
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 *

Lei Li

Applicant Position *

Professor

Applicant Institution *

Kennesaw State University

Applicant Email Address *

Please use your institutional email address.

lli13@kennesaw.edu

Other Team Members

Please provide both names and email addresses here.

Meng Han, mhan9@kennesaw.edu

Type of Project *

- Revision of pre-existing OER
- Creation of ancillaries for pre-existing OER
- Other: _____

Course Number(s)

IT 6833

Course Title(s)

Wireless Security

Final Semester of the Project *

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

- Summer 2020
- Fall 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.

IT 6833 Wireless Security (ALG round 8, proposal #302)

Learning material link: <http://ksuweb.kennesaw.edu/~lli13/IT6833.html>

Project Description *

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

The proposed course, IT 6833 Wireless Security was initially developed using the no-cost-learning material on 2017 as the part of ALG grant round 8 proposal #302. We have been conducting regular maintenance on the no-cost-to-student learning material in IT 6833 for the last two years such as fixing the broken web links. Given the advances in wireless network such as 5G cellular network and Wifi 6 (802.11ax), the content of IT 5433 should be systematically updated. We propose to achieve following objectives in this project.

1. Update the contents of the learning material in the current learning modules. Given the broken web link issues we had in the past, we plan to cache the selected web content provide it to the students locally whenever is possible.
2. Update the quizzes, assignments, projects, slides, and the test bank based on changes made in the learning material. In addition, two hands-on labs are out of dates and needs to be replaced.
3. Modify existing modules to include 5G cellular network and security and Wifi 6 (802.11ax) its security implications.

The updated learning material will be hosted in the original publicly available web site.

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.

The project timeline with milestones are listed as follows.

Milestone 1 – complete the no-cost-to-student learning material update of IT 6833. Milestone date: 5/5/2020. Person responsible for the milestone: Dr. Lei Li.

Milestone 2 – complete project progress report. Milestone date: 5/5/2020 or date specified by ALG. Person responsible for the milestone: Dr. Lei Li.

Milestone 3 – teach the course using the newly developed learning material and collect student feedback. Milestone date: 7/15/2020. Person responsible for the milestone: Dr. Meng Han.

Milestone 4 – complete project final report. Milestone date: 7/30/2020 or date specified by ALG. Person responsible for the milestone: Dr. Lei Li.

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. Lei Li – course developer - \$2000

Dr. Meng Han - instructor of the record - \$2000

Equipment/travel - \$800.

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.