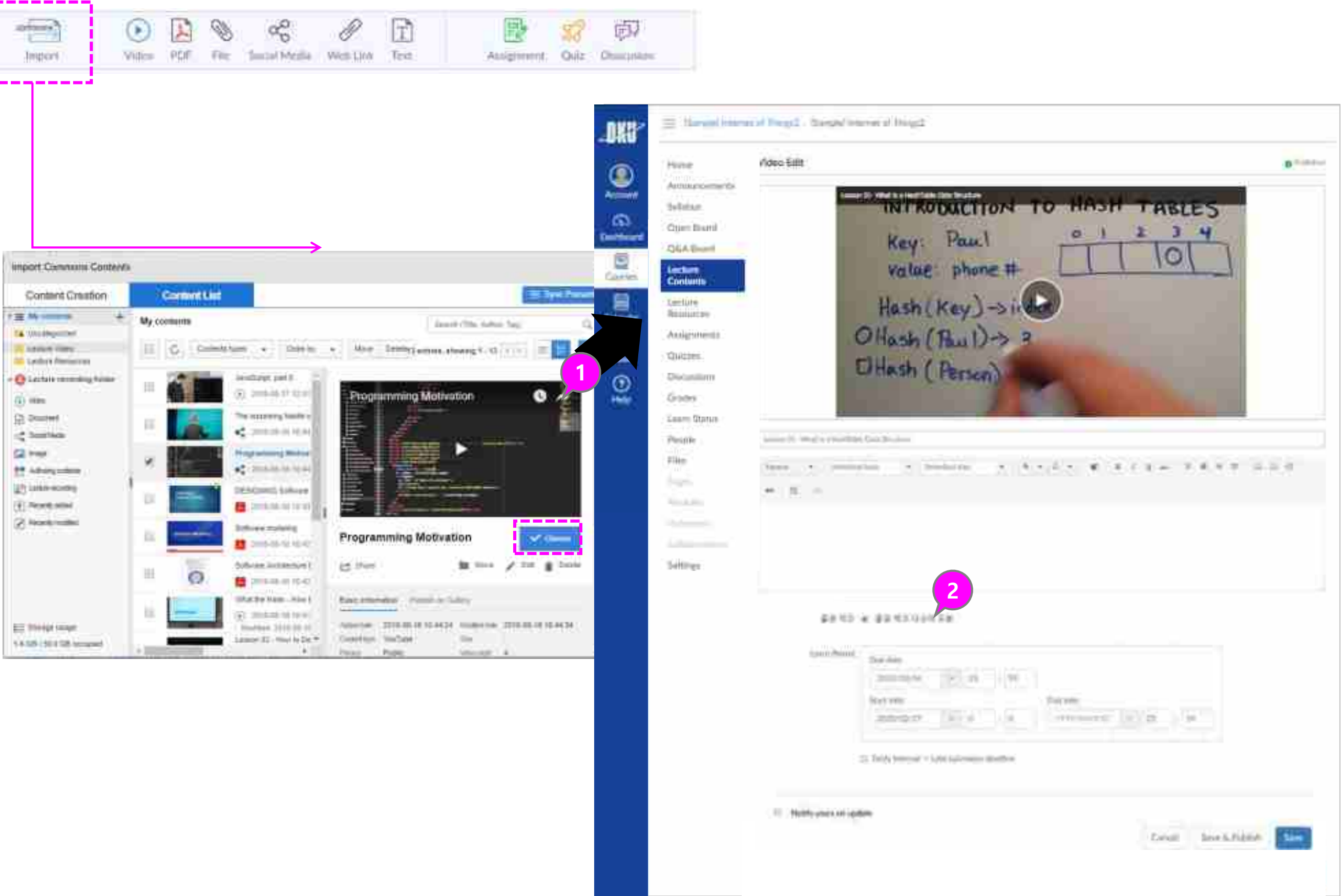
- Select the "Video" icon, then select the file you want to upload.

## 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.



## 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.

Import Video PDF File Social Media Web Link Text Assignment Quiz Discussion

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

Home Account Dashboard Courses Calendar Inbox Help

Lecture Contents Lecture Resources Assignments Quizzes Discussions Grades Learn Status People Files Pages Modules Outcomes Collaborative Settings

### Edit assignment

Assignment #01

Format: Inherited 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: Choose File No file chosen

Score: 11

Grade display option: Points

☐ Not include assignment to final grade

Submission Type: Online

Learn Period: Due date: 2019-09-23 15:59 Start date: 2019-09-01 00:00 End date: 2019-10-23 15:59

☒ Notify users on update

Cancel Save

The screenshot shows the DXU course design interface. On the left is a navigation menu with options like Home, Announcements, Syllabus, Open Board, Q&A Board, Lecture Contents (selected), Lecture Resources, Assignments, Quizzes, Discussions, Grades, Learn Status, People, Files, Pages, Modules, Outcomes, Collaboration, and Settings. The main area displays a course titled '[Sample] Internet of Things2'. At the top, there's a row of 16 numbered boxes (01-16) with green checkmarks, labeled with a pink circle '1'. Below this is a section titled '강의 소개 및 진행 학습' (Lecture Introduction and Learning Progress) with a 'Publish' button, labeled with a pink circle '4'. A pink circle '2' points to a 'Bulk setting of study period per section' button. A pink circle '3' points to a '1차시' (1st Lecture) section, which has a pink arrow pointing to its '1페이지' (1st Page) sub-section. A pink circle '5' points to a context menu with 'Edit' and 'Delete' options for a resource item. The resource list includes 'ReadyStream 특징 요약' (MEDIA), '[PDF파일] 학습 참고자료 PDF', '[Youtube 참고영상] How Software is Made' (SOCIAL MEDIA), '[웹링크] Software engineer - Wikipedia' (WEB LINK), and '과제 제출 파일 유형 제한 테스트' (ASSIGNMENT). Each item has a 'Published' status indicator.

