**Affordable Learning Georgia Affordable Materials Grants
Continuous Improvement Grants Final Report**

*(or Mini-Grants, for R17 and earlier)*

# General Information

Date: 05/21/2022

Grant Round: 19

Grant Number: M169

Institution Name(s): Kennesaw State University

Team Members (Name, Title, Department, Institutions if different, and email address for each):

|  |  |  |
| --- | --- | --- |
| Team member | Name | Email address |
| Team member 1 | Richard Halstead-Nussloch | rhalstea@kennesaw.edu |
| Team member 2 | Ying Xie | yxie2@kennesaw.edu |
| Team member 3 | Chi Zhang | czhang4@kennesaw.edu |
| Team member 4 | Linh Le | lle13@kennesaw.edu |
| Team member 5 | Sarah Cooper | scoope92@kennesaw.edu |

Project Lead: Lei Li

Course Name(s) and Course Numbers:

IT 6413 IT Service Delivery

IT 6423 IT System Acquisition & Integration

IT 7133 Enterprise AI Applications

IT 7143 Cloud Analytics Technology

Final Semester of Project: Spring 2022

***If applicable to your project:***

Average Number of Students Per Course Section:

Number of Course Sections Affected by Implementation of Revised Resources:

Total Number of Students Affected by Implementation of Revised Resources:

# Project Narrative

*Describe the course of your revision or ancillary creation project, including*

* *A summary of your project’s purpose, plan, and timeline.*
* *The original works which were revised or added to, with links. For example, if you revised an open textbook, give the title, author, and link.*
* *A narrative description of how the project’s plan was carried out.*
* *Lessons learned, including anything you would do differently next time.*

In the project, we proposed to revise the OER material used in 2 IT courses in the project: IT 6413 and IT 6423 which were developed in round 11. We also proposed to develop the OER material for two new courses which will be added to MSIT curriculum on fall 2021: IT 7133 Enterprise AI Applications and IT 7143 Cloud Analytics Technology. The overall goal of this project is to create or update no-cost-to-students learning material that complies to the accessibility standard set up by Affordable Learning Georgia.

The project started in spring 2022 and completed by the end of spring 2022. With help of the instructional design in our team, OER material in IT 7133 and IT 7143 were developed and the existing OER material in IT 6413 and IT 6423 were revised according to the timeline laid out in our proposal. The newly developed course material was implemented in the classroom and students’ feedback was collected. As shown in the table below. Majority of students liked content of the material and the way they are organized. Moreover, students were overwhelmingly hold positive attitude towards the OER material over paid textbook. In summary, our project has been successfully implemented.

In term of lessons learned, we believe that it’s very important to have a department-wide and coordinated efforts in developing OER material for our courses.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | IT 6413 | IT 6423 | IT 7133 | IT 7143 |
| Question | Strongly agree | Agree | Strongly agree | Agree | Strongly agree | Agree | Strongly agree | Agree |
| In general, the learning modules were organized | 100% | 0% | 69% | 25% | 75% | 25% | 75% | 25% |
| The content, links and other leaning module materials were sufficient to help me learn. | 100% | 0% | 69% | 19% | 75% | 25% | 50% | 25% |
| I prefer using selected open source/free learning materials rather than a paid textbook for this course. | 100% | 0% | 63% | 31% | 75% | 25% | 50% | 25% |
| Overall, compared to a potential paid textbook, open resource learning materials provided the necessary assistance to learn the material. | 100% | 0% | 75% | 13% | 100% | 0% | 50% | 25% |

# Materials Description

*Describe all the materials you have created or revised as part of this project. These descriptions may be used in the* [OpenALG](https://alg.manifoldapp.org/) *repository description field. Include the* [*open license your materials will be shared under*](https://creativecommons.org/share-your-work/)*—for most materials, this will be an Attribution 4.0 License (CC BY) as required in the Grants Request for Proposals.*

All the material involved in grant is under Attribution 4.0 license.

# Materials Links

*If you are hosting your materials in places other than OpenALG, please provide these links in this section. Otherwise, leave blank. Note: we cannot access D2L or Canvas links.*

IT 6413: <https://facultyweb.kennesaw.edu/lli13/alg/IT6413.zip>

IT 6423: <https://kennesawedu-my.sharepoint.com/personal/rhalstea_kennesaw_edu/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Frhalstea%5Fkennesaw%5Fedu%2FDocuments%2FALG%2FIT6423&ga=1>

IT 7133: <https://sites.google.com/view/it7133/>

IT 7143: <https://facultyweb.kennesaw.edu/lle13/IT7143%20Mateirals.zip>

# Future Plans

* *Describe any planned or actual papers, presentations, publications, or other professional activities that you expect to produce that reflect your work on this project.*
* *Describe any plans to revise or add to these materials in the future.*

We have published several papers and conducted several workshops on our Affordable Learning Georgia efforts in our previous grant. We have no plan to publish paper for this round. The department of Information Technology has involved in the USG’s Affordable Learning Georgia initiatives since round 1. Both our undergraduate programs (BSIT and BASIT) and graduate program (MSIT) are Zero-textbook-cost degrees (Z-degrees). A department-wide strategy has been developed and implemented to gradually update the content of the courses in our programs. We will build on past successes and continue participating in future ALG endeavors.