



---

# **Post-Secondary Education Subcommittee**

**November 8, 2017**

**1:30 PM**

**Mashburn Hall (306 HOB)**

**Meeting Packet**



## AGENDA

Post-Secondary Education Subcommittee  
Wednesday, November 8, 2017  
1:30 p.m. – 3:30 p.m.  
306 HOB

- I. Call to Order and Roll Call
- II. Opening Remarks
- III. Presentation on Florida Polytechnic University
  - Dr. Randy Avent – President, Florida Polytechnic University
- IV. Presentation on the Complete Florida Plus Program
  - Dr. Pam Northrup - Vice President, University of West Florida
- V. Closing Remarks and Adjournment





# FLORIDA POLYTECHNIC UNIVERSITY

## Update Post-Secondary Education Subcommittee Florida House of Representatives

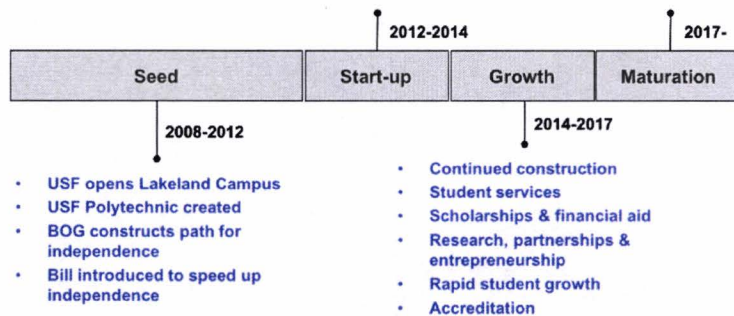
Randy Avent  
8 November 2017



FLORIDAPOLY

## Building a New University

- Early construction
- STEM curriculum/programs
- Scholarships for inaugural class



**Florida Poly awarded SACSCOC accreditation and completed all legislative requirements on time**



## Why a New University?

- **Florida's economy is largely dependent on agriculture, tourism and real estate**
  - STEM-based economy provides high-skill, high-wage workforce
  - Projected growth of STEM jobs up to five times faster than other occupations
- **Legislators are focused on University Return-On-Investment (ROI)**
  - Studies question role of universities in teaching problem-solving skills
  - Universities criticized for not addressing workforce preparation
- **New resources plugged into old processes and old values do not constitute change-capable organizations\***

\*Clay Christensen, Innovator's Dilemma



## Why a Polytechnic?

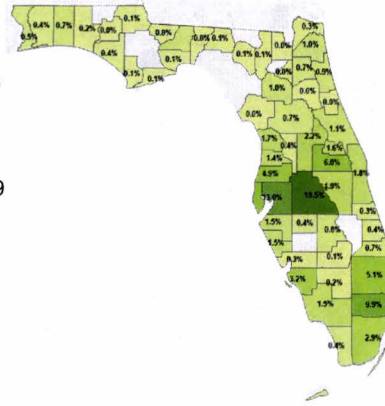
- **Deliver core STEM education in fast-growing high-technology areas**
- **Build environment that encourages problem-driven, applied research for near term impact**
- **Form industry and community partnerships for mutual benefit**

**Polytechnics are applied science programs with strong emphases on practice-based learning**



## By the Numbers

- **Population**
  - Total number of students is 1460
  - 1443 Undergraduate, 17 Graduate students
  - 96.8% in-state residents
- **Quality**
  - Average SAT (2017 incoming class) of 1269
  - FTIC retention of 72%
- **Demographics**
  - Racial diversity similar to peer institutions
  - Gender diversity improving; continues to be a challenge
- **Degree options**
  - Six degrees in engineering and applied sciences



**Florida Polytechnic was created as a statewide institution, not a regional university**



## Economic Impact

- **Industry partnerships**
  - Primary focus on Small and Medium Businesses (SMB)
  - Partnerships with over 200 businesses
  - Over 25 businesses provide ideas for student projects
- **Jobs**
  - All students have to complete an internship – this year we have 150 students interning with over 113 different companies
  - 29 graduates report employment or continuing education with an average starting salary of \$55K, nine still considering offers
- **Entrepreneurship**
  - Focus on engagement, start-up activities, support, curriculum, other outcomes ...
  - Consulted with over 70 student startups
  - Students placed in all entered competitions, placed second and third in prominent competitions (Florida Venture Forum & Governor's Cup)
  - Students won \$16.5K in seed funding





## Educational Growth Plans

- Grow student body between 2000 and 2500 students to improve sustainability & impact
- Double the number of majors and increase faculty by 75%
- Continue to recruit highly-qualified (over 1300 SAT) and diverse student body whose interests align with the University mission
- Improve student services (career, success, health) to improve retention and employability
- Bring all functions onto campus



## Growth Opportunities

- Florida Turnpike Enterprise SunTrax



- ① Toll Collection Testing
- ② Central Business District
- ③ High-Speed Freeway
- ④ Urban Arterial Environment
- ⑤ Residential, Rural & Freight

