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# edx-gea Documentation

*Release 1.0*

**FUN**

March 22, 2018



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This XBlock provides a way to grade external activity in edx-platform. The course staff will upload a simple csv containing usernames, grades and optional comments. Then through the same XBlock students will see their evaluation.



## Installation

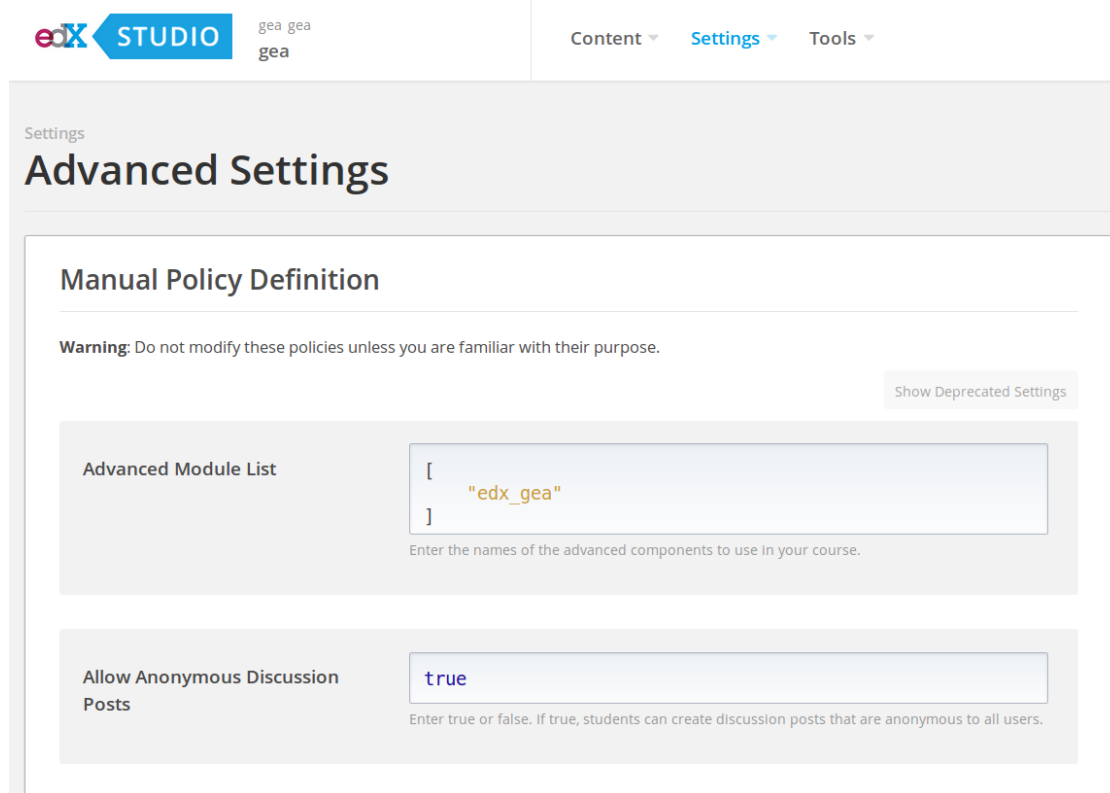
### 1. Install edx-gea

```
git clone https://github.com/openfun/edx-gea.git
cd edx-gea
pip install .
```

### 2. Add edx\_gea to installed Django apps

- In `/edx/app/edxapp/edx-platform/cms/envs/common.py`, add `'edx_gea'` to `OPTIONAL_APPS`
- In `/edx/app/edxapp/edx-platform/lms/envs/common.py`, add `'edx_gea'` to `OPTIONAL_APPS`

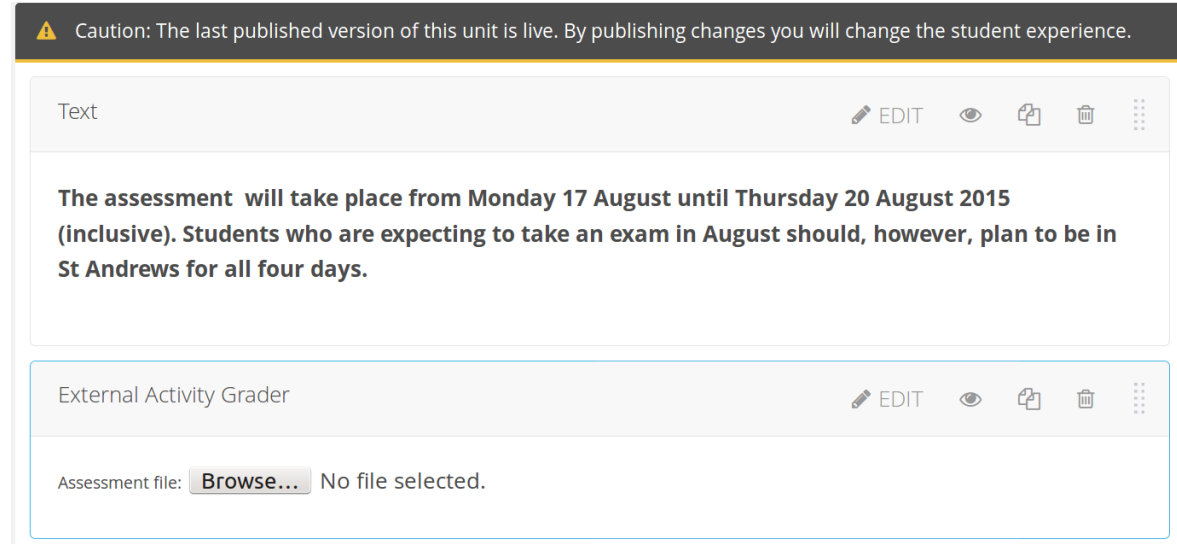
### 3. Enable the GEA component in LMS and Studio (CMS).



