

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 *

Shuhua Lai

Applicant Position *

Professor of Information Technology

Applicant Institution *

Georgia Gwinnett College

Applicant Email Address *

Please use your institutional email address.

slai@ggc.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.

Kairui Chen, Associate Professor of Information Technology, kchen@ggc.edu, Georgia
Gwinnett College

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.

\$4,800

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.

Title: No-Cost-to-student course material for ITEC 2110 (Digital Media)

URL: <http://oer.galileo.usg.edu/compsci-collections/6/>

URL: <http://wiki.ggc.edu/wiki/ALG:ITEC2110>

Project Description *

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

In 2015, The PIs were funded with an ALG Textbook Transformation Grant and successfully developed a suite of no-cost-to-student course learning materials for ITEC 2110 (Digital Media). The materials have been made available to approximately 1,700 GGC students who take this course annually, which has resulted in significantly reduced costs to students.

However, the technology used in Digital Media continues to advance like those used in other IT courses. In particular, the software we used in 2015 when designing our learning materials has evolved to new editions with new functionalities and new interfaces. Accordingly, some of the course learning materials designed in our previous ALG grant are largely obsolete. Therefore, our goals are to:

1. Revise and create a new set of ITEC 2110 course materials that will (a) reflect the most recent advancements suitable for current ITEC 2110 and (b) incorporate the feedbacks we received from students and faculty who used the no-cost-to-student course learning materials over these two year period; and
2. Deliver the revised course learning materials in spring 2018 semester to at least 4 sections of ITEC 2110, such as reading materials, lecture notes, tutorials/video clips, hands-on activities, labs, homework assignments, and tests, that are consistent with new technological advances in the area of digital media.

All of the revised materials will continue to be freely available to the public and hosted through the GALILEO Open Learning Materials. We understand that new works will be created under a Creative Commons Attribution License.

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.

11/30/2017

Complete identifying all course modules that need to be revised. This includes revision of the course syllabus and test banks for quizzes, tests and final exam.

12/31/2017

Complete revision of all course level materials. This includes all revision to the complementary reading materials, lecture notes, tutorials/video clips, hands-on activities, labs, and homework assignments.

Develop a new survey of using the no-cost materials.

1/31/2018

Deliver the revised materials in spring 2018 semester to at least 4 sections of ITEC 2110.

Deliver the semester report.

04/30/2018

Complete the course offering in the spring semester.

Complete student evaluation.

Complete the survey data collection.

05/31/2018

Complete data collection and analysis.

Compile final report.

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.

(1) Compensation for two faculty: $\$2,000 * 2 = \$4,000$.

Funds are requested to compensate the two investigators' work and activities related to the research, preparation, online posting, and evaluation of the revised course materials.

(2) Travel expense: \$800

The travel expense is to support the two PIs' attendance to the annual USG Teaching and Learning Conference: Best Practices for Promoting Engaged Student Learning. The purpose of the travel is to disseminate our results in the hope that more faculty will adopt our no-cost-to-student textbook materials. The expenses will include mileage, per diem, and lodging.

Only open source software will be used in this project, thus there is no additional spending on software or equipment.

Total Request: \$4,800

Creative Commons Terms *

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