**Moodle Migration**

**Overview**

*Following the import of a Moodle course export package, your course content is now in Canvas. Let’s make sense of that content. It is optimal if you still have access to your course in Moodle. It may help to go back and forth. Use screenshots, use URLs, etc. for the migration.*

**Taking Stock and Vocabulary Overview**

Equivalent Tools in Moodle and Canvas

* Quizzes and Question Banks (**Moodle equivalent areas/tools:** *Quizzes and Question Banks)*
* Files (**Moodle:** Resources, Files)
* Assignments (**Moodle:** Assignments)
* Discussions (**Moodle:** Forums)
* Module (**Moodle:** Folder, Label, sub-folders etc)
* Pages (**Moodle:** Book, Folder, Page, IMS Content Package, etc)
* Announcements (**Moodle:** Instructor Announcements)

Content that may NOT have migrated:

● Rubrics.

● Books have no direct equivalent in Canvas. They can be adapted as Pages but will not have the same functionality as in Moodle.

● Course Catalog Description or Home Page

○ These may have transferred as a Canvas Page at the top of the Modules view or not at all. ● Other third-party apps and tools in Modules

○ These will generally only import as links. They will have to be set up to launch correctly within Canvas.

○ If you are deep linking with publisher (McGraw-Hill Connect, Cengage, Pearson) or paid content ( NBC Learn, Films on Demand), \*check with your institution Canvas admin about having these paid subscriptions and Apps added to your Canvas instance.

○ List of Apps available in Canvas: https://www.eduappcenter.com/

**Moodle Content that Canvas does not handle well.**

**1. Moodle's adaptive path Lessons activity** is not properly imported. Resources from Lessons will be unpacked into the Files area, and a new Canvas Module will be created for each Lesson, but no content, activities, or other objects are added to the new Lesson module

**2. Moodle lesson, with embedded questions**

There is no analogue to general Moodle lessons in Canvas, although wikis and Canvas pages may be an alternative way to present the same content. For more complex lessons, which rely on branching based on question answers, the only known solution is to move the lesson to a SCORM package using an authoring tool.

**3. Calculated question**

Canvas does support calculated questions, however the Canvas implementation is much more limited in functionality than in Moodle. For example, there are no shared datasets, and the question text cannot contain quantities calculated using {=...} syntax. Canvas also supports a more limited expression syntax for answers. Moodle calculated questions do not work properly after conversion to canvas, and so we carefully review all question types after migration to Canvas.

**4. Calculated multi-answer questions**

Calculated questions with formulas in the question text.

Calculated questions where the answer is a dataset variable, rather than a formula. These could possibly be reformulated into a question type that Canvas supports with careful review.

**5. Embedded answer (Cloze) question - Advanced**

These are embedded answer questions; some of which will not translate for known reasons. This includes:

● Questions with multiple answer types.

● Multiple drop-downs built in Cloze will import as fill-in-the-blank and will be missing all options besides the correct answers

To adapt this into Canvas, some Cloze questions will need to be separated into distinct questions with their own specific question type, others will just need to have the answer options placed into the question correctly.

**6. Workshop activity**

Workshop is a peer assessment activity with many options. Students submit their work via an on-line text tool and by submitting attachments. There are two grades for a student: their own work and their peer assessments of other students' work. There is no analogue to a workshop in Canvas but you may be able to implement it as a peer review assignment where appropriate.

**7. Drag and drop image or text question**

This question type allows students to drag text and/or images onto predefined drop zones on a background image. There is no analogue in Canvas.

**8. Drag and drop marker question**

This question type allows students to drop markers onto an area on a background image. There is no analogue in canvas.

**9. Drag and drop into text question**

This is a drag and drop question type where missing words can be dragged into gaps in a paragraph of text. There is no direct analogue in Canvas, but multiple dropdown questions may achieve a similar result.

**10. Essay question with attachments**

Moodle allows file submissions for essay questions in quizzes, and some classes make heavy use of this functionality. Canvas essay questions do not allow file submissions, so the converted question will not work in the same way. Changing this question to a **file submission** question may achieve the desired behavior.

**11. Multi-answer questions including numerical parts.**

Multi-answer questions which contain a mixture of different types of answers (dropdown, fill-in-the-blank, and numerical). These will need to be fixed manually.

**12. Quiz question ordering issues**

A converted quiz may have a different question ordering in Canvas than in Moodle. Usually this occurs when the quiz contains randomized questions, which will all get lumped together on the end of a canvas quiz. This issue will have to be fixed manually after import.

**13. Book activity**

The Book module allows multi-page resources with a book-like format. Moodle Books automatically convert to Canvas wikis, however there is no index in the converted wiki. Adding a separate index page with each content page linked may achieve the desired behavior in Canvas.

**14. Survey activity**

Surveys do not automatically convert to Canvas. Canvas does support graded/ungraded survey quiz types which can use normal Canvas question types, as well as Likert scale questions.

**15. Moodle topic Labels**

Canvas converts these to Pages unless the label is shorter. If short, then they are treated as Module Headers in Canvas.

**16. Word docs from Topics**

Moodle 2.3+ fails to reference direct links to Word docs from Topics in the Modules. These will need to be added to Canvas manually.

**17. SCORM and IMS Content**

Interactive content like SCORM and IMS don’t get automatically migrated to Canvas, but they can be implemented in a couple of ways. For graded SCORM content, SCORM will need to be enabled in Canvas and imported through its tool page. IMS content can also be imported on the SCORM page as an ungraded assignment or alternatively, uploaded to Canvas Files and embedded in an Iframe.

**Quizzes and Question Banks**

*This* ***does*** *convert into Canvas*

Quizzes Index Page

Quizzes

● View Questions tab within a Quiz

○ Check to see that the content migrated properly. Most of it should but it’s possible that some items such as Math formulas may have broken if using any special formatting.