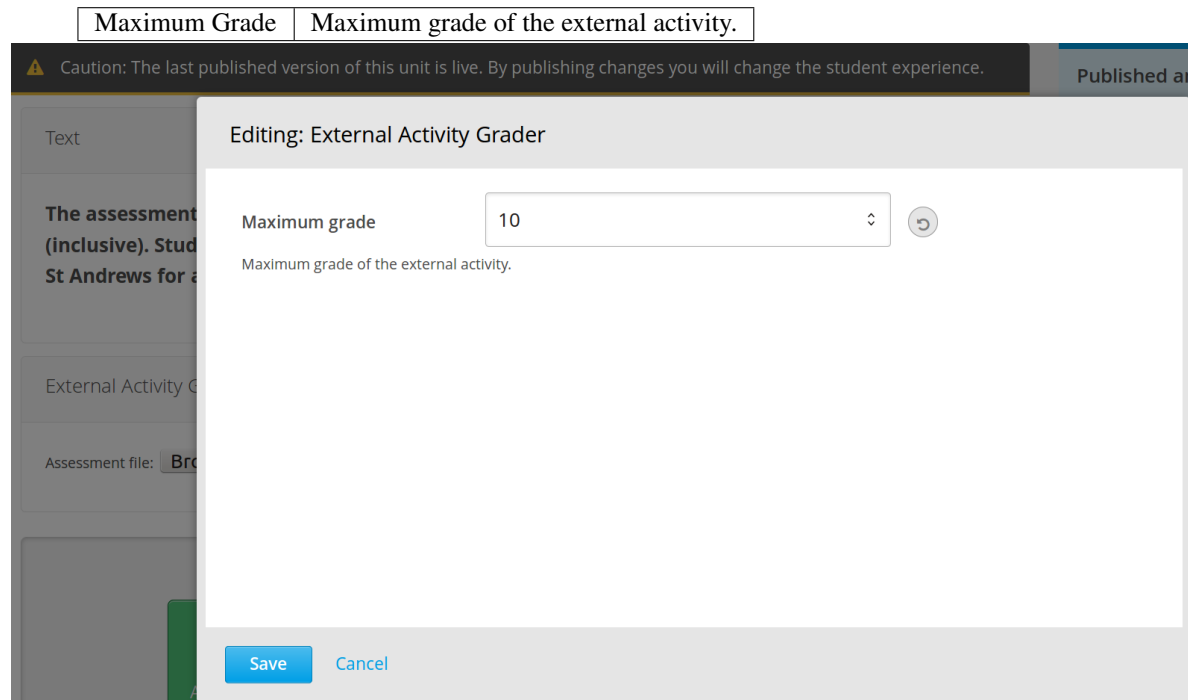
The screenshot shows the EdX Studio interface. At the top, there's a navigation bar with the EdX logo, the word "STUDIO", and a user profile "gea gea". To the right are links for "Content", "Settings" (which is highlighted), and "Tools". Below the navigation bar, the page title is "Settings" followed by "Advanced Settings". The main content area is titled "Manual Policy Definition" and includes a warning: "Warning: Do not modify these policies unless you are familiar with their purpose." There is a button labeled "Show Deprecated Settings". Below this, there are two settings sections. The first is "Advanced Module List" with a text input field containing a JSON array: `[ "edx_gea" ]`. Below the input field is a hint: "Enter the names of the advanced components to use in your course." The second section is "Allow Anonymous Discussion Posts" with a text input field containing the value `true`. Below this input field is a hint: "Enter true or false. If true, students can create discussion posts that are anonymous to all users."

## Create the GEA XBlock in edX Studio

1. Since the Grade External Activity doesn't support text within the problem, it is recommended to precede the GEA XBlock with a Text or HTML XBlock with instructions for the student describing the external activity.



2. Set the *Maximum Grade* setting.



## Staff Grading

1. Write your assessment file. The file has to be a CSV file with the following structure:

username	grade	comment
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An example:

	A	B	C	D
1	Jean	18	Well done Jean.	
2	Jack	12		
3	Pierre	8	A lot of mistakes, keep studying.	
4				
5				

#### Note:

- Grades are **integer**. 8.5 will not be accepted.
- Comments are optionnal.

2. Navigate to the student view (LMS) of the course and find your Grade External Activity block. (If you are in Studio, click “View Live”).
3. If you are Course Staff or an Instructor for the course, you will see the interface for submitting the assessment file.

