



# Monthly Update to the Select Committee on Florida Polytechnic University

## Implementation Tracking Report (October 2014)

Implementation Status Summary			
Criteria	Issues	Completed	Good Progress
A. STEM Academic Programs	5	5	XX
B. Student Enrollment	4	2	2
C. Administrative Capability	2	2	XX
D. Accreditation	5	1	1 (3 not begun)
E. Discipline Specific Accreditation	1		(1 not begun)
F. Facilities & Construction	3	2	1
TOTAL	20	12	8

**Legend:**



Completed



Good Progress





Slow Progress



Poor Progress

<b>Criterion A – Initial Development of New STEM Programs</b>		
Statutory Due Date: 12/31/2016		Progress Indicator
<b>A1</b> - New degree program proposals approved by the Florida Polytechnic university Board of Trustees	<b>January 2014: COMPLETED</b> - Program proposals were considered and approved by the Academic Affairs Committee of the Florida Polytechnic University Board of Trustees.	✓
<b>A2</b> - New degree program proposals reviewed by BOG staff for inclusion in the SUS Academic Degree Program Inventory.	<b>February 2014: COMPLETED</b> – BOG has accepted the new degree program proposals and entered them into the SUS Academic Degree Program Inventory.	✓
<b>A3</b> – Prerequisite courses approved by the Oversight Committee of the Articulation Coordinating Committee (ACC) and the ACC itself.	<b>July 2014:</b> The Oversight Committee voted to approve the University's prerequisite courses. The ACC approved the University's prerequisite courses on June 28, 2014.	✓
<b>A4</b> – All college credit courses are entered into the Statewide Course Numbering System.	<p><b>July 2014:</b> All courses have been approved by the Statewide Course Numbering System. DOE has begun entering the University's courses in the Common Course Numbering System.</p> <p><b>August 2014:</b> Courses continue to be input into the Common Course Numbering System.</p> <p><b>September 2014:</b> Courses have been input into the Common Course Numbering System.</p>	✓
<b>A5</b> – Program faculty and general education faculty are in place.	<p><b>July 2014:</b> Sufficient program faculty are in place to develop curricula. We have hired 23 of 25 fulltime faculty<sup>1</sup>. Fifteen adjunct faculty have been selected and ten have been signed.</p> <p><b>August 2014:</b> Ten of the 15 selected adjunct faculty have been signed.</p> <p><b>September 2014:</b> All full-time and adjunct faculty have been hired (23 full-time and 18 adjunct).</p>	✓

<sup>1</sup>Florida Poly needs 25 instead of 30 fulltime faculty because of a higher than projected number of freshmen admitted.

Criterion B – Enrollment of 1,244 FTE		
Statutory Due Date: 12/31/2016		Progress Indicator
<b>B1 – Total students enrolled</b> (Benchmark: Drop/Add)	<p><b>Fall 2014:</b> Total headcount – 554 (Exceeds goal by 10%) Undergraduate Total 528: full-time-523 (94%); part-time-5 (1%) FTIC total: full-time 394; part-time 0; other 14 Transfers: full-time 115; part-time 5 Graduate Total 26: full-time 20; part-time 6 Gender: male 465 (84%); female 76 (14%); unreported 13 (3%) Race: American Indian 9 (2%); Asian 21 (4%); Black/African American 42 (8%); Native Hawaiian/Other Pacific Islander 4 (1%); White 445 (80%); Unreported 33 (6%) Ethnicity: Hispanic/Latino 103 (19%); Non-Hispanic/Latino 433 (78%); Unreported 18 (3%) In-State Students: 503; Out-of-State Students: 25; Not validated: 26</p> <p><b>Spring 2015:</b> Status Reporting Date <b>Summer 2015:</b> Status Reporting Date <b>Fall 2015:</b> Status Reporting Date <b>January 2016:</b> Status Reporting Date <b>Summer 2016:</b> Status Reporting Date <b>Fall 2016:</b> Status Reporting Date</p>	
<b>B2 – Number of completed applications</b> received	<p><b>February 2014:</b> 2,846<sup>1</sup> (exceeds the goal for applications ) <b>March 2014:</b> Status Reporting Date <b>April 2014:</b> Status Reporting Date <b>July 2014:</b> 2,983<sup>1</sup> (119% of goal for number of applications) <b>Spring 2015</b> (as of October 2014): 141 Fall 2015 (as of October 2014): 424</p>	✓
<b>B3 – Number of students admitted</b>	<p><b>February 2014:</b> 922<sup>1</sup> (90% of the goal to be admitted) <b>March 2014:</b> Status Reporting Date <b>April 2014:</b> Status Reporting Date <b>July 2014:</b> 1,029<sup>1</sup> (100% of the goal for the number of students expected to be admitted) <b>Spring 2015</b> (as of October 2014): 29 – 10 Deposits; goal 75 Fall 2015 (as of October 2014): 50 (7 Deposits)</p>	✓
<b>B4 –Actual enrollments in each degree</b> program.	<p><b>August 2014 (Drop/Add):</b> Computer Engineering, BS - 89 Electrical Engineering, BS - 63 Mechanical &amp; Industrial Engineering, BS - 127 Engineering, MS – 10 Advanced Technology, BS – 34 Computer Science &amp; Information Technology, BS – 175 Science &amp; Technology Management, BS 15 Innovation &amp; Technology, MS 16 Not Validated - 25</p>	