## 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 D2L LMS interface for setting a quiz policy. The left sidebar contains navigation links: 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 main content area is titled 'Quiz #01 - Introduction to IoT'. It has two tabs: 'Details' (highlighted with a pink dashed box and callout 1) and 'Questions'. The 'Details' tab shows the 'Quiz Instructions' section with a rich text editor. To the right, the 'Options' section is expanded, showing settings for 'Quiz Type' (Graded Quiz, callout 2), 'Assignment Group' (주제별), 'Options' (Shuffle Answers, Time Limit, Allow Multiple Attempts, Let Students See Their Quiz Responses, Only Once After Each Attempt, Let Students See The Correct Answers, Show Correct Answers at, Hide Correct Answers at, Show one question at a time), 'Quiz Restrictions' (Require an access code, Filter IP Addresses), and 'Assign to' (Everyone, callout 4). The 'Due' date is set for 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

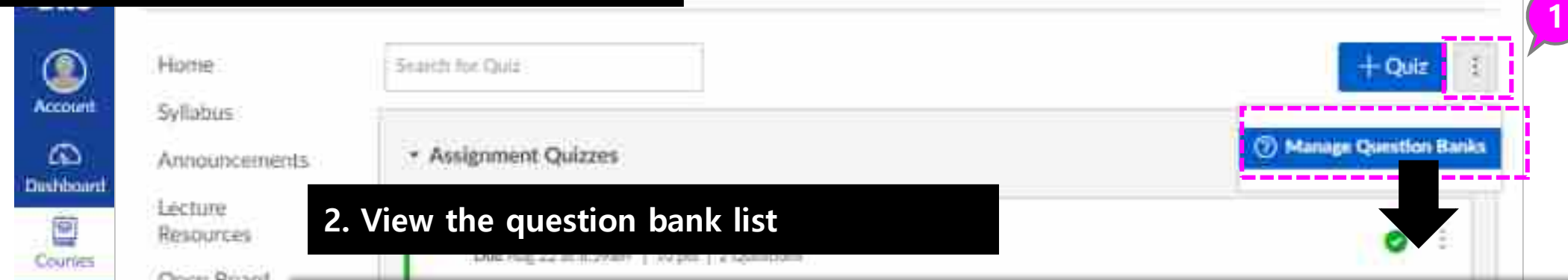
- Set Due:** Set the date and time when the pool / stake ends.
- Setting the start date / end date:** Set the date on which the pool / star will start and the period to allow.



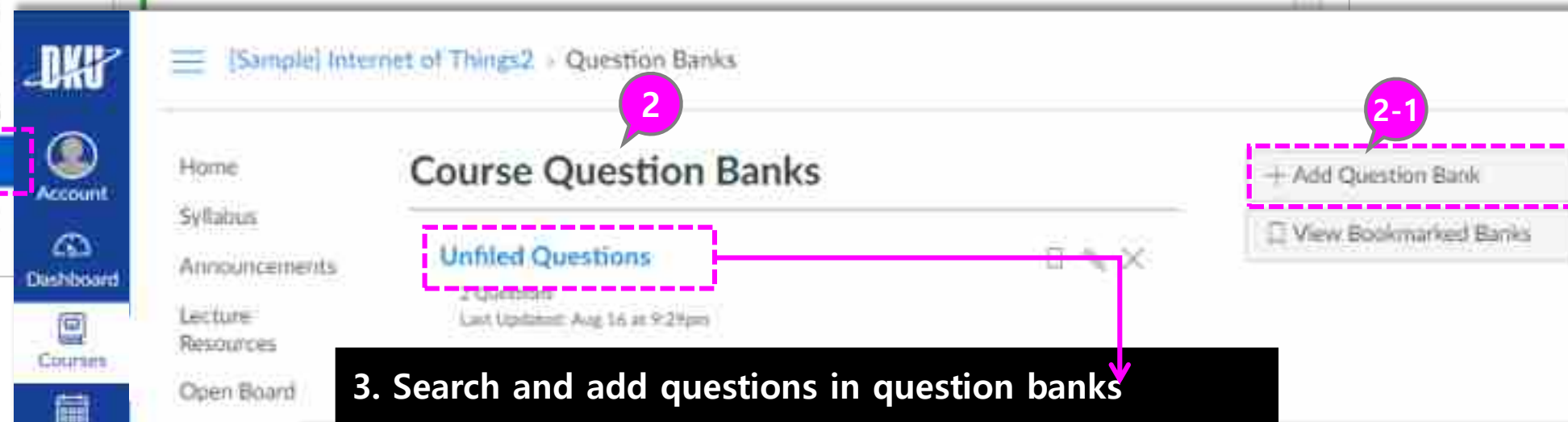
The screenshot illustrates the process of writing a quiz question in the D2L LMS. The interface is divided into a sidebar and a main content area. The sidebar contains navigation links for various LMS features. The main content area shows the 'Questions' tab for an 'Unnamed Quiz'. A callout box provides a detailed view of the question creation form, which includes fields for 'Question', 'Multiple Choice', 'pts', and 'Answer'. The form also has a rich text editor for the question content and a list of possible answers. The 'Update Question' button is highlighted.

- 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"

