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 *

Camille Pace

Applicant Position *

Division Chair of Mathematics

Applicant Institution *

Georgia Highlands College

Applicant Email Address *

Please use your institutional email address.

cpace@highlands.edu

Other Team Members

Please provide both names and email addresses here.

Camille Pace (cpace@highlands.edu)
Laura Ralston (lralston@highlands.edu)

Type of Project *

◯ Revision of pre-existing OER

◉ Creation of ancillaries for pre-existing OER

◯ Other: ....

Course Number(s)

Math 1401

Course Title(s)

Elementary Statistics

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.

LibGuide will be updated (https://getlibraryhelp.highlands.edu/MATH1401)

Homework and Practice Problems in Desire-to-Learn

PowerPoints, extra notes and videos in Desire-to-Learn and on the LibGuide (https://getlibraryhelp.highlands.edu/MATH1401)

Project Description *

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

In preparation for the addition of MATH 1401, Elementary Statistics, in Area A of the core curriculum, the University System of Georgia is working with the DANA Center to establish a set of learning outcomes and content list for MATH 1401, Elementary Statistics. While the current MATH 1401 course at Georgia Highlands College was written based on the recommendations of the Academic Committee on Mathematical Subjects (ACMS), the GAISE report suggests additional topics not currently included in Georgia Highlands College's MATH 1401, Elementary Statistics; therefore, this mini-grant will allow the development of power points, videos, practice problems, homework problems, and other resources for those additional topics: process and vocabulary associated with an observational study and statistical experiment, refresher on decimals, fractions, and percents, basic probability using two-way tables, and Central Limit Theorem. These materials will be added to the master MATH 1401, Elementary Statistics, course within Brightspace's DesireToLearn (D2L) to be used by faculty teaching the course and will be added to the Library Guide (LibGuide) for the course. The textbook we are using is OpenStax Introductory Statistics and is free to our students.

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.

October 2019- January 2020: Laura Ralston and Camille Pace will develop the power points, extra notes, and videos outlined above.

February - March 2020: Laura Ralston and Camille Pace will build the practice problems and homework problems in Desire to Learn.

April - May 2020: Laura Ralston and Camille Pace will add the new materials to the master courses for Math 1401 and the libguide.

June - July 2020: Laura Ralston and Camille Pace will pilot the new material in summer semester and look analysis the initial results.

August 2020: Laura Ralston and Camille Pace will develop training on the new materials.

August 2020 - December 2020: GHC will implement changes to all Math 1401 courses.

December 2020: Laura Ralston and Camille Pace will run a final analysis looking at the success of the new material.

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.

$4000
$2000 for Laura Ralston (creation, implementation, and analysis of material)
$2000 for Camille Pace (creation, implementation, and analysis of material)

The additional resource money is unnecessary due to existing tools and software GHC owns and that we have access to.

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