<sup>1</sup>As of July 30, 2014

Criterion C – Administrative Capability		
Statutory Due Date: 12/31/2016		Progress Indicator
C1 – Capability to administer financial aid, admissions, and student support.	Fall 2014: Florida Polytechnic University has established offices for financial aid, admissions and student services.	✓
C2 – Capability to administer information technology, and finance & accounting with internal audit function.	Fall 2014: Florida Polytechnic University has a shared services agreement with UF and has hired an Executive Budget Director and a CIO.	✓


Criterion D - Accreditation		
Statutory Due Date: 12/31/2016		Progress Indicator
D1 – Pre-Application Workshop	December 2013: COMPLETED - A Florida Polytechnic University team attended the pre-accreditation workshop in Atlanta.	✓
D2 - Submit application for regional accreditation.	<p>July 2014: Florida Polytechnic University has engaged a technical advisor to assist with preparing the application for regional accreditation.</p> <p>August 2014: The third draft of the application is being reviewed.</p> <p>September 2014: The third draft was completed and was reviewed by the University's accreditation consultant.</p> <p>October 2014: The Fourth draft of the application is being developed.</p>	●
D3 – Regional accreditor Candidacy site visit.	June 2015: Status Reporting Date	TBD
D4 – Regional accreditor site visit.	June 2016: Status Reporting Date	TBD
D5 – Regional accreditor decision on accreditation.	December 2016: Status Reporting Date	TBD

TBD – To Be Determined (no data or information currently exists to make a determination about progress)

Criterion E – Seek Discipline Specific Accreditation		
Statutory Due Date: 12/31/2016		Progress Indicator
E1 – Contact discipline specific accrediting bodies.	Fall 2014: Status Reporting Date	TBD

TBD – To Be Determined (no data or information currently exists to make a determination about progress)

## Criterion F – Facilities and Infrastructure

Statutory Due Date: 12/31/2016		Progress Indicator
<b>F1</b> – Complete the Innovation, Science and Technology Building for Fall 2014 start of classes.	<p><b>February 2014:</b> On time and within budget</p> <ul style="list-style-type: none"> <li>Construction phase substantially complete by 6/30/2014</li> <li>Owner move-in 7/1/2014</li> <li>Final completion by 7/30/2014</li> <li>Site substantial completion 8/29/2014</li> <li>Final completion 10/31/2014</li> </ul> <p><b>June 2014:</b> Building is 90% complete.</p> <p><b>July 2014:</b> Building is 94% complete. Staff moved into the IST in July 2014. Furniture has been moved in. Wood flooring is completed. Lab equipment is being installed.</p> <p><b>August 2014:</b> Building is 98% complete. The punch list items and training remain to be completed. A substantial completion certificate was issued on June 30, 2014 and the University controls the building.</p> <p><b>September 2014:</b> Building is complete except for punch list items.</p>	
<b>F2</b> – Complete the Residence Hall for 240 students.	<p><b>February 2014:</b> On time and within budget. Public/Private partnership.</p> <ul style="list-style-type: none"> <li>Final completion move-in by 8/18/2014*</li> <li>School starts 8/25/2014</li> </ul> <p><b>June 2014:</b> Outside enclosure complete. Most windows installed. Roof is on. Stucco has begun. Interior drywall 40% complete.</p> <p><b>July 2014:</b> Outside enclosure complete. Most windows installed. Roof is on. Stucco has begun. Interior drywall 60% complete. Furniture began arriving.</p> <p><b>August 2014:</b> Construction is on pace to meet the August 20, 2014 student move-in date. Furniture and appliances have been installed. Air conditioning is running and permanent power is on.</p> <p><b>September 2014:</b> Construction is complete and all 241 beds are occupied as of the target move-in date of August 20, 2014.</p>	✓
<b>F3</b> – Complete the Phase I of Wellness Center and other site facilities or infrastructure.	<p><b>Spring 2014:</b> Structural frame is up. Exterior complete on two sides. Underground utilities complete.</p> <p><b>Summer 2014:</b> Construction is on schedule to meet the substantial completion phase by August 30, 2014. Cafeteria build-out is nearing completion.</p> <p><b>Fall 2014:</b> The Wellness Center, Phase I is complete and operating as of the target date of August 20, 2014. It includes cafeteria, bookstore, exercise equipment, student services offices.</p>	✓