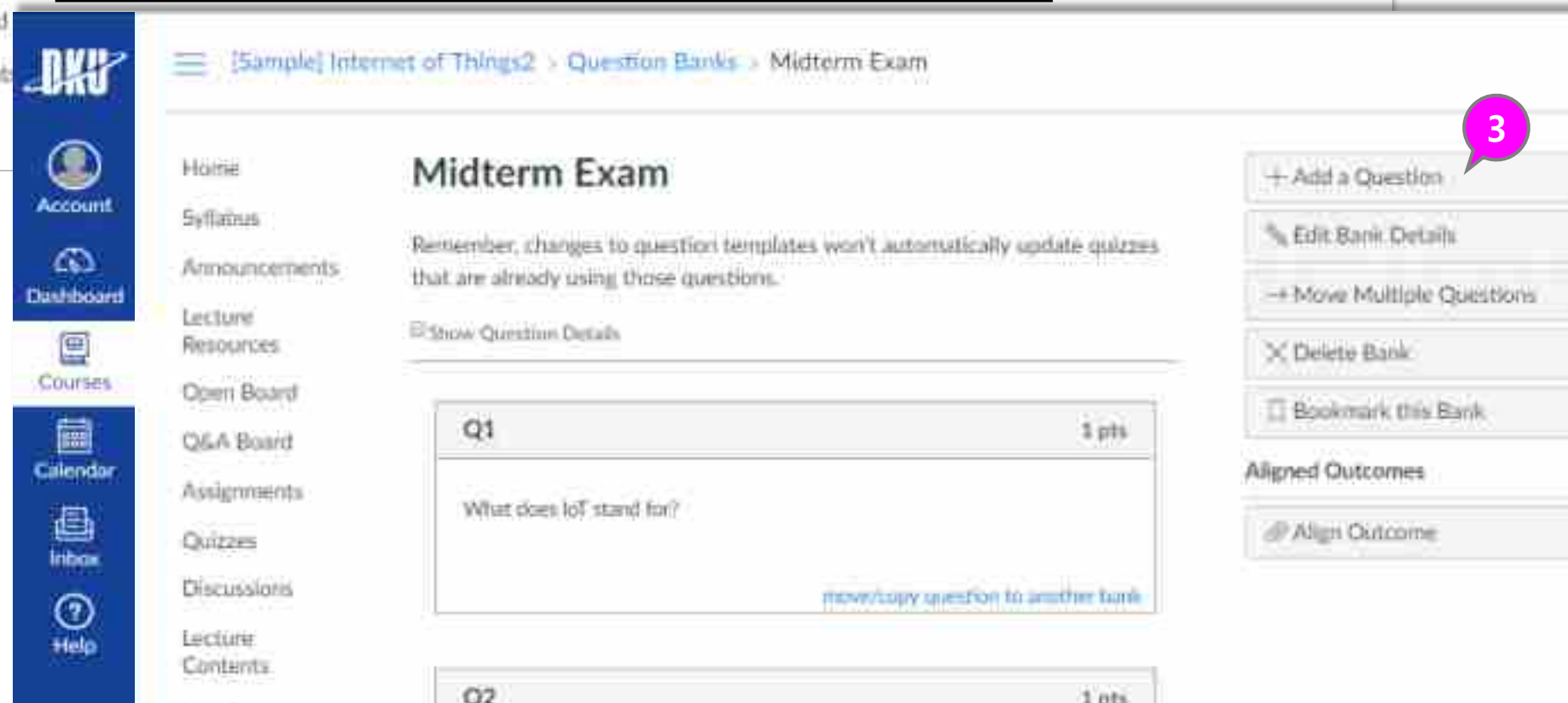
## 1. Open question bank management



## 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.

### 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 a D2L LMS. The left sidebar contains navigation links: 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 main content area is titled '[Sample] Internet of Things2 > Discussions > Create new'. It includes a 'Topic Title' field (callout 1), a rich text editor (callout 3), an 'Attachment' section with a 'Choose File' button (callout 2), and a 'Group Discussion' section with a checkbox 'This is a Group Discussion' (callout 6). Below the main form are three settings panels: 'Options' (callout 4) with checkboxes for 'Allow threaded replies', 'Users must post before seeing replies', 'Enable podcast feed', 'Graded', and 'Allow liking'; 'Group Discussion' (callout 5) with a 'Group Set' dropdown and a 'New Group Category' button; and 'Assign' (callout 6) with 'Assign to' (Everyone, OC), 'Due' date, and 'Available from'/'Until' date pickers.

## 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**



DKU

Account

Dashboard

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Modules

Outcomes

[Sample] Internet of Things2

Assignments

Assignment #01

Assignment #01

Published

Edit

Related Items

SpeedGrader™

Download Submissions

Assignment #01

Due: Aug 22 at 8:55am - [Sample] Internet of Things2

1/5

8 / 10 (80%)

1/5

이판생

HW#1

(1) if  $E_1 \subseteq E_2$ , then  $P(E_1) \leq P(E_2)$

$P(X) \geq 0, P(E_2 - E_1) \geq 0, P(E_2) = P(E_1) + P(E_2 - E_1)$

$P(E_1) \leq P(E_2)$

(2)  $P(E_1 \cup E_2) = P(E_1) + P(E_2) - P(E_1 \cap E_2)$

$P(E_1) = P(E_1 \cap E_2^c) + P(E_1 \cap E_2)$

$P(E_2) = P(E_1^c \cap E_2) + P(E_1 \cap E_2)$

$P(E_1 \cup E_2) = P(E_1 \cap E_2^c) + P(E_1^c \cap E_2) + P(E_1 \cap E_2)$

$P(E_1 \cup E_2) = P(E_1 \cap E_2^c) + P(E_1^c \cap E_2) + 2P(E_1 \cap E_2)$

$P(E_1 \cup F|A) = P(E|A) + P(F|A)$

$E \cap F = \phi$

$P(F|A) = P(E|A) + P(F|A) - P(E \cap F|A) \rightarrow 2P(F|A)$

$(E \cap F|A) = 0$

(4)  $P(\bigcup_{i=1}^n E_i | A) = \sum_{i=1}^n P(E_i | A) - \sum_{i=1}^{n-1} P(\bigcup_{j=i+1}^n E_j | A)$

(if  $E_i$  are disjoint)

$E_i \cap E_j = \phi$

$P(E_i \cap E_j | A) = 0$

Submitted: Aug 16 at 9:31pm

Submitted Files: (click to load)

Assignment\_01.pdf

Assessment

Grade out of 10

B

Assignment Comments

Add a Comment

Submit

Keyboard Shortcuts

→ : Next Student

← : Previous Student

cc : Leave Comment

q : Change Grade

r : Use Rubric

- ① Open SpeedGrader for grading assignments
- Select the [SpeedGrader] menu on the right side of the assignment.
- ② 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.
- ③ 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.
- ④ Enter your score
- Enter your score. If you have rubric settings, you can open and view the rubric view.
- ⑤ View & Add comment
- Students can view the comments they made at the time of submission and leave feedback on the evaluation.
- ⑥ Check options
- You can choose to view or view your grades, scoring visibility, keyboard shortcuts, and setting options.
- ⑦ Keyboard Shortcuts
- You can use keyboard shortcuts to make continuous scoring more convenient.
- ⑧ 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 OKU (Online Knowledge User) interface for managing quizzes. On the left, a sidebar contains navigation links: Home, Account, Dashboard, Clusters, Calendar, Inbox, and Help. The main content area is titled 'Quiz #01 - Introduction to IoT' and shows quiz details such as 'Quiz Type: Guided Quiz', 'Points: 10', 'Assignment Group: 5-10 IoT', '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. On the right, a 'Quiz Summary' section shows statistics: Average Score (100%), High Score (100%), Low Score (100%), Standard Deviation (0.00), and Average Time (00:05). Below this, a 'Question Breakdown' section shows a question 'What does IoT stand for?' with a score of -0.00 and a '100% answered correctly' badge. A red arrow points from the 'Quiz Statistics' button in the sidebar to the 'Quiz Summary' section. Numbered callouts (1, 2, 3, 4) highlight specific elements: 1 points to the 'Quiz Statistics' button, 2 points to the 'Quiz Summary' section, 3 points to the 'Question Breakdown' section, and 4 points to the 'SpeedGrader' button in the sidebar.

