OER Revisions and Ancillary Materials Creation Mini-Grant Application

Affordable Learning Georgia aims to support the sustainability of previous Textbook Transformation Grants implementations through revisions of created open educational resources or the creation of new ancillary materials for existing OER. Individuals or teams who would like to apply for an OER Revisions or Ancillary Materials Creation. Mini-grant participants do not need to be the original creators of the resource(s). While we welcome original authors to revise their original materials, the nature of open licenses allows for the revision and remixing of OER materials by anyone as long as the terms of the license are adhered to.

The final deliverable for this category is the revised or newly-created materials as proposed in the application, which will be hosted through GALILEO Open Learning Materials. All revised or newly-created materials will be made available to the public under a Creative Commons Attribution License (CC-BY), unless the original materials were under a more restrictive license such as the inclusion of SA (Share-Alike) or NC (Non-Commercial).

For the purposes of this grant, we define revision as the major improvement of a resource through updates for accuracy, accessibility, clarity, design, and formatting. We define ancillary materials as any materials created to substantially support the instruction of a course using an existing open educational resource(s).

Applicant Name *

Patcharin Tragoonsirisak Marion

Applicant Position *

Associate Professor

Applicant Institution *

Fort Valley State University

Applicant Email Address *
Please use your institutional email address.

tragoonsirisakp@fvsu.edu

Other Team Members

Individuals can apply for mini-grants; a team is not required. If you do want to add team members to your grant, please provide the names and email addresses here.

Ishwari Kunwar; kunwari@fvsu.edu

Type of Project *

⦿ Revision of pre-existing OER

◯ Creation of ancillaries for pre-existing OER

◯ Other:

Final Semester of the Project *

This is the semester in which the materials created/revised will be completed.

◯ Fall 2019

◯ Spring 2020

Proposed Grant Funding Amount: *

This is the total (in a dollar amount) of funding you are requesting for the mini-grant. There is a maximum of $4800, with a maximum of $2000 per team member and $800 for project expenses.

$4800

Currently-Existing Resource(s) to be Revised / Ancillaries Created *

Please provide a title and web address (URL) to each of the currently-existing resources that you are either revising or creating new ancillary materials for below.

Through the previous ALG grant (Round 6; #246), the OpenStax textbook was adopted (https://openstax.org/details/books/calculus-volume-1) and the homework assignments was created in the D2L (https://fvsu.view.usg.edu/d2l/login) for the Calculus I.

Project Description *

In at least one paragraph, describe your project's goals and deliverables.

In 2016, the PIs (including Dr. Patcharin T. Marion) were funded with an ALG Textbook Transformation Grant, and they developed the no-cost-to-student learning materials for Calculus for Business and Economics, Calculus I, Calculus II and Differential Equations. Among those courses, Calculus I has had the most impact because many students on campus are required to take Calculus I. When we started using the no-cost materials, students were very happy and relieved because they could save about $300 for the textbook and MyMathLab(MML).

Dr. Marion, the Calculus coordinator of our department at Fort Valley State University, and Dr. Kunwar would like to improve the course materials for Calculus I as follow.
1. More types and versions of questions (other than the multiple-choice questions) will be created.
2. More problems will be added into the test bank.
3. The course materials (except the quizzes) will be opened accessibility to the public and students through a website.

Timeline and Personnel *

Provide a project timeline with milestones below, keeping in mind your selected Final Semester above. Provide a short description of the roles any additional team members will take on during the activities in your timeline.

Spring 2018:
1. Determine current problems which will require editing.
2. Find areas where more problems are needed.

Summer 2018:
1. Create, edit, and upload the problems in the D2L.
2. Post the materials that can be downloaded for free.
3. Compile the final report.

There are four units in the course. Dr. Kunwar will be responsible for revising, editing, and adding the questions in three units. Dr. Marion will be responsible for revising, editing, and adding the questions in one unit. Dr. Marion will also post the materials that can be downloaded for free, and create all of the reports.

Budget *

Please enter your project's budget below. Include personnel and projected expenses. The maximum amounts for the award are as follows: $4,800 maximum award, $2,000 maximum per team member, $800 maximum for overall project expenses. Unlike standard-scale and large-scale transformations, the maximum of $800 is not a required element of the budget, but rather meant primarily for the purchase of specific tools and software which would help with improving resources.

$2000 : Compensation for Dr. Patcharin T. Marion (summer pay)

$2000 : Compensation for Dr. Ishwari Kunwar (summer pay)

$800 : Travel or overall project expenses

Creative Commons Terms *

☑ I understand that any new materials or revisions created with ALG funding will, by default, be made available to the public under a Creative Commons Attribution License (CC-BY), with exceptions for modifications of pre-existing resources with a more restrictive license.

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