

**State University System
Florida Board of Governors
2017-2018 Legislative Budget Request Instructions
Forms I and II**

The main objective of Form I and Form II is to align the university's budget issues and dollar values with the goals and objectives of the strategic priorities and the 2016 University Work Plan established by each university.

For FY 2017-2018, each university should submit one Form I and Form II for each budget issue and any system-wide issue identified as a critical system-wide need. Any issues unique to a branch campus or a special unit (e.g., IFAS Workload Initiative) should not be rolled into the main campus request, but reflected separately by use of the forms provided.

For system-wide issues, consideration will be given to issues that allow for greater efficiencies through shared system resources or identified as a system-wide need. If requesting funds as such, please list all university participants of the initiative and check the box "Shared Services/System-Wide Issue".

For new issues identified by a university as a priority issue for 2017-2018, please check the box "New Issue for 2017-2018".

Please keep in mind that all issues submitted for consideration by the Board should align with the goals and objectives of the strategic priorities and work plan established by each university.

**State University System
Education and General
2017-2018 Legislative Budget Request
Form I**

University(s):	Florida Polytechnic University
Issue Title:	Faculty Hiring
Priority Number	2
Recurring Funds Requested:	\$5.5 million
Non-Recurring Funds Requested:	\$1.1 million
Total Funds Requested:	\$6.6 million
Please check the issue type below:	
Shared Services/System-Wide Issue for Fiscal Year 2017-2018	<input type="checkbox"/>
New Issue for Fiscal Year 2017-2018	<input checked="" type="checkbox"/>

- I. Description** – 1. Describe the service or program to be provided and how this issue aligns with the goals and objectives of the strategic priorities and the 2016 Work Plan established by your institution (include whether this is a new or expanded service/program). If expanded, what has been accomplished with the current service/program? 2. Describe any projected impact on academic programs, student enrollments, and student services.

Florida Polytechnic University was created to catalyze economic development in the state. The university’s mission statement embodies two main components of the strategy for doing so. First, Florida Poly faculty prepares 21st century learners in advanced fields of science, technology, engineering and mathematics (STEM). Second, the university’s faculty conduct leading-edge applied research resulting in marketable outcomes and the creation of companies with high paying, high-tech jobs. In addition, the faculty prepares students to become innovative problem-solvers and high-tech professionals who are job ready and who are lifetime employable.

Also, Florida Poly faculty engage in collaborative efforts with industries through local, regional and global partnerships. For example, in the university’s first year Harris Corporation contracted with Florida Poly faculty to conduct research on several topics including the “internet of things”. The “Internet of Things” is a project that Harris Corporation has been interested in doing for some time. As a result of the faculty’s initial results, the company

has contracted for additional research work with Florida Poly faculty. Other companies have also funded applied research with the university's faculty.

Faculty at Florida Poly, unlike most universities, are integrally involved in the Student Success Center. They fully participate in the center's efforts to identify and provide academic support to students who may need additional help to succeed. Their involvement was a major reason why our first year retention rate was 76%, which for an all STEM university is an amazing accomplishment.

Hiring top faculty requires Florida Poly to be able to offer competitive hiring packages. These packages include competitive salaries, initial funding for laboratories, graduate research and teaching assistants, and research equipment. Our efforts are made more demanding because we seek to hire faculty with industry and/or national laboratory experience making them more valuable. They have opportunities to work in the academic world or the industrial world and can therefore demand more competitive compensation packages.

Top faculty attract top students and leading technology firms. In turn, these students and technology firms lead to growth in the high-tech economy of Florida.

II. Return on Investment - *Describe the outcome(s) anticipated, dashboard indicator(s) to be improved, or return on investment. Be specific. For example, if this issue focuses on improving retention rates, indicate the current retention rate and the expected increase in the retention rate. Similarly, if it focuses on expanding access to academic programs or student services, indicate the current and expected outcomes.*

Two major outcomes are expected if this issue is funded. First, Florida Poly will be able to continue building its project based curriculum which prepares students to be productive as soon as they are hired. Second, the rate of growth of the research enterprise at Florida Poly will continue to increase.

