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. 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).

While mini-grants do not normally require the Letter of Support process that larger Textbook Transformation Grants require, multi-institution collaborations on a mini-grant project do require a Letter of Support from each institution. This is to ensure that not only the Project Lead's institution is aware of the grant.

Applicant Name *

Meng Han

Applicant Position *

Assistant Professor

Applicant Institution *

Kennesaw State University

Applicant Email Address *

Please use your institutional email address.

mhan9@kennesaw.edu

Other Team Members

Please provide both names and email addresses here.

Xin Tian, xtian2@kennesaw.edu

Type of Project *

- ◉ Revision of pre-existing OER
- ○ Creation of ancillaries for pre-existing OER
- ○ Other:

Course Number(s)

IT 4323

Course Title(s)

Data Communication and Networking

Final Semester of the Project *

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

○ Fall 2020

◉ Spring 2021

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.

http://ksuweb.kennesaw.edu/~mhan9/ALG/it4323/4323.html

Project Description *

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

In this project, we propose to take a sustained effort to improve the data communication and networking courses using no-cost-to-students learning material to adapt to the up-to-date content. This project not only aims to keep the low financial burden imposed by high cost of textbooks, but also strives to develop free open-access, and updated learning materials that offer equivalent or better educational effectiveness than previous offering.

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.

- 5/01/2020
o   Complete baseline gathering of statistics
- 7/31/2020
o   Complete course level materials redesign, which includes syllabus and schedule for both courses.
o   Complete project progress report for IT 4323.
- 12/01/2021
o   Complete the development of no-cost materials include all reading, lecture notes, video clips, exercises, labs, and assignments materials for IT 4323.
- 5/05/2021
o   Complete the course offering for IT 4323.
o   Complete the survey data collection for the offered courses.
o   Complete student evaluation for all offered courses.
- 5/15/2021
o   Complete assessment data collection and analysis for the whole project.
o   Deliver the final status report.
o   Complete the 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.

- • Dr. Meng Han
- Role: IT 4323 developer & instructor
- Investigators compensation: $1,500
- • Dr. Xin Tian
- Role: IT 4323 coordinator & instructor
- Investigators compensation: $1,500
- • Equipment (tablets & storage) and refereed books: $1000
- • Software & Other Expense: $800.
- $800 is budgeted for the network simulation software and other education tools for improving the course development.
- •

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.