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)





The screenshot shows the KINCS 'People' page for '[Sample] Internet of Things2'. The sidebar on the left contains various navigation items, with 'People' highlighted by a dashed pink box. The main content area displays a list of users with columns for Name, Login ID, SIS ID, Department, Section, Role, Last Activity, and Total Activity. A pink dashed box highlights the '+ Group Set' button in the top right corner, with a pink circle containing the number '1' next to it. Another pink circle containing the number '2' is next to the 'More' icon (three dots) for the user '학생05'. The 'Create Group Set' dialog box is open in the foreground, showing the following settings:

- Group Set Name: [Empty text box]
- 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

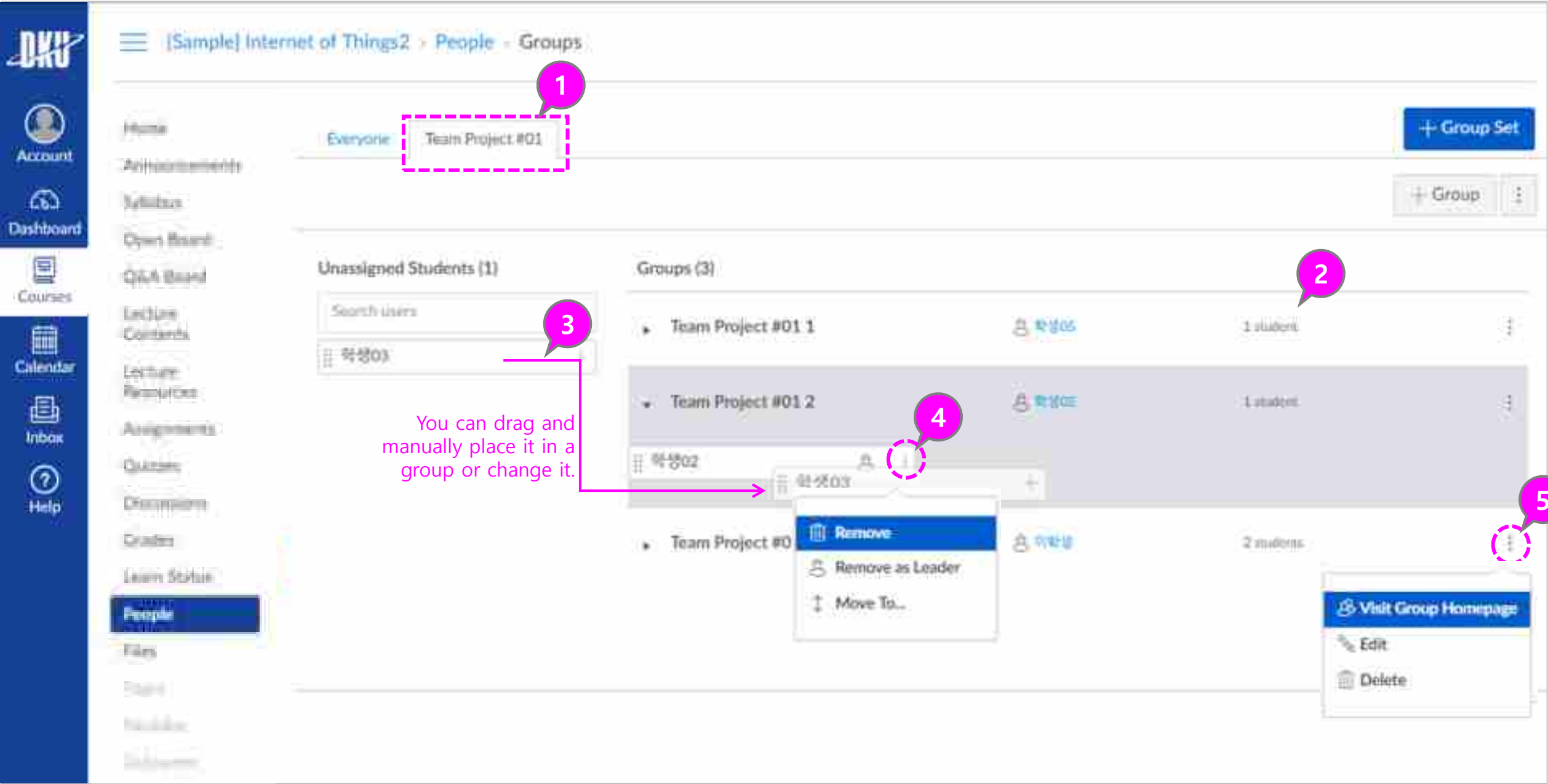
At the bottom of the dialog box are 'Cancel' and 'Save' buttons.

### 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 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.

The screenshot shows the DKU XINGCS group homepage. On the left is a dark blue sidebar with icons for Account, Dashboard, Courses, Calendar, Inbox, and Help. The main content area has a header with a hamburger menu icon, the text 'Team Project #01 2 > Discussions', and a 'Switch Group' dropdown menu (callout 3). Below the header are tabs for 'Unread' and 'Assignments', and a '+ Discussion' button (callout 2). The main content area is divided into three sections: 'Pinned Discussions' (with a message: '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' (with a message: 'There are no discussions to show in this section.' and a sort option 'Ordered by Recent Activity'), and 'Closed for Comments' (with a message: 'There are no discussions to show in this section.' and a sort option 'Ordered by Recent Activity').