A project based curriculum provides better talent to support the high tech industry in Florida. It has been well documented that having access to top quality STEM graduates is a key factor for companies looking for a state in which to locate or to grow existing firms. In addition, having faculty and students work on problems currently faced by our industry partners helps those firms to become more competitive in the global marketplace.

Increases in the rate of growth of the research enterprise magnifies the economic impact of the university's research. In a 2011, the Board of Governors calculated that state funded research generated \$3 in the economy for every \$1 invested. A faster growth rate means a faster growing economy.

III. Facilities *(If this issue requires an expansion or construction of a facility, please complete the following table.):*

	Facility Project Title	Fiscal Year	Amount Requested	Priority Number
1.	N/A			
2.	N/A			

2017-2018 Legislative Budget Request
Education and General
Position and Fiscal Summary
Operating Budget Form II
 (to be completed for each issue)

University: Florida Polytechnic University
Issue Title: Faculty Hiring

	<u>RECURRING</u>	<u>NON- RECURRING</u>	<u>TOTAL</u>
<u>Positions</u>			
Faculty	22.00	0.00	22.00
Other (A&P/USPS)	0.00	0.00	0.00
	-----	-----	-----
Total	22.00	0.00	22.00
	=====	=====	=====
<u>Salary Rate (for all positions noted above)</u>			
Faculty	\$3,212,000	\$0	\$3,212,000
Other (A&P/USPS)	\$0	\$0	\$0
	-----	-----	-----
Total	\$3,212,000	\$0	\$3,212,000
	=====	=====	=====
Salaries and Benefits	\$4,368,320	\$0	\$4,368,320
Other Personal Services	\$660,000	\$0	\$660,000
Expenses	\$1,540,000	\$0	\$1,540,000
Operating Capital Outlay	\$0	\$0	\$0
Electronic Data Processing	\$31,680	\$0	\$31,680
Special Category (Specific)	\$0	\$0	\$0
	\$0	\$0	\$0
	\$0	\$0	\$0
	\$0	\$0	\$0
	-----	-----	-----
Total All Categories	\$6,600,000	\$0	\$6,600,000
	=====	=====	=====

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For system-wide issues, consideration will be given to issues that allow for greater efficiencies through shared system resources or identified as a system-wide need. If requesting funds as such, please list all university participants of the initiative and check the box "Shared Services/System-Wide Issue".

For new issues identified by a university as a priority issue for 2017-2018, please check the box "New Issue for 2017-2018".

Please keep in mind that all issues submitted for consideration by the Board should align with the goals and objectives of the strategic priorities and work plan established by each university.

**State University System
Education and General
2017-2018 Legislative Budget Request
Form I**

University(s):	Florida Polytechnic University
Issue Title:	Institute for Technology Entrepreneurship
Priority Number	1
Recurring Funds Requested:	\$5,000,000
Non-Recurring Funds Requested:	\$0
Total Funds Requested:	\$5,000,000
Please check the issue type below:	
Shared Services/System-Wide Issue for Fiscal Year 2017-2018	<input type="checkbox"/>
New Issue for Fiscal Year 2017-2018	<input checked="" type="checkbox"/>

- I. Description** - 1. Describe the service or program to be provided and how this issue aligns with the goals and objectives of the strategic priorities and the 2016 Work Plan established by your institution (include whether this is a new or expanded service/program). If expanded, what has been accomplished with the current service/program? 2. Describe any projected impact on academic programs, student enrollments, and student services.

The primary mission of the Entrepreneurship Center is to provide support to students in establishing their own STEM related businesses based on products and innovations that they develop. This center is a key objective of the number one strategy listed in the university's work plan to build research capacity by growing centers, institutes and laboratories. In addition, the Entrepreneurship Center supports the Board of Governors' strategic priorities to increase the number of patents awarded annually, the number of start-up companies, and research commercialization activities.

