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# edx-gea Documentation

*Release 1.0*

**FUN**

March 21, 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

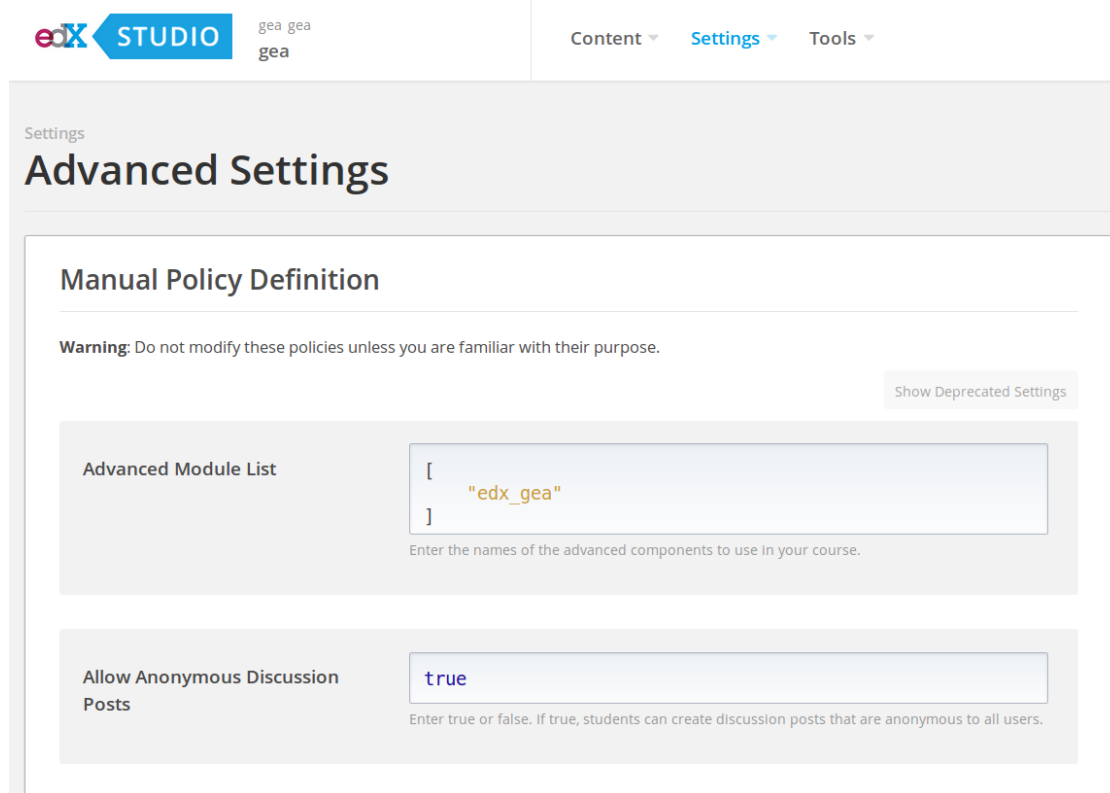
### 1. Install edx-gea

```
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).



edX STUDIO

Content Settings Tools

Settings

## Advanced Settings

### Manual Policy Definition

**Warning:** Do not modify these policies unless you are familiar with their purpose.

Show Deprecated Settings

**Advanced Module List**

[  
"edx\_gea"  
]

Enter the names of the advanced components to use in your course.

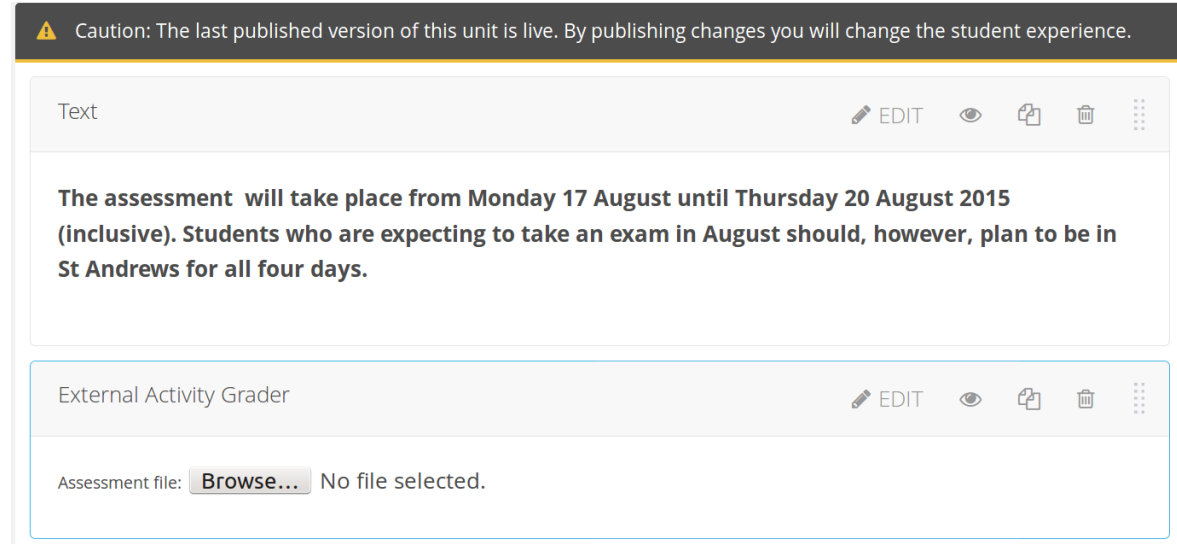
**Allow Anonymous Discussion Posts**

true

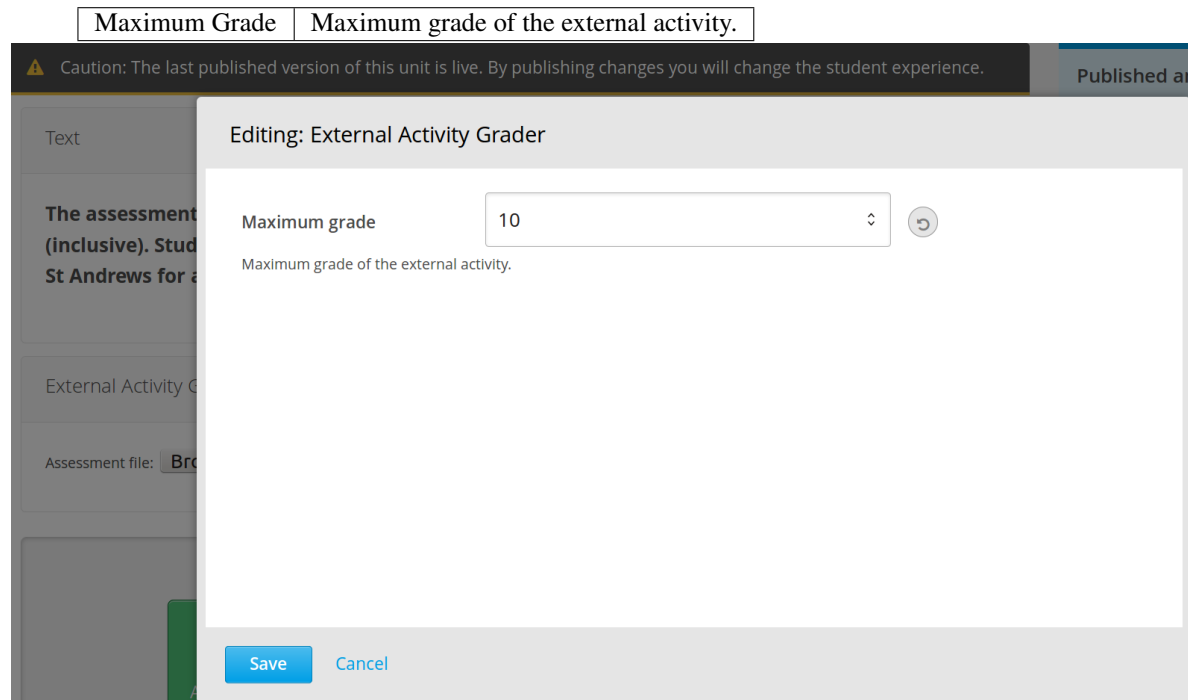
