



3.11 MUA Project: Student activity completion

Better student activity completion experience

- Clearer activity information on course homepage and within the activity
 - Completion conditions
 - Activity dates
- Ability to mark activities with manual completion as complete within the activity page

Activity information output component

- Automatic completion



Offline assignment

Submissions due: 23 April 2021, 2:00 PM

Done: View

To do: Make a submission

To do: Receive a grade

- Manual completion



Assignment with file submissions

Submissions opened: 23 February 2021, 8:48 PM

Submissions due: 23 March 2021, 8:48 PM

Mark as done

Course homepage

Assignments

Assignments enable teachers to grade and give comments on uploaded files and assignments created on and off line.

 Online text assignment

Submissions opened: 23 March 2021, 8:48 PM

Submissions due: 1 April 2021, 2:00 PM

Restricted Not available unless: The activity **News forum** is marked complete

Students type their response directly into a text box on Moodle.

 Assignment with file submissions

Submissions opened: 23 February 2021, 8:48 PM

Submissions due: 23 March 2021, 8:48 PM

Mark as done

Students upload one or more files (such as 2 in this example) which the teacher can grade. If these are pdf files, the teacher can annotate them directly in the browser.

 Group assignment

Submissions open: 20 January 2023, 2:00 PM

Submissions due: 3 February 2023, 2:00 PM

Mark as done

Students add text online and/or upload files collaboratively. A single grade may be awarded to the whole group or each member may be given a separate grade. All members must submit.

 Offline assignment

Submissions due: 23 April 2021, 2:00 PM

Done: View **To do:** Make a submission **To do:** Receive a grade

Activity view

Activity examples

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Assignment with file submissions

Submissions opened: 23 February 2021, 8:48 PM

Submissions due: 23 March 2021, 8:48 PM

✓ Done

Course settings

▼ Appearance

Force language

Do not force

Number of announcements



5

Show gradebook to students



Yes

Show activity reports



No

Show activity dates



No

▶ Files and uploads

▼ Completion tracking

Enable completion tracking



Yes

Show completion conditions



No

Activity plugin implementation

Disclaimer:

These are currently in-progress and might be subject to change before the 3.11 release ;)

Custom completion

1. Extend `\core_completion\activity_custom_completion`
 - `mod_[pluginname]\completion\custom_completion`
2. Implement the following methods:
 - `get_defined_custom_rules()`
 - Array of defined custom rules
 - `get_state()`
 - Fetches the completion state for a given custom rule
 - `get_custom_rule_descriptions()`
 - Array of custom rule descriptions
 - `get_sort_order()`
 - Defines the ordering of custom rules when displayed

Activity dates

1. Extend `\core\activity_dates`
2. Implement the following method:
 - `get_dates()`
 - Array of relevant dates for the activity module

Displaying the activity information

1. Find heading for the activity name in view.php
2. Fetch the completion details for your activity
 - `\core_completion\cm_completion_details::get_instance()`
3. Fetch the activity dates for your activity
 - `\core\activity_dates::get_dates_for_module()`
4. Render with `$OUTPUT->activity_information()`

```
// Render the activity information.  
$completiondetails = \core_completion\cm_completion_details::get_instance($cm, $USER->id);  
$activitydates = \core\activity_dates::get_dates_for_module($cm, $USER->id);  
echo $OUTPUT->activity_information($cm, $completiondetails, $activitydates);
```

More information

- Epic: [MDL-70814](#)
- Documentation: [Student activity completion](#)
- [Prototype site](#)

