

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 ALG-funded OER. Individuals or teams who would like to apply for an OER Revisions or Ancillary Materials Creation Mini-grant 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 *

Guangzhi Zheng

Applicant Position *

Associate Professor in Information Technology

Applicant Institution *

Kennewsaw State University

Applicant Email Address *

Please use your institutional email address.

gzheng@kennesaw.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.

Zhigang Li - zli8@kennesaw.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.

- Spring 2018
- Summer 2018
- Fall 2018

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 ALG-funded resources that you are either revising or creating new ancillary materials for below.

ALG Grant Round 1 #42 - Introduction to Web Development

<http://facultyweb.kennesaw.edu/gzheng/IT5302%20201501.zip>

https://www.youtube.com/playlist?list=PLdiVex6HxQcvlQ2SQA5W_hirIGa10QkHk

http://www.affordablelearninggeorgia.org/documents/alg_grant_r1_final_report_-_42.docx

Project Description *

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

We had an ALG round 1 grant on a web development course (Round 1 #42) in spring 2015. Now three years had pasted, our original course on web development has been updated by the department to include more relevant topics beyond just programming. Some new topics include security, usability, web analytics, web 2.0, and mobile web. We think this is a good chance to improve the course to cover some of these topics with open and free learning resources. Our plan:

1. add at least three more modules that cover topics beyond programming, with all lectures notes, study guides, lab, quiz developed by ourselves.
 2. update the original video lectures.
 3. update the original modules to include new and better resources.
 4. update and provide more resources on the new software tools.
 5. find a new platform to host our materials
 6. Implement the new materials in the course and get student feedback
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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.

Dr. Guangzhi Zheng - the main content developer and course architect

Dr. Zhigang Li - eLearning course design support and part-time instructor who teach the course as needed.

Timeline:

Fall 2017 - detailed course analysis and planning for changes

Spring 2017 - course development (update)

Summer 2017 - implement the new and updated materials to an online course and get student feedback.

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.

Total \$4800

Development effort compensation:

\$2000 - Dr. Guangzhi Zheng

\$2000 - Dr. Zhigang Li

\$800 Project expense for mobile device

One or two mobile device (phone or tablet) is needed for the new content on mobile web development and testing.

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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