# **IGNITE Co-Curricular Research Project Grant Budget**

Please provide as much detail as possible.

Organization / Student PI:	Engineering Physics Propulsion Lab (EPPL)/Jacob Romeo	
Project Title:	Proof of Design for the Advanced LASER Mining Array (ALMA)	

Total Amount Requested:	\$7,571.78
-------------------------	------------

Travel			
Expense	Amount		
Flight			
Rental Car / Other Ground Transportation			
Hotel			
Registration			
Total for Travel:	\$0		

## Justification:

For this research, there is no need for travel.

General Supplies			
Total:	\$0		

(Gen. Supplies - small, non-reusable items)

## Justification:

All supplies can and will be re-used, either for future research or donated to the physics department and the EPPL at the end of experimenting.

General Equipment			
Total:	\$7,571.78		

(Gen. Equipment - large, reusable items)

#### Justification:

All equipment we will be purchasing is under this category, due to the need for the larger equipment pieces such as the diode, control board, bragg gratings and fiber cable, PPE and protective equipment, etc. The control board comes with software drives in the purchase of the board, thus no expense is needed for software.

Computer Equipment			
Total:	\$0		

(Comp. Equipment - laptops, monitors, etc.)

### Justification:

The EPPL has computers available for use and all team members have laptops. Having the ability, if necessary, for them to download software needed for the control board.

Computer Software			
Total:	\$0		

(Comp. Software - Adobe, CATIA, etc.)

## Justification:

As of now, there is no current need for software packages or simulations. In the future these will be needed, but that will be funded via other resources.

Group Members (Please type names)						
First Name	Last Name	Student ID	ERAU Email Address	Undergraduate or Graduate Student (at time of application)	Undergraduate or Graduate Student (Fall 2023)	Anticipated Graduation (Term/Year)
Jacob	Romeo	2544074	romeoj@my.erau.edu	Undergrad	Undergrad	Spring/24
Joseph	DeMartini	2538403	demartj1@my.erau.edu	Undergrad	Undergrad	Spring/24
Phoebe	Fleshman	2540281	fleshmap@my.erau.edu	Undergrad	Undergrad	Spring/24
Nathan	Honderick	2596268	honderin@my.erau.edu	Undergrad	Undergrad	Spring/26