Enter true or false. If true, students can create discussion posts that are anonymous to all users.

## 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
----------	-------	---------



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.

Courseware
Course Info
Discussion
Wiki
Progress
Vide
Instructor

chapter
sequential Homework
sequential2 Homework
sequential3
video
edx-gea

<
>

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.

VIEW UNIT IN STUDIO

STAFF DEBUG INFO

Assessment file: Browse... 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.

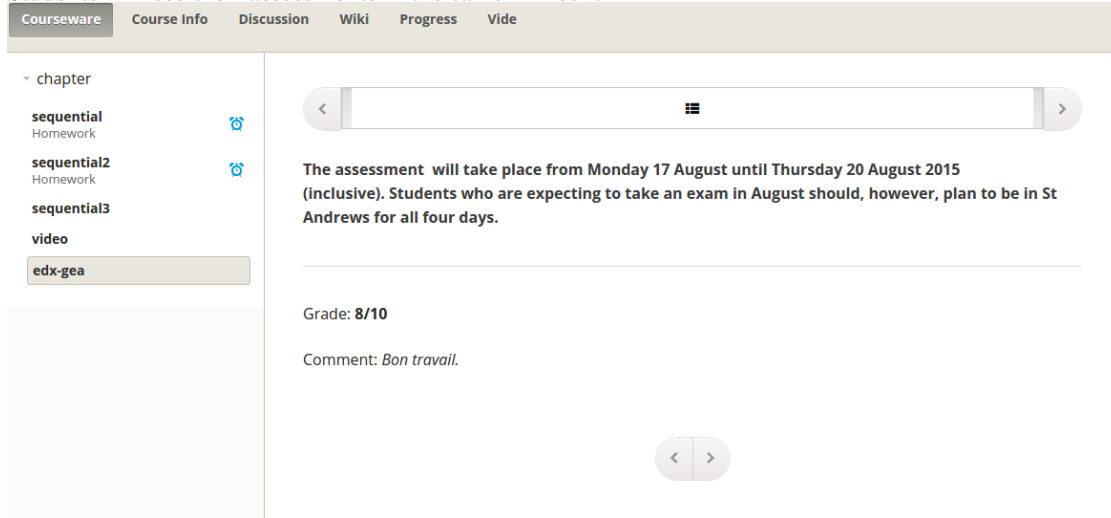
STAFF DEBUG INFO

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 a comment '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.