**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**

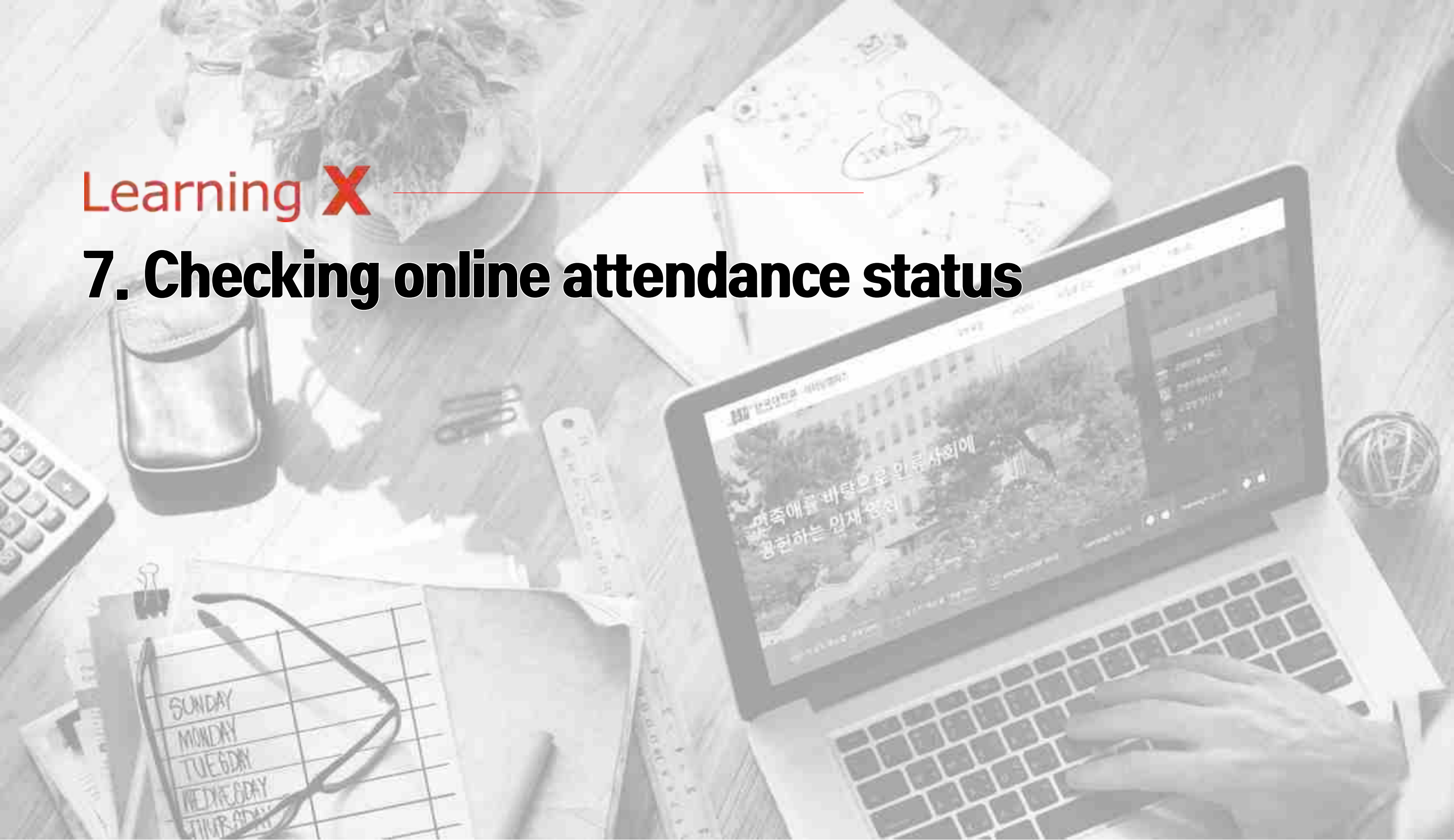
- To go to another group's homepage, expand the "Switch groups" item at the top of the menu and select the group you'd like to move.



Learning **X**

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## 7. Checking online attendance status



## 1

[학습요스별 보기](#)

Search

[Download to Excel](#)2

3

### 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

번호	이름	성명	이메일	학번	학점	학점비율	이수상태	이수비율	이수일자
1	이름	성명	이메일	학번	학점	학점비율	이수상태	이수비율	이수일자
2	이름	성명	이메일	학번	학점	학점비율	이수상태	이수비율	이수일자
3	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 10:40:10	9분 59초 (18%)	9분 59초 (18%)		
4	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 10:45:10	19분 59초 (37%)	19분 59초 (37%)		
5	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 10:50:10	27분 11초 (50%)	27분 11초 (50%)		
6	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 10:55:10	29분 59초 (55%)	29분 59초 (55%)		
7	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 11:00:10	39분 59초 (74%)	39분 59초 (74%)		
8	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 10:59:39	48분 56초 (90%)	48분 56초 (90%)		
9	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 11:00:10	49분 59초 (92%)	49분 59초 (92%)		
10	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 11:05:12	52분 26초 (96%)	52분 26초 (96%)		
11	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 11:10:11	52분 26초 (96%)	52분 26초 (96%)		
12	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 11:15:11	52분 26초 (96%)	52분 26초 (96%)		
13	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 11:20:11	52분 26초 (96%)	52분 26초 (96%)		
14	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 11:25:11	52분 26초 (96%)	52분 26초 (96%)		
15	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 11:30:11	52분 26초 (96%)	52분 26초 (96%)		
16	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 11:35:11	52분 26초 (96%)	52분 26초 (96%)		
17	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 중	2020. 5. 23. 오후 11:40:11	52분 26초 (96%)	52분 26초 (96%)		
18	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 완료	2020. 5. 23. 오후 11:43:04	54분 22초 (100%)	54분 22초 (100%)		
19	Desktop, WebKit	Windows, Chrome, 83.0.4103.61	39.116.10.183	시청 페이지 이탈	2020. 5. 23. 오후 11:43:40	54분 22초 (100%)	54분 22초 (100%)		
20									

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.

⑥ 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

DKU

Account

Dashboard

Courses

Calendar

Inbox

Help

Sample Internet of Things2 > Grades

Grades Learning Mastery

Filter by student name or secondary ID

학습 이름	번호 ID	학과	3차) 실기 평가 프로그램 설계 배점 10	4차) 소규모창업 개발에서 가장 배점 10	5차) 1분당금액을 계산하는 프 배점 15
서미영	stu_xb1		-	-	-
최학성	stu_xb2		-	-	-
학생01	stu01		9	B+ 8	10
학생02	stu02		7	C- 7	6
학생03	stu03		7	-	15
학생04	stu04		-	A- 10	7
학생05	stu05		9	A- 10	6
학생06	stu06		8	9	10
학생07	stu07		8	A- 10	12
학생08	stu08		9	-	7
학생09	stu09		10	-	15
학생10	stu10		-	-	11
학생11	stu11		8	B+ 8	9
학생12	stu12		-	9	-
학생13	stu13		-	-	-
학생14	stu14		10	F- 4	6
학생15	stu15		-	-	-
학생17	stu17		-	-	-

3

Individual View Showing All Sections

Import Export

과제 명칭	목표 달성률	수지합 달성률 20%	시험 명칭	LectureResource 달성률 0%	ClassMix 달성률 10%	합계
-	-	87%	-	-	-	① -
-	-	-	-	-	-	① -
80%	-	92.86%	-	-	-	① 83.34% B
60%	50%	92.86%	-	-	-	① 69.29% D+
91.43%	100%	150%	-	-	-	① 112.38% A
56%	20%	100%	-	-	-	① 64.67% D
65.71%	100%	100%	-	-	-	① 82.86% B
60%	80%	100%	-	-	-	① 78.33% C+
82.86%	-	100%	-	-	-	① 89.71% B+
74.29%	-	100%	-	-	-	① 84.57% B
91.43%	50%	100%	-	-	-	① 87.38% B+
78%	-	100%	-	-	-	① 86.8% B
62.86%	80%	83.33%	-	-	-	① 72.54% C-
100%	-	100%	-	-	-	① 100% A
100%	-	100%	-	-	-	① 100% A
77.14%	70%	66.67%	-	-	-	① 72.46% C-
50%	-	100%	-	-	-	① 70% C
20%	-	100%	-	-	-	① 52% F
70%	-	100%	-	-	-	① 82% B