The institute will be established with the help of an advisory board consisting of successful entrepreneurs. This approach ensures that ITE takes advantage of the collective wisdom of people who have made very successful livings from their entrepreneurial efforts.

In the 2016-2017 fiscal year some of the \$2.5 million in nonrecurring funds appropriated during the 2016 legislative session, will be used to hire a consultant to lead development of institute's program mix and strategies for beginning operations.

Current funds will also be used to acquire some of the equipment needed in the Product Refinement and Prototyping Center.

- **Product Refinement and Prototyping Center** – Students, faculty, and industry partners use state of the art machines and tools to refine their technology inventions and build prototypes.
- **Corporate Operations Center** – Assistance is provided to help establish a company and understand legal, financial, manufacturing, and, sales aspects of running a successful business. Successful business people serve as models and provide much of the information.
- **Center for Research Commercialization** – Inventors and innovators receive support in the process of introducing their products to the market. The assistance includes identifying opportunities, protecting intellectual and other property, planning, hiring, funding, and logistics.

The Entrepreneurship Center would provide a host of support programs and information to help students plan, implement and develop businesses for commercializing their products. Basic support will include education and training on the process of establishing a business, understanding small business leadership and management, legal requirements and writing business plans. Mentors from the faculty and business community will serve as mentors thereby increasing the odds of success.

Students will be introduced to various organizations and people who fund startup companies at various stages of growth to help them understand various alternatives for financing startup companies. The university would also host competitions during which students would present their ideas with the opportunity for the winner to win startup funds.

II. Return on Investment - Describe the outcome(s) anticipated, dashboard indicator(s) to be improved, or return on investment. *Be specific.* For example, if this issue focuses on improving retention rates, indicate the current retention rate and the expected increase in the retention rate. Similarly, if it focuses on expanding access to academic programs or student services, indicate the current and expected outcomes.

We expect that the Entrepreneurship Center will result in some of the university’s students establishing viable Florida-based companies and employing workers in high-tech fields with above average wages. Our goal is that 10% of Florida Poly’s graduates will start STEM related companies and another 15% will work in STEM related start-up companies.

III. Facilities (If this issue requires an expansion or construction of a facility, please complete the following table.):

	Facility Project Title	Fiscal Year	Amount Requested	Priority Number
1.	N/A			
2.	N/A			

2017-2018 Legislative Budget Request
Education and General
Position and Fiscal Summary
Operating Budget Form II
 (to be completed for each issue)

University: Florida Polytechnic University
Issue Title: Institute for Technology Entrepreneurship

	<u>RECURRING</u>	<u>NON-RECURRING</u>	<u>TOTAL</u>
<u>Positions</u>			
Faculty	2.00	0.00	2.00
Other (A&P/USPS)	2.00	0.00	2.00
	-----	-----	-----
Total	4.00	0.00	4.00
	=====	=====	=====
<u>Salary Rate (for all positions noted above)</u>			
Faculty	\$492,000	\$0	\$492,000
Other (A&P/USPS)	\$125,000	\$0	\$125,000
	-----	-----	-----
Total	\$617,000	\$0	\$617,000
	=====	=====	=====
Salaries and Benefits	\$839,120	\$0	\$839,120
Other Personal Services	\$300,000	\$0	\$300,000
Expenses	\$2,400,000	\$0	\$2,400,000
Operating Capital Outlay	\$1,210,880	\$0	\$1,210,880
Electronic Data Processing	\$250,000	\$0	\$250,000
Special Category (Specific)	\$0	\$0	\$0
	\$0	\$0	\$0
	\$0	\$0	\$0
	\$0	\$0	\$0
	-----	-----	-----
Total All Categories	\$5,000,000	\$0	\$5,000,000
	=====	=====	=====