

Budget Detail Request - Fiscal Year 2016-17

Your request will not be officially submitted unless all questions and applicable sub parts are answered.

1. Title of Project: Miami-Dade College Cybersecurity Initiative
2. Date of Submission: 01/07/2016
3. House Member Sponsor(s): Jeanette Nunez

4. DETAILS OF AMOUNT REQUESTED:

- a. Has funding been provided in a previous state budget for this activity? No
If answer to 4a is ?NO? skip 4b and 4c and proceed to 4d
- b. What is the most recent fiscal year the project was funded?
- c. Were the funds provided in the most recent fiscal year subsequently vetoed? No
- d. Complete the following Project Request Worksheet to develop your request (Note that Column E will be the total of Recurring funds requested and Column F will be the total Nonrecurring funds requested, the sum of which is the Total of the Funds you are requesting in Column G):

| FY: | Input Prior Year Appropriation for this project for FY 2015-16 (If appropriated in FY 2015-16 enter the appropriated amount, even if vetoed.) | | | Develop New Funds Request for FY 2016-17 (If no new Recurring or Nonrecurring funding is requested, enter zeros.) | | | |
|--------------------|--|-------------------------------|--|--|---|---|--|
| | Column: A | B | C | D | E | F | G |
| Funds Description: | Prior Year Recurring Funds | Prior Year Nonrecurring Funds | Total Funds Appropriated (Recurring plus Nonrecurring: Column A + Column B) | Recurring Base Budget (Will equal non-vetoed amounts provided in Column A) | INCREASED or NEW Recurring Requested | TOTAL Nonrecurring Requested (Nonrecurring is one time funding & must be re-requested every year) | Total Funds Requested Over Base Funding (Recurring plus Nonrecurring: Column E + Column F) |
| Input Amounts: | | | | | 0 | 1,585,600 | 1,585,600 |

- e. New Nonrecurring Funding Requested for FY 16-17 will be used for:
 Operating Expenses Fixed Capital Construction Other one-time costs
- f. New Recurring Funding Requested for FY 16-17 will be used for:
 Operating Expenses Fixed Capital Construction Other one-time costs

5. Requester:

- a. Name: Victoria Hernandez
- b. Organization: Miami-Dade College
- c. Email: vhernand@mdc.edu
- d. Phone #: (305)298-4878

6. Organization or Name of Entity Receiving Funds:

- a. Name: Miami-Dade College
- b. County (County where funds are to be expended) Miami-Dade
- c. Service Area (Counties being served by the service(s) provided with funding) Miami-Dade

7. Write a project description that will serve as a stand-alone summary of the project for legislative review. The description should summarize the entire project's intended purpose, the purpose of the funds requested (if request is a sub-part of the entire project), and most importantly the detail on how the funds requested will be spent - for example how much will be spent on positions and associated salaries, specifics on capital costs, and detail of operational expenses. The summary must list what local, regional or statewide interests or areas are served. It should also document the need for the funds, the community support and expected results when applicable. Be sure to include the type and amount of services as well as the number of the specific target population that will be served (such as number of home health visits to X, # of elderly, # of school aged children to receive mentoring, # of violent crime victims to receive once a week counseling etc.)

Miami Dade College's School of Engineering and Technology program is a direct pipeline composed of four complementing initiatives, cybersecurity training, cybersecurity laboratory, cybersecurity outreach, and partnerships.

1. Implement cybersecurity training, focusing on adoption of Check Point cybersecurity curricula, while integrating research on the teaching and learning of cybersecurity topics, methods and interventions leading towards scalable training models with plans for state-wide adoption.
2. Create a state of the art cybersecurity laboratory to support cybersecurity training as well as evaluation and deployment of cyber-resilient components and systems designed to withstand cyber-attacks.
3. Establish cybersecurity outreach model with middle and high school students, including training for teachers through summer camps and bridge programs to energize and attract the next generation of cybersecurity professionals.
4. Establish partnerships with government and relevant employment sectors leading to improved models for the integration of applied research experiences into cybersecurity training programs, including internship and employment opportunities for program graduates.

Requested Funds

Cybersecurity laboratory requires specialty equipment and implementation considerations, from privileged access rights on machines to execute security to the attainment of contained and independent network systems. In addition to the laboratory cost, the following table summarizes the estimate for the project implementation, and it also includes the cost for implementation of the cybersecurity training, cybersecurity outreach, and industry partnerships.

Project Implementation Cost Summary

Cybersecurity Initiative Funds Needed

- 5. Training \$240,000
- 6. Laboratory 995,600
- 7. Outreach 175,000
- 8. Partnerships 175,000
- 9. Total:\$1,585,600

Statewide Interests Served and Expected

The proposed project is supported by Check Point Software Technologies, a global leader in providing cybersecurity solutions to organizations worldwide, to include 150 Check Point local partners: Florida Power and Light, Office Depot, Royal Caribbean Cruise Line, Ryder, Spirit Airlines, and Miami Dade County to name a few, all in need of a local talent. With current trends surrounding cybersecurity needs, this cybersecurity initiative will graduate 250 trainees per academic year, significantly meeting the demand for local cybersecurity professionals.

8. Provide the total cost of the project for FY 2016-17 from all sources of funding:

Federal: 0

State: 0 (Excluding the requested Total Amount in #4d, Column G)

Local: 0

Other: 0

9. Is this a multi-year project requiring funding from the state for more than one year?

No