- ① 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.
- ② 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.
- ③ Assignment group and total grade
- Scrolling to the right displays the subtotal and total grade for each rating type group.
- ④ 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 D2L Grades interface for a course titled "Sample Internet of Things2". The interface includes a sidebar with navigation links (Account, Dashboard, Courses, Calendar, Inbox, Help) and a main area with a table of student scores. A menu is open for "Assignment #01", showing options like "Assignment Details", "SpeedGrader", "Message Students Who...", "Set Default Grade", "Curve Grades", "Download Submissions", and "Mute Assignment". Three pop-up windows are overlaid on the bottom of the screen:

- Send a message to students:** A window titled "Message Students for Assignment #01" with a dropdown menu for "Message students who..." (set to "Haven't submitted yet"), a list of student names, a subject field, and a message text area.
- Curve Grades:** A window titled "Curve Grade for Assignment #01" showing a bar chart of student scores and an "Average Score" field set to 8 out of 10.
- Set Default Grade:** A window titled "Default grade for Assignment #01" with a text input field for a grade value and a "Set Default Grade" button.

## 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.

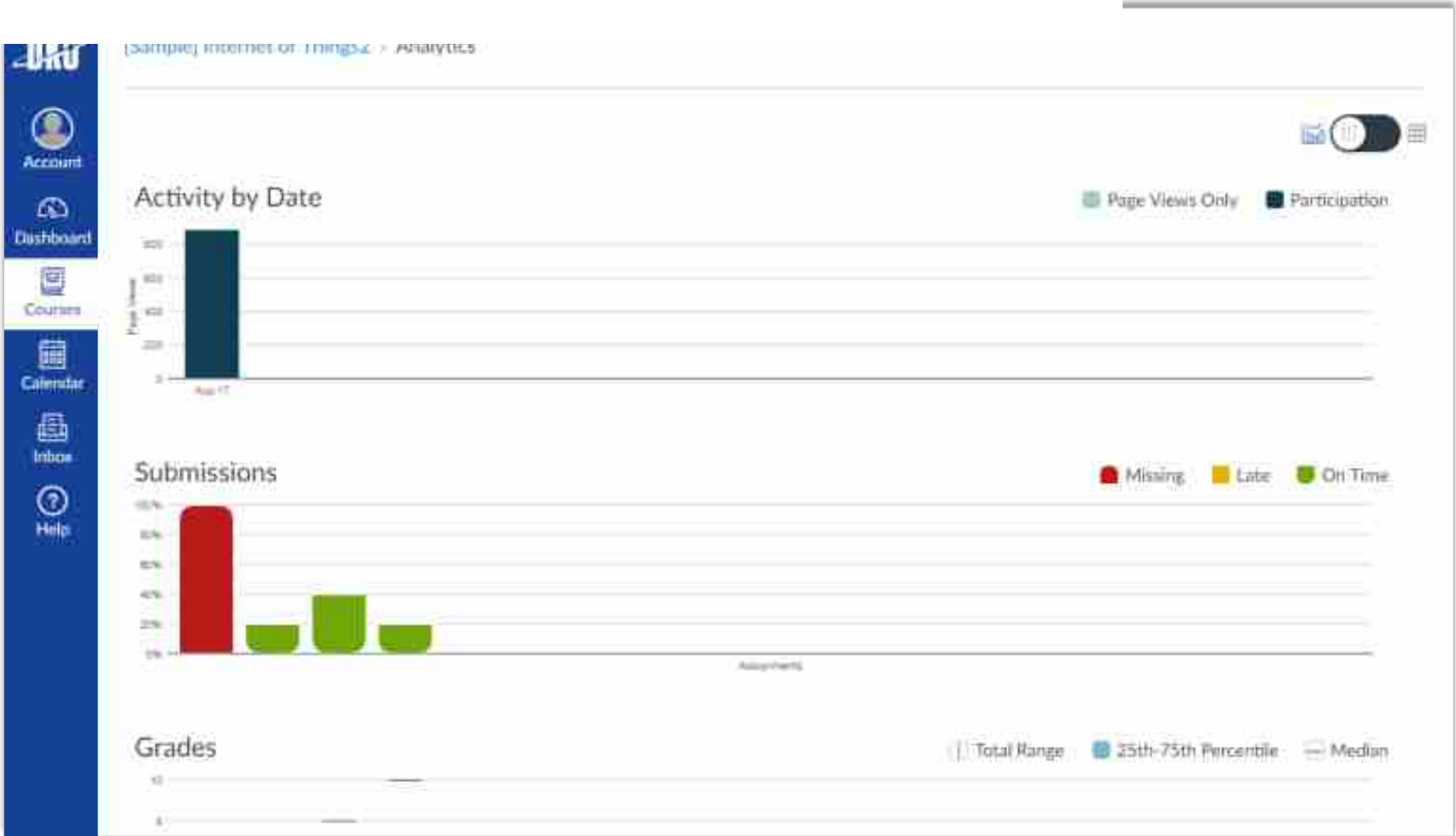
## ② Set assignment evaluation and send message to students

- 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.





- 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.



# Learning X

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## 9. Manage students / Add TA and students



DKU

Account

Dashboard

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Calendar

Inbox

Help

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Announcements

Syllabus

Open Board

Q&A Board

Lecture Contents

Lecture Resources

Assignments

Quizzes

Discussions

Grades

Learn Studio

People

Files

Tools

Feedback

Submissions

[Sample] Internet of Things2 - People

EveryoneProject #01

Search peopleAll Roles

+ Group Set

+ People

Name	Login ID	Student ID	Department	Section	Role	Last Activity	Total Activity
노영호	noyho	stu01	[Sample] Internet of Things2	Teacher	Teacher	Aug 17 at 12:11am	00:01:01
이학성	ihaks	stu02	[Sample] Internet of Things2	Teacher	Teacher	Aug 17 at 1:08am	00:52:06
이학성	ihaks	stu01	[Sample] Internet of Things2	Student	Student	Aug 16 at 9:00pm	00:00:00
이학성	ihaks	stu02	[Sample] Internet of Things2	Student	Student		
이학성	ihaks	stu03	[Sample] Internet of Things2	Student	Student		
이학성	ihaks	stu04	[Sample] Internet of Things2	Student	Student		
이학성	ihaks	stu05	[Sample] Internet of Things2	Student	Student		

Record Imitation

Edit Sections

Edit Role

User Details

Deactivate User

Revoke From Course

Analytics

이학성

[Sample] Internet of Things2

GradesAnalytics

80%100%

100%

0%

Last 5 Graded Items

Activity Compared to Class

Participation

Peer View

History

Module

이학성

Current Total: 100%

Activity by Date

Communication

Submissions

More About This User

Grades

Send Message

Interactions Report

Access Report

Outcomes Report

Analytics

Registered Web Services

이학성 hasn't linked any external services to their account yet.

