



# The Florida Senate

## Local Funding Initiative Request - Fiscal Year 2018-2019

1. **Title of Project:** National Flight Academy

2. **Senate Sponsor:** Doug Broxson

3. **Date of Submission:** 11/28/2017

4. **Project/Program Description:**

The National Flight Academy (NFA) Gateway programs will introduce Florida students to various career pathways in engineering, aviation maintenance and cybersecurity through an immersive educational program designed to engage students through hands-on application and problem solving. The NFA Gateway project will involve program and curriculum development for the following programs to be delivered aboard the NFA's simulated aircraft carrier: an aviation maintenance one-day program that will utilize virtual reality technology to give students a glimpse of various aspects of aviation technological operations; a three-day workforce development program that will integrate career mentorship on behalf of local industry leaders in aviation, cybersecurity and engineering with the NFA's flagship mission planning educational program for school groups in underserved Florida school districts; a maker educational module that will further introduce students to various components and career pathways.

5. **State Agency Contacted?** Yes

a. If yes, which state agency? Department of Education

b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested?

6. **Amount of Non-recurring Requested for fiscal year 2018-19:**

Amount Requested for Operations	Amount Requested for Fixed Capital Outlay	Total Amount of Requested State Funds
421,495		421,495

7. **Type, amount and percent of matching funds available for this project for fiscal year 2018-19:**

Type	Amount	Percent
Federal	0	0.0%
State (excluding the amount of this request)	0	0.0%
Local	0	0.0%
Other	0	0.0%
TOTAL	0	0.0 %

8. **Total Project Cost for fiscal year 2018-19 (including the Total Amount of Requested State Funds):** 421,495

9. **Previous Year Funding Details:**



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- Has funding been provided in a previous state budget for this activity? Yes
- In the previous 5 fiscal years, how many years was funding provided? (Optional) 2
- What is the most recent fiscal year the project was funded? 2017-18
- Were the funds provided in the most recent fiscal year subsequently vetoed? No
- Complete the following Worksheet.

FY:	Input Prior FY Appropriation for this project for FY 2017-18 (If appropriated in FY 2017-18 enter the appropriated amount, even if vetoed.)		
	Column:	A	B
Funds Description:		Prior Year Recurring Funds *	Prior Year Nonrecurring Funds *
Input Amounts:			

### 10. Is future-year funding likely to be requested?

Yes

- If yes, indicate non-recurring amount per year.

\$421,495

### 11. Program Performance:

- What is the specific purpose or goal that will be achieved by the funds requested?

The goal of the National Flight Academy's Gateway programs is to inspire and engage students in fields of science, technology, engineering and mathematics through the delivery of immersive and innovative educational programs that highlight various career pathways for Florida students.

- What are the activities and services that will be provided to meet the intended purpose of these funds?

The NFA Gateway project will involve the delivery of the following programs aboard the NFA's simulated aircraft carrier: an aviation maintenance one-day program that will utilize virtual reality technology to give students a glimpse of various aspects of aviation technological operations; a three-day workforce development program for students in grades 6-8 that will integrate career mentorship on behalf of local industry leaders in aviation, cybersecurity and engineering with the NFA's flagship mission planning educational program for school groups in underserved Florida school districts; a maker educational module for students that will further introduce them to various career pathways in the engineering field of study. Also, NFA will provide a cyber-safety outreach program to elementary school students in order to educate safe utilization of online platforms and promote STEM-related fields of study as they relate to computer and internet technology career pathways.

- How will the funds be expended?



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Spending Category	Description	Amount
Administrative Costs		
<input checked="" type="checkbox"/> Executive Director/Project Head Salary and Benefits	Salaries and benefits will be used to partially fund the National Flight Academy's Director of Education and Grant Manager to oversee program and curriculum development of the project in order to track deliverables and asset usage.	42,840
<input type="checkbox"/> Other Salary and Benefits		
<input type="checkbox"/> Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> Consultants/Contracted Services/Study		
Operational Costs		
<input checked="" type="checkbox"/> Salary and Benefits	Salaries and benefits will be used to partially fund a software development manager, a quality assurance specialist, an educator, an Information Technology Tech and seasonal program staff in order to deliver program/curriculum development as well as program delivery to students.	180,829
<input checked="" type="checkbox"/> Expense/Equipment/Travel/Supplies/Other	Information Technology equipment and software will be purchased to support the program development of the project. Student materials and supplies will also be purchased in support of student program delivery associated with the project.	104,722



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<input checked="" type="checkbox"/> Consultants/Contracted Services/Study	Contracted service providers will be utilized to assist in the creation of the maker education modules as well as the aviation maintenance program.	93,104
Fixed Capital Construction/Major Renovation		
<input type="checkbox"/> Construction/Renovation/Land/Planning Engineering		
TOTAL		421,495

**d. What are the direct services to be provided to citizens by the appropriations project?**

Educational program services will be provided to Florida students through this appropriations project.

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

The target population served by this project is Florida students in grades 2-12. Based on annual data, NFA reached over 5,940 Florida students through its educational programs in 2016/2017 from the following counties: Escambia, Santa Rosa, Okaloosa, Walton, Bay, Leon, Nassau, Citrus, Hillsborough, Orange, Saint Johns, Indian River, Martin, Palm Beach, Broward, Miami-Dade, Pasco, Sarasota, Monroe. The National Flight Academy expects to serve a comparable amount of students through various aspects of this project's educational programs.

**f. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?**

The National Flight Academy performs educational assessments on all students that participate in the summer and spring six-day Deployment programs. NFA utilizes these assessments in order to determine students' STEM (science, technology, engineering, and mathematic)-based knowledge at the beginning and the end of the six-day program in order to measure retention of knowledge. This data is collected via Turning Technologies Response Cards that students utilize throughout their participation in the National Flight Academy program.

**g. 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 in the contract?**

In addition to penalties stipulated in the contract, contracting agency will not be considered for future contracts if they fail to meet deliverables or performance measures provided for in the contract.

**12. The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.**

N/A



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**13. Requestor Contact Information:**

- a. **Name:** Cassie Redmyer
- b. **Organization:** National Flight Academy
- c. **Email:** credmyer@nationalflightacademy.com
- d. **Phone Number:** (850)308-8936

**14. Recipient Contact Information:**

- a. **Organization:** National Flight Academy
- b. **County:** Statewide
- c. **Organization Type:**
  - ☐ For Profit
  - ☒ Non Profit 501(c) (3)
  - ☐ Non Profit 501(c) (4)
  - ☐ Local Entity
  - ☐ University or College
  - ☐ Other (Please specify)
- d. **Contact Name:** Cassie Redmyer
- e. **E-mail Address:** credmyer@nationalflightacademy.com
- f. **Phone Number:** (850)308-8936

**15. If there is a registered lobbyist, fill out the lobbyist information below.**

- a. **Name:** None
- b. **Firm:** None
- c. **Email:**
- d. **Phone Number:**