



The Florida Senate

Local Funding Initiative Request - Fiscal Year 2018-2019

1. **Title of Project:** Lake Sumter State College Math Emporium and Expansion of the RISE Summer Math Academy

2. **Senate Sponsor:** Dennis Baxley

3. **Date of Submission:** 11/15/2017

4. **Project/Program Description:**

The Lake Sumter State College (LSSC) Math Emporium is an individualized, flexible approach to teaching that reduces formal class lecture meetings and replaces them with an interactive technology-enhanced classroom featuring online materials and one-on-one demand personalized assistance from LSSC math faculty and professional assistants.

5. **State Agency Contacted?** No

a. If yes, which state agency?

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

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
310,000	40,000	350,000

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):** 350,000

9. **Previous Year Funding Details:**

a. Has funding been provided in a previous state budget for this activity? No

b. In the previous 5 fiscal years, how many years was funding provided? (Optional)

c. What is the most recent fiscal year the project was funded?



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- d. Were the funds provided in the most recent fiscal year subsequently vetoed?
e. 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	C
Funds Description:	Prior Year Recurring Funds *	Prior Year Nonrecurring Funds *	Total Funds Appropriated (Column A + Column B)
Input Amounts:			

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

Yes

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

\$350,000 Annually

11. Program Performance:

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

The LSSC Math Emporium delivery is an approach that reduces class lectures and replaces with interactive technology-enhanced classroom featuring online materials and one-on-one, on-demand assistance from LSSC math professionals. It now gives students a better opportunity in crucial gateway math courses and provides students in developmental math courses an option to complete courses at their own pace. LSSC has documented significant improvements in math courses with the Math Emporium method. For example, after implementation of the delivery model in College Algebra, the success rates increased over 20%.

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

The Lake Sumter State College Math Emporium is an individualized, flexible approach to teaching that reduces formal class lecture meetings and replaces them with an interactive technology-enhanced classroom featuring online materials and one-on-one on-demand personalized assistance from LSSC math faculty and professional assistants. The Math Emporium method now gives students in developmental math courses an opportunity to succeed at their own pace of learning.

- c. How will the funds be expended?

Spending Category	Description	Amount
Administrative Costs		



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<input type="checkbox"/> Executive Director/Project Head Salary and Benefits		
<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	Emporium Coordinator salary and benefits, Instructional Assistants salary and benefits, and Peer Assistants salary and benefits.	310,000
<input checked="" type="checkbox"/> Expense/Equipment/Travel/Supplies/Other	Travel, Equipment, Supplies and other expenses	40,000
<input type="checkbox"/> Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation		
<input type="checkbox"/> Construction/Renovation/Land/Planning Engineering		
TOTAL		350,000

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

The services provided to the citizens would be improved delivery and success in gateway college math courses at Lake-Sumter State College (LSSC) as well as providing the RISE Summer Math Academy to increase college participation rates.

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

The target population for this project would be the college students registered for algebra courses at LSSC using the emporium delivery method. Success in these gateway algebra courses is critical for entry into STEM related fields. The Lake-Sumter State College math emporiums serve over 1,500 students per year. The population for the RISE Summer Math Academy would be those students in the academic middle in high school that are underrepresented at Florida colleges. This academy currently serves 30-45 students per year, yet LSSC would like to expand the academy to over 75 students each year.

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



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The college expects to continue the high success rate in courses such as College Algebra. The innovative emporium delivery model improves student success in gateway algebra courses by approximately 20%. This accelerates our students STEM education and successful completion of a degree. Prior to the implementation of the emporium delivery model, the pass rate of Hispanic students in College Algebra (MAC1105) was 57.2% and African American students had a 46.7% pass rate. The emporium delivery, which utilizes targeted lecture in addition to required attendance in the emporium, was implemented in 2015. In the fall 2016 semester, Hispanic students had a pass rate of 76.5% in College Algebra (MAC1105) and African American student pass rate rose to 71.4% compared to 67.8% for Caucasian students. These leaps in success rates enable students to enroll in higher level STEM related courses sooner and complete associate degrees to prepare them for STEM related professions.

- 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?**

None

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.**

Lake Sumter State College

13. **Requestor Contact Information:**

- a. **Name:** Dr. Stanley Sidor
- b. **Organization:** Lake-Sumter State College
- c. **Email:** sidders@lssc.edu
- d. **Phone Number:** (352)365-3523

14. **Recipient Contact Information:**

- a. **Organization:** Lake Sumter State College
- b. **County:** Lake, Sumter
- 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:** Thom Kieft, Assoc VP
- e. **E-mail Address:** kieftt@lssc.edu
- f. **Phone Number:** (352)323-3670

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

- a. **Name:** Dr. Stanley
- b. **Firm:** Lake-Sumter State College



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c. Email: sidors@lssc.edu

d. Phone Number: [\(352\)365-3523](tel:(352)365-3523)