- 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.



The screenshot shows the Canvas LMS interface with the 'Add People' dialog box open. The dialog is titled 'Add People' and has a close button (X) in the top right corner. It contains the following elements:

- Add user(s) by:** Three radio buttons: 'Email Address', 'Login ID' (selected), and 'SIS ID'.
- Example:** A text field containing 'smith, infoster'.
- Input field:** A text field containing '20180000, 20180001'.
- Role:** A dropdown menu with 'Student' selected. The dropdown list is open, showing options: 'Student', 'Teacher', 'TA', 'Designer', and 'Observer'.
- Section:** A dropdown menu with '[Sample] Internet of' selected.
- Can interact with:** A checkbox that is currently unchecked.
- Buttons:** 'Cancel' and 'Next' buttons at the bottom right. The 'Next' button is highlighted with a pink dashed box.

A pink arrow points from the '+ People' button in the main interface to the 'Add People' dialog. The 'Next' button in the dialog is also highlighted with a pink dashed box. A pink dashed box also highlights the 'Login ID' radio button and the 'Example' text field.

## 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 screenshot shows the 'Add People' dialog box with a green checkmark icon and the text 'The following users are ready to be added to the course.' Below this is a table with the following data:

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

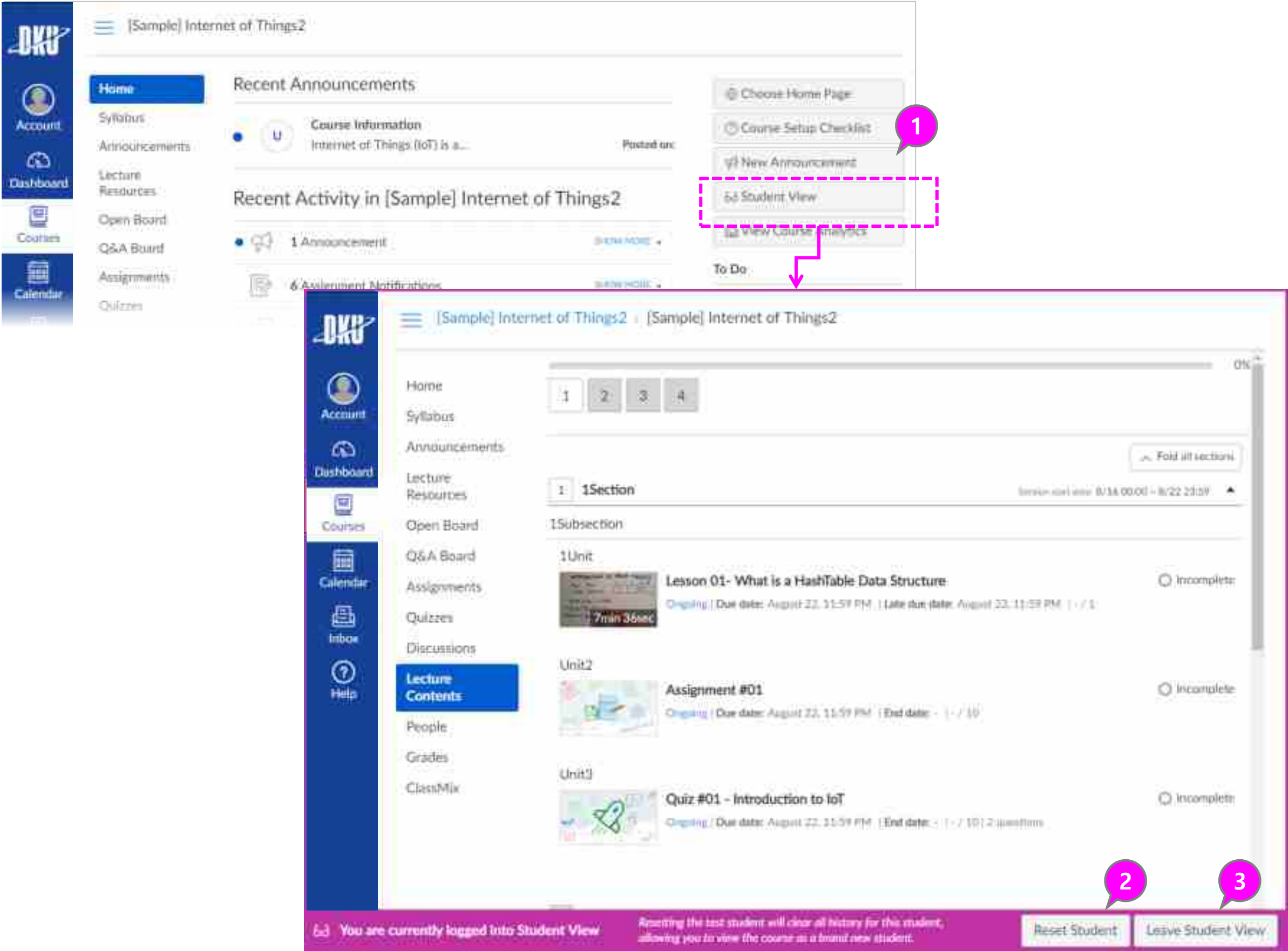
At the bottom right, the 'Add Users' button is highlighted with a pink dashed box.

