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

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

# General Information

Date: **15-AUG-2022**

Grant Round: **20**

Grant Number: **51279**

Institution Name(s): **VALDOSTA STATE UNIVERSITY**

Team Members (Name, Title, Department, Institutions if different, and email address for each): **SHAFAT MUBIN, ASSISTANT PROFESSSOR OF PHYSICS, DEPARTMENT OF PHYSICS, ASTRONOMY, GEOSCIENCES AND ENGINEERING TECHNOLOGY, VALDOSTA STATE UNIVERSITY, smubin@valdosta.edu**

Project Lead: **SHAFAT MUBIN**

Course Name(s) and Course Numbers: **PHYS 1111K: INTRODUCTORY PHYSICS I**

Final Semester of Project: **SUMMER 2022**

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

Average Number of Students Per Course Section: **25**

Number of Course Sections Affected by Implementation of Revised Resources: **2**

Total Number of Students Affected by Implementation of Revised Resources: **50**

# 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.*

Dr. Mubin primarily uses lecture slides for PHYS 1111K that contain course material supported by animations and media. Laser pointer highlighting and hand-written notes are provided during the course of a lecture. The goal of this project was to record and upload these lectures on Youtube as a complete lecture series, with audio transcriptions to be automatically generated.

The project was conducted during Spring 2022 and Summer 2022. Dr. Mubin recorded video lectures for the lecture slides used in this class and uploaded them as a playlist. The Youtube links have been included inside the lecture slides, and the slides have been uploaded on LibGuide (<https://libguides.valdosta.edu/c.php?g=441386&p=9227045>).

# 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.*

A set of lecture slides and their corresponding video lectures have been created and uploaded as part of this project.

# 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.*

LibGuide link: <https://libguides.valdosta.edu/c.php?g=441386&p=9227045> (under the tab titled “Powerpoint Slides and Video Lectures”)

# 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.*