**Campus:** The University has occupied the IST building. Lakes are completed. Road around the campus is complete. Parking lots are complete. Campus Control Center is complete and operating. Admissions Center is complete and operating. Emergency call boxes are installed and operating. Roadway lights have been installed.

## Overview

Florida Polytechnic University was created when Governor Rick Scott signed SB 1994 on April 20, 2012. The STEM focused University has a College of Innovation and Technology and a College of Engineering, each offering three undergraduate degrees and three graduate degrees. Each degree has several concentrations from which students can choose to study. Concentrations such as Cloud Virtualization, Health Informatics and Nanotechnology are emerging fields and companies in those areas need the graduates that Florida Poly will produce.

## Grand Opening

The University held two events to celebrate the start of classes at Florida Polytechnic University. On August 15, 2014, in the Commons of the Innovation, Science, and Technology building, almost 500 people attended a fundraising event. Governor Wendy Link and Chancellor Marshall Criser attended the event on behalf of the Board of Governors. The foundation board played a MAJOR role in the events' success by serving as the major fundraisers over the past year.



We proudly reported that at the time of the event, the foundation and the PIVOT committee had raised \$1.8 million and with the generosity of an anonymous donor, in the form of a challenge match, those dollars are match eligible bringing the total raised to \$3.6 million.

The following morning, August 16, 2014 we officially “LAUNCHED” the University. The University’s immediate past Chair, Rob Gidel and COO, Ava Parker hosted the event. Governor Rick Scott, Commissioner Adam Putnam, Senator JD Alexander, Representative Seth McKeel, Governor Wendy Link and architect Santiago Calatrava spoke to the over 1,000 people who gathered to celebrate the grand opening.

## Criterion A – Initial Development of STEM Programs

### Faculty

Classes began on August 25, 2014 with 554 students (528 undergraduate; 26 graduate) and plans to have a student population of approximately 5,000 students at maturity. The inaugural class includes freshmen, transfer, and graduate students.

As of the start of classes, August 25, 2014, we have hired 23 full-time faculty and 18 adjunct faculty. These include faculty in technical areas as well as general education faculty.

### Academic Programs

Florida Poly has established a College of Engineering and a College of Innovation & Technology. The University offers six baccalaureate degrees, three each in both of the two colleges listed in Table 1. Also in Table 5 there are listed two Master’s degrees, one in each of the two colleges. The degrees and concentrations were selected because they address identified gaps in the future workforce, avoid unnecessary duplication and provide for synergies and interdisciplinary opportunities that will benefit students and the industries that will hire them.