○ Canvas has a LaTeX tool in it’s RCE to add/edit these formulas in Math questions

○ Check and see if Images imported correctly. If they did not, they may be in Canvas files for the course, or you may have to download them from Moodle.

○ Quizzes will be imported, but some may show up as a Practice Quiz instead of a normal Graded Quiz.

**Files**

*Files embedded in pages such as images and presentations and/or PDFs will show up in the Canvas Files area. This, however, depends a lot on how they were embedded in Moodle. Sometimes embedded images and files will still link back to Moodle and will need to be fixed manually.*

Files Index Page

● Within the Files area, course migrators can

○ Rename

○ Move

○ Delete

○ Publish/Unpublish (see Modules content section below)

○ Drag-N-Drop

● Recommended Organization Plan

○ Create Folders: Organize content using an ordering that will make the most sense to the course migrator.

■ Suggested folders:

● Option 1: Based on file type: Audio, Video, Uploads

● Option 2: Based on content chunking: Unit, Chapter, Canvas Module

■ Use Good Naming Conventions

● Make sense of the Files that you are working through

● **PRO-TIP:** If needed, create a folder called “Discard/Unsure” to move the

errant files you find.

● Move/Rename/Delete/Unpublish each file into the folders.

○ For imported folders containing HTML, CSS, and JS files, the course migrator should leave their structure and files intact if they intend to set up SCORM packages. The folders themselves can be moved into subfolders, however.

**Assignment Index Page and Assignments**

*Transitioning from a Moodle assignment to a Canvas Assignment*

Assignment Index Page

● Assignments, discussion, and quizzes from Moodle will show up in the Assignment Index Page. ○ At a later time, you will need to customize the assignment groups to match your grading policy.

● Take stock of the Assignment Groups and content within each group.

○ Focus on the content- each published assignment has a column in your gradebook. ○ If not sure of an assignment, unpublish rather than delete.

● Edit an assignment and look over the settings.

○ If needed assignment duplication:

○ **PRO-TIP:** Unpublish all assignments. Check the setting and publish once they are Canvas-ready. This way you do not have unnecessary columns in your gradebook. ○ Rubrics - Need to find a moodle course with Rubrics to verify the status of them but I don’t believe they come over at all.

**Pages**

*Page content will be preserved as it exists in Moodle. This includes images and embedded files. Some content from Moodle will appear in Canvas after a migration as pages, such as Lesson headers.*

Overview and Use Cases

● Introduction to the Rich Content Editor: LaTex editor, tables, upload/record media ● Adding content from Apps: Youtube, Khan Academy

● Adding Links/Files/Images

○ Show difference between important content and re-adding files

○ Explain the Canvas’s ability to open or even auto-open within a Page (or anywhere the RCE if found).

● **PRO-TIP:** Unpublish pages that you may reuse. Delete unnecessary pages.

**Discussions**

*Most Discussions will import correctly (threaded replies, points), but it would be best to verify that all discussions and settings have been imported properly.*

Discussion Overview

● Imported discussions will show-up in the Discussions area

○ Graded comes in as Graded

○ Ungraded comes in as Ungraded

**Course Navigation Menu**

Have these items visible for students under course navigation (You can add more or remove items based on individual uses)

● Home

● Modules

● Grades

● Announcements

Each Moodle Implementation is different due to it’s customization but a good portion of options that you have navigating in Moodle exist in Canvas.

● The Navigation Menu in Moodle will usually appear as *Modules* in Canvas.

● Activities (Quizzes, Forums, and Assignments) will show up in the Navigation Menu respectively as Quizzes, *Discussions*, and Assignments. These can show up in whatever order you desire.

**Imported Course Content**

This is What You Are Seeing in Modules

● Initially you should see all Moodle course navigation tabs and content

○ This why drag and drop matters

○ Think about your overall structure for content

**Modules**

Modules

● Content shown in Modules reflects Navigation Content from Moodle

● Organization of Content

○ It may help to collapse Content using the arrow left of module name to help organization ● Once you have the modules named the way you want, then expand Module and Reorder Content ○ Use the Move-to Sidebar.

○ Focus only on the flow of the content in the modules.

○ Later come back to focus on the details of the individual items (This is for later) ● Publishing vs. Unpublishing

○ Controls Student Access

● **PRO-TIP**

○ It may help to unpublish content first

○ Publish as you have worked through, created, and organized content

What Can Be Added to a Module?

● Quizzes, Assignments and Discussions

● Content Pages

● Files (docs & media files)

● External URLs

● Text Headers

● Apps

Each type of content has a unique icon.

What Can’t Be Added to a Module?

● Canvas does not contain sub-modules (or sub-folders) so students are not going to click their way into oblivion.

● Canvas also does not contain links from the Modules page itself to other module sections to encourage simplicity for students.

Renaming Content

● Renaming content can be done through ...

○ Modules

○ From the content’s editing view directly

Adding Content To Modules

*Course migrators can …*

● Leverage Existing Content (Drag and Drop).

● Add existing content items to a module

● Upload Files to a module

● Build New Content In Modules

○ Create new content items (placeholders)

● Link to URLs outside of Canvas

● Link to Apps (as external URL); apps should be previously installed

● Assignments, Grade Discussions, and Content Pages can be duplicated in Modules.

ICON TABLE

Resource Site: https://canvas.instructure.com/courses/787387/pages/canvas-icons

Headers and Indentation

● Visually Organizing Module Content

○ Headers - Insert text items to be used as headers or dividers (very important when viewing on mobile devices, otherwise there is no division between sections)

○ Indenting - Visually makes one item appear as if it is nested beneath another ○ Reorder modules and content within modules with drag & drop functionality or use gear icon to reorder