The screenshot displays the edX-GEA assessment submission interface. On the left, a sidebar contains a navigation menu with items: chapter, sequential (Homework), sequential2 (Homework), sequential3, video, and edx-gea (highlighted). The main content area features a title bar with navigation arrows and a list icon. Below this, a message states: "The assessment will take place from Monday 17 August until Thursday 20 August 2015 (inclusive). Students who are expecting to take an exam in August should, however, plan to be in St Andrews for all four days." A "VIEW UNIT IN STUDIO" button is located to the right of this message. Further down, there is a "STAFF DEBUG INFO" button. At the bottom, the "Assessment file:" section shows a "Browse..." button and the text "No file selected."

4. Upload the file, and wait for a few seconds. In case of errors in the assessment file, a list of errors will be displayed. Correct the file and upload it again.

chapter

sequential  
Homework

sequential2  
Homework

sequential3

video

edx-gea

<

>

VIEW UNIT IN STUDIO

The assessment will take place from Monday 17 August until Thursday 20 August 2015 (inclusive). Students who are expecting to take an exam in August should, however, plan to be in St Andrews for all four days.

STAFF DEBUG INFO

Assessment file:  lol.csv

The assessment file contains errors, please fix it, and upload the file again.

- Line 0: Score 50.0 is outside score limits.
- Line 1: User julien is not enrolled to this course.
- Line 1: Score 50.0 is outside score limits.
- Line 2: User louddis does not exist.
- Line 2: Score 1000.0 is outside score limits.

## 5. Don't forget to choose the type of your CSV file delimiter.

<

>

VIEW UNIT IN STUDIO

Assessment file:  No file selected.

CSV delimiter: Comma

Grade

Note: The csv file could not exceed 1000 lines. If you have more than 1000 students to grade, upload the assessment file in smaller chunks.

## 6. You are done. All students have just been graded !

chapter

sequential  
Homework

sequential2  
Homework

sequential3

video

edx-gea

<

>

VIEW UNIT IN STUDIO

The assessment will take place from Monday 17 August until Thursday 20 August 2015 (inclusive). Students who are expecting to take an exam in August should, however, plan to be in St Andrews for all four days.

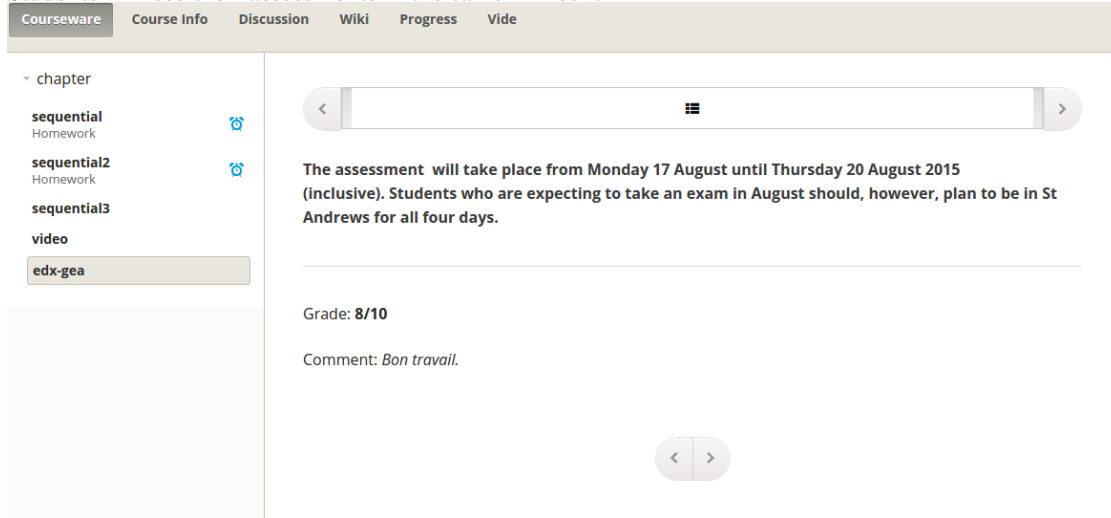
STAFF DEBUG INFO

Assessment file:  good.csv

Thank you, the students assessment has been done.

## Student LMS Interface

Students will see their assessments in the same XBlock:



The screenshot displays the Student LMS Interface. At the top, a navigation bar includes tabs for Courseware, Course Info, Discussion, Wiki, Progress, and Video. The Courseware tab is active. On the left, a sidebar shows a tree view under 'chapter' with items: sequential Homework, sequential2 Homework, sequential3, video, and edx-gea (highlighted). The main content area features a horizontal scroll bar at the top. Below it, a text block states: 'The assessment will take place from Monday 17 August until Thursday 20 August 2015 (inclusive). Students who are expecting to take an exam in August should, however, plan to be in St Andrews for all four days.' A horizontal line separates this from the grade section, which shows 'Grade: 8/10' and 'Comment: Bon travail.' At the bottom of the main content area are navigation arrows.

**Note:** The grade is also displayed in the Progress page of the course.