Learning **X**

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## 10. Other features





① View student screen

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

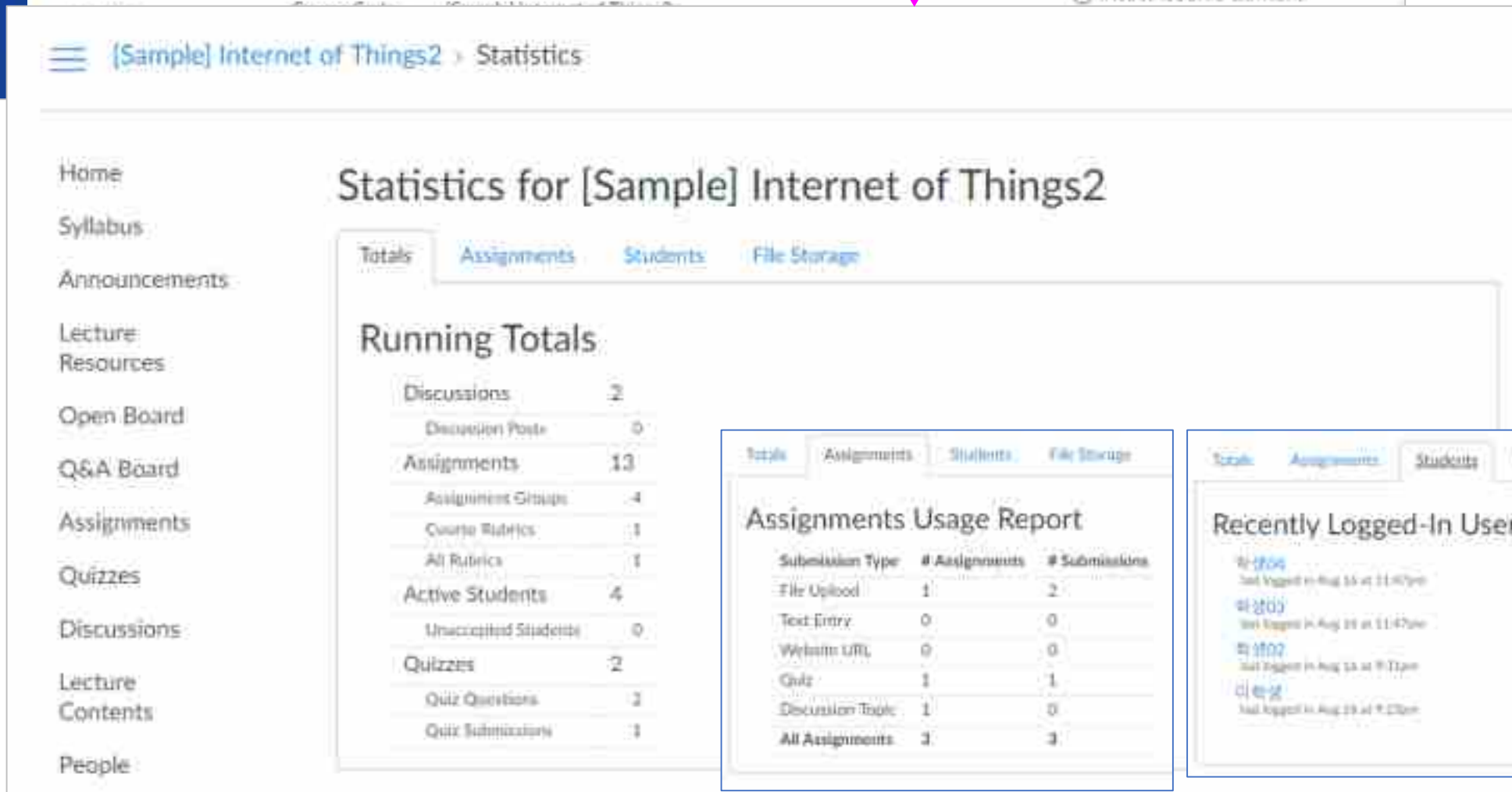
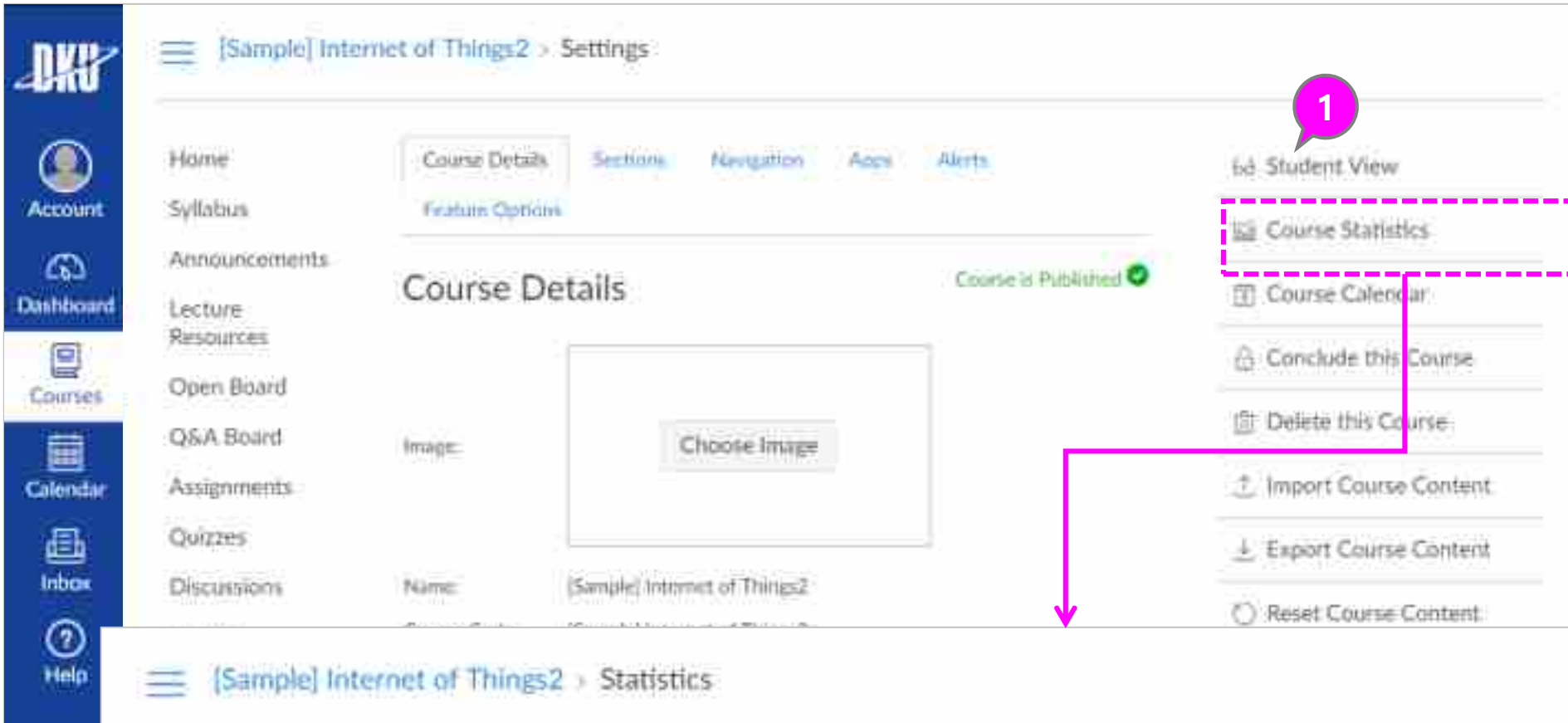
② Reset student data

- 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.