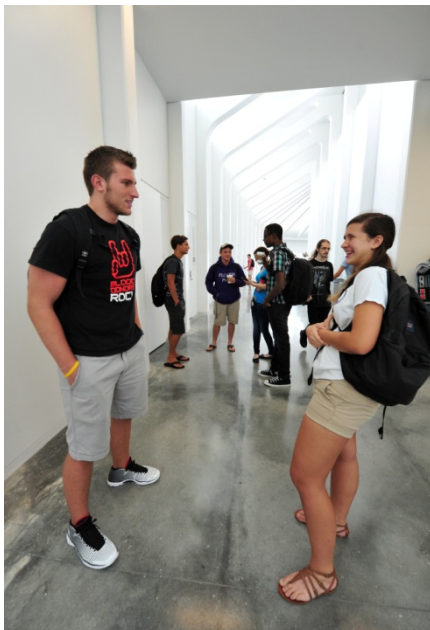


COLLEGE OF INNOVATION & TECHNOLOGY	COLLEGE OF ENGINEERING
<b>Bachelor of Science Degrees</b>	<b>Bachelor of Science Degrees</b>
<b>ADVANCED TECHNOLOGY</b> <i>with one of the following concentrations</i> Big Data Analytics Cloud Virtualization Health Informatics	<b>COMPUTER ENGINEERING</b> <i>with one of the following concentrations</i> Digital Logic Design Embedded System Design Machine Intelligence
<b>COMPUTER SCIENCE &amp; INFORMATION TECHNOLOGY</b> <i>with one of the following concentrations</i> Cyber Gaming Information Assurance & Cyber Security	<b>ELECTRICAL ENGINEERING</b> <i>with one of the following concentrations</i> Control Systems Digital & Hybrid Systems Electrodynamics Magnetics Semiconductors
<b>SCIENCE &amp; TECHNOLOGY MANAGEMENT</b> <i>with one of the following concentrations</i> Logistics Materials & Supply Chain	<b>MECHANICAL &amp; INDUSTRIAL ENGINEERING</b> <i>with one of the following concentrations</i> Geometric Dimensioning & Tolerancing Motion Intelligence Multifunctional Materials Nanotechnology
<b>Master of Science Degree</b>	<b>Master of Science Degree</b>
<b>INNOVATION &amp; TECHNOLOGY</b>	<b>ENGINEERING</b>

**Table 1: Florida Polytechnic University Colleges, Degree Programs and Concentrations**

### Enrollment of 1,244 FTE

A total of 554 students enrolled in the University for the Fall 2014 semester. This number exceeded the goal of 500 students set by the Board of Trustees. The inaugural class consisted of 528 undergraduate students and 26 graduate students.



Students living on campus moved into the apartment style dormitory on August 20, 2014. All 241 beds were filled within 60 days of them becoming available. The 219 units include three and four bedroom suites each having a washer, dryer, 50 inch television, and two full bathrooms. The dorm is designed to encourage collaboration among residents whether they are in their rooms or in the first floor common areas.





**Industry Partnerships:** Florida Polytechnic University will focus on innovation and building close partnerships with business and industry. Those partnerships will provide students with an opportunity to apply what they learn in the classroom to real world problems.

As of October 1, 2014, 78 companies have signed partnership agreements with Florida Poly.

Industry Partners	
Accusoft	Hall Communications
Allen & Company of Florida, Inc.	Harris Corporation
Manufacturers Association of Florida - Center for Advanced Manufacturing Excellence	JBT Foodtech
Mitsubishi Hitachi Power Systems Americas, Inc.	JDCPhosphate, Inc.
NanoSafe, Inc.	JL Marine Systems, Inc.
Sunbelt Forest Products Corporation	Lakeland Economic Development Council
TechData	Lakeland Linder Regional Airport
TestEquity, LLC	Lockheed Martin Missiles and Fire Control
352 Media Group	Madrid Engineering Group
A-C-T Environmental & Infrastructure, Inc.	Florida Hospital
AMEC	MakerBot Industries, LLC
Apex IT	Microsoft
ASI Chemical, Inc.	nanoComposix, Inc.
Brewer Science Inc.	Michigan Aerospace Corporation
Bright House Networks	NanoTecNexus
BRPH	Niagra Bottling, LLC
Central Florida Development Council	Omniscient Analytics, Inc.
Chastain Skillman	Pharmaworks, Inc.
Cipher Integrations	Prolexic Technologies
Cisco Systems, Inc.	Protected Trust, LLC
City of Lakeland	Qgiv, Inc.
CNP	QuantumSphere, Inc.
Coca-Cola Refreshments	Saddle Creek Logistics Services
Colo5, LLC	Softchoice
Cutrale	Sparxoo Agency
CSX	Steripack
Department of Transportation	Stryker
Digital Architecture	Sun-N-Fun
DSM Technology Consultants	MidFlorida Credit Union
Dynamo Micropower	Tampa Port Authority
Electronic Arts Tiburon	Mosaic
Greenovative Homes, LLC	Quadrant Information Security
GreenTechnologies LLC	Tektronix
The Nielson Companies	ThinkApps
United Data Technologies	The Story Companies
Versal Group	Welldyne
Crestron	Springmatter

