

LFIR # 1653

1. Project Title	Aerospace Center of Excellence	ACE)

2. Senate Sponsor Tom Wright

3. Date of Request 11/16/2021

4. Project/Program Description

EFSC proposes to expand its highly successful Aerospace Technology program on the Titusville campus with legislative support in the amount of \$1.2 million. The purpose is to address the rapidly growing aerospace workforce needs in north Brevard County. Expansion would allow the program to double in size and transition an underutilized gymnasium facility into the Aerospace Center of Excellence (ACE). The EFSC Titusville campus is ideally located adjacent to the Kennedy Space Center and the hub of the growing aerospace industry.

5. State Agency to receive requested funds

Department of Education

State Agency contacted? No

6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

Type of Funding	Amount
Operations	1,200,000
Fixed Capital Outlay	0
Total State Funds Requested	1,200,000

7. Total Project Cost for Fiscal Year 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage	
Total State Funds Requested (from question #6)	1,200,000	100%	
Matching Funds			
Federal	0	0%	
State (excluding the amount of this request)	0	0%	
Local	0	0%	
Other	0	0%	
Total Project Costs for Fiscal Year 2022-2023	1,200,000	100%	

8. Has this project previously received state funding? No

Fiscal Year	Amo	ount	Specific	Vetoed
(уууу-уу)	Recurring	Nonrecurring	Appropriation #	

9. Is future funding likely to be requested?

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?

Yes

No



If yes, indicate the amount of funds received and what the funds were used for.

EFSC was awarded \$25,317,902 for direct grants for students who incurred expenses due to the pandemic; and \$36,194,440 for 1. costs associated with the change in the delivery of instruction; 2. Personal Protective Equipment (PPE) to protect students, staff and faculty while on campus; 3. Expanding online access and capabilities; 4. Implementing social distancing standards; 5. Reimbursement for expenses incurred as a result of dealing with the pandemic; and 6. Recovery of lost operating revenue.

11. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/ Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/ Other	Funds will be used to obtain specialized equipment and furnishings to transition existing academic space into four specialty labs and to include electronics, metal fabrication, fluids, and composites.	1,200,000
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Majo	r Renovation:	
Construction/Renovation/Land/ Planning Engineering		0
Total State Funds Requested (m	ust equal total from question #6)	1,200,000

12. Program Performance

a. What specific purpose or goal will be achieved by the funds requested?

Expansion would allow the Aerospace Technology program to double in size and, therefore, better meet the workforce needs of the industry. The project will also transition an underutilized gymnasium facility on the Titusville campus into the Aerospace Center of Excellence (ACE).

b. What activities and services will be provided to meet the intended purpose of these funds?

The Aerospace Technology program is a two-year, full-time program that accepts a new cohort of students each fall and spring, alternating between daytime and evening classes to accommodate working individuals. Each year, the program graduates two classes of up to 16 individuals each running at full capacity.

c. What direct services will be provided to citizens by the appropriation project?

EFSC is an open-access school that serves students of all backgrounds. With its low tuition costs and extensive scholarship opportunities, EFSC is one of the most affordable institutions of higher learning in the State of Florida. The proposed expansion will allow residents from north Brevard, east Orange, and south Volusia counties greater access to aerospace educational opportunities and ultimately rewarding careers.

d. Who is the target population served by this project? How many individuals are expected to be served?

The demographics of individuals in the Aerospace Technology program over the last four academic years include average age 28.4 years; 85.2% male and 14.8% female. Ethnicity percentages are similar to that of the country as a whole. A similar demographic is expected to enroll in the expanded program.

e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will



be measured?

In addition to addressing workforce needs and providing expanded educational opportunities for students, the project will help to cultivate stronger and new industry partnerships. The benefits can be measured in many ways including participation in industry advisory committees which provide guidance on curriculum; subject matter experts; adjunct instructors; internship opportunities; student scholarships, equipment and material donations; and job placement.

f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties

for failing to meet deliverables or performance measures provided for the contract?

As a state college and a direct asset of the State of Florida, the state always possesses the option to decrease operational funding or demand closure or restructuring of programs if not in the best interests of its citizens.

13. The owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.

N/A



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14. Requestor Contact Information

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	b. Municipality and		Brevard			
	c. Organization Ty	pe				
	□For Profit Entity					
	□Non Profit 501(c	c)(3)				
	□Non Profit 501(c	:)(4)				
	□Local Entity					
	☑University or Co	llege				
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