VaultRMS, Inc.	TISTA Science & Technology Corporation
XpedX	Winter Haven Economic Development Council

### Facilities

Construction of Florida Poly's first building, the Innovation Science and Technology building (IST) is within budget and opened as planned for classes on August 25, 2014. The total appropriation for constructing the campus is \$134 million with \$60 million of that targeted for the IST.

The University's Board of Trustees submitted its approved CIP to the BOG on November 26, 2013. The CIP includes an Academic Research Center, a Student Achievement Center and a residence hall. An agreement with Vestcor Communities, Inc. (Vestcor) was approved by University Trustees on November 26, 2013 for the construction of a 219 bedroom residential hall on Florida Poly's campus. Under the public private partnership, Vestcor leases land on the University campus and is fully responsible for the financing, construction, operation and maintenance of the building. The agreement allowed for financing and construction of the residence hall while traditional funding sources were not readily available. The majority of the projects are considered "completed", and are in the formal close out process, with final payment balances below being made over the next several months.

**Table 6: Facilities Balances (September 2014)**

Component	Progress	Budget (Feb. 2014)	Budget (Revised March 2014)	Balance (Sept 2014)
IST Building	Completed	\$78.3 M	\$60.0 M <sup>1</sup>	\$1.4 M
Site and Infrastructure	On Schedule	\$40.0 M	\$40.0 M	\$ 1.7 M
Engineering, Design, Land, and other soft costs	Completed	-	\$22.0 M <sup>2</sup>	\$ 0.1 M
Campus Control Center	Completed	\$ 3.5 M	\$ 3.9 M	\$ 0.0 M
Classroom, laboratory- furniture, fixtures & equipment	Completed	\$ 7.0 M <sup>3</sup>	-	NA
Contingency	NA	\$ 1.9 M	\$ 2.9 M <sup>4</sup>	\$ 2.9 M <sup>5</sup>
<b>Total Original Projects</b>		<b>\$134.4 M</b>	<b>\$128.8 M<sup>6,8</sup></b>	<b>\$6.1 M</b>
Admissions Center	Completed	-	\$ 1.3 M	-
Housing Utilities and Integration	Completed	-	\$ 1.2 M	\$ 0.0 M
Wellness Center – Phase 1	Completed	-	\$ 4.5 M	\$0.8 M
Perimeter Fencing	Completed	-	\$ 0.4 M	\$ 0.0 M
<b>Total All Projects</b>		<b>\$134.4 M</b>	<b>\$136.2 M<sup>7,8</sup></b>	<b>\$ 6.9 M</b>

<sup>1</sup>Budget (\$18.3 M) for engineering, design, land and other soft costs were moved to a separate line.

<sup>2</sup>\$3.7 M in land related costs was erroneously left out of the last report and is included in the line for engineering, design, land and other soft costs bringing the total to \$22.0 M.

<sup>3</sup>Paid for through the State of Florida's Consolidated Equipment Financing Program

<sup>4</sup>\$1 M restored to contingency from classroom, laboratory- furniture, fixtures & equipment

<sup>5</sup>Balance reflects a change in funding source from contingency to donated funds

<sup>6</sup>\$6 M no longer budgeted from construction funds for classroom, laboratory- furniture, fixtures & equipment

<sup>7</sup>Includes budget for Admissions Center, housing utilities/integration, Wellness Center-Phase 1, perimeter fencing

<sup>8</sup>The University placed a cell phone signal amplification system in the CCC which enhances the cell phone reception within each of the buildings on the main campus. We also made modifications to the CCC to create space for the Campus Public Safety and Police Office.

The Residence Hall opened as planned to its first students on August 20, 2014. A total of 241 residents have filled the 219 bedrooms as some rooms were turned into shared rooms, and the developer and University continue to have requests for space if there are cancelations.

The process for updating the 2015-2025 Master Plan has begun with AMEC Consulting. The Evaluation and Appraisal Report and the Data Collection and Analysis updates have also begun.