- Automotive industry facing a period of disruption
- Autonomous & Connected Vehicles (ACV) expected to be an \$87B industry
- Numerous states competing for share of this market



FLORIDAPOLY

## Legislative Budget Request 2017

- **Applied Research Center (\$26.696M)**
- **Institute for Intelligent Mobility (\$20M)**
- **Technology Education Model (\$4.5M)**
- **Sustainability for Economic Growth (\$4.4934M)**



**Thank you for all your support and work on our behalf to help Florida Poly grow the state economy**



FLORIDAPOLY

## Summary

- **Florida Poly begins the fourth phase of the “Business Life Cycle” this year**
  - Rapid growth slows while the University focuses on improving impact and outcomes
  - Key hires completed last year specifically to help mature the University
  - Poly continues to be a source of high-skill/high-wage jobs
- **Strategic planning for next phase will begin late January**
  - Includes administration, faculty & staff
  - Partners will be briefed to gather public input
- **University continues to be strong**
  - Regional accreditation is complete, programmatic accreditation is on-going
  - Important infrastructure investments are being made to position the University as a hybrid educational and research institution



**Complete Florida  
Plus Program**

## Visit Us At:



**Office:**  
1753 W. Paul Dirac Dr.  
Tallahassee, FL 32310  
850.922.6044

**Online:**  
FLVC.org

**Social Media:**



Dr. Pam Northrup, Vice President  
University of West Florida



A Complete Florida Plus Program



Providing Shared Educational Services  
for the State of Florida

powered by the Sunshine State

Get Help • About • Partners

# FloridaShines

Welcome to Florida's student  
hub of innovative educational  
services.

Everything under the sun  
you'll need to shine.



**Go to College**

Compare schools. Get admissions  
info. [Browse degree programs.](#)



**Succeed in College**

Review transcripts. Search libraries.  
[Find an online course.](#)



**Find a Career**

Take career assessments. Explore  
occupations. [Plan your future.](#)





What do you want to be when you grow up?  
MyCareerShines can help.

**454,406**

Registered Users

**769,165**

Completed Assessments

**5,827**

Teachers Trained

*Grades 6<sup>th</sup> through Adult  
July 1, 2015-October 31, 2017*

- Learn about yourself
- Explore careers
- Make a plan for education
- Prepare for work

1. REGISTER

2. Go to College

3. Succeed in College

4. Find a Career



## FIND A CAREER

MyCareerShines can help you land the career of your dreams. Learn about yourself. Explore careers. Make a plan for education. Prepare for work. It all starts here.



### Plan Your Future

Our online tools make planning easy. Take an assessment. Make a plan for education. Explore jobs. Prepare for work.



### Learn about Florida's Top Jobs

It's time to shine. Learn about the hot jobs in the Sunshine State.



### Earn an Industry Certification

Prepare for a successful professional career by earning an industry certification.



### Pursue a Profession in Healthcare

Cure illness. Keep people healthy. Make a medical breakthrough. Find your dream job in healthcare.



### Enter the Field of Education

Prepare students of all ages for

### Build a Career in Construction

Make Florida a great place to live.

## MAKE A PLAN

Register or log in to MyCareerShines **free** online education and career planning tools.

### Middle & High School Students

[Register or Log In](#)

### Parent Portal

(Middle and High School)

[Register or Log In](#)

### College & Adult Students

[Register or Log In](#)

### Job Seekers

[Register or Log In](#)

 Going to college and



**Information.** Career and Occupational data. Education and Experience requirements.

**Tutorials.** Tailored face-to-face and virtual training. How to use the system. How to ace that interview. All kinds. All purposes.

**Lesson Plans and Best Practices.** Teacher resources and materials.

**Resources and Materials.** Internal and external links for information and help. Information about salaries, and jobs in the state of Florida.

**Ed Planner.** Pathways to reach career dreams.

**Resume Builder.** Templates that showcase strengths.

**ePortfolio.** Resumes, Work Products, URLES that can be shared with instructors and potential employers.



Florida Academic  
Library Services  
Cooperative

SERVING NEARLY

**1.3**  
MILLION

STUDENTS, FACULTY,  
& STAFF ACROSS  
**FLORIDA**



**150+**  
CAMPUS  
LIBRARIES



**40**  
COLLEGES &  
UNIVERSITIES  
SERVED





THROUGH INTERLIBRARY LOAN

\$4.6  
MILLION

THROUGH CENTRALLY  
LICENSED E-RESOURCES

\$14  
MILLION

MORE THAN  
**3**  
MILLION  
LIBRARY MATERIALS  
CHECKED OUT  
ANNUALLY

**19**  
million searches for  
library materials  
per year  
**23**  
million searches  
of e-resources  
per year



  
**5,000+**  
library-related  
Help Desk requests  
per year

[www.FALSC.org](http://www.FALSC.org)

# VIRTUAL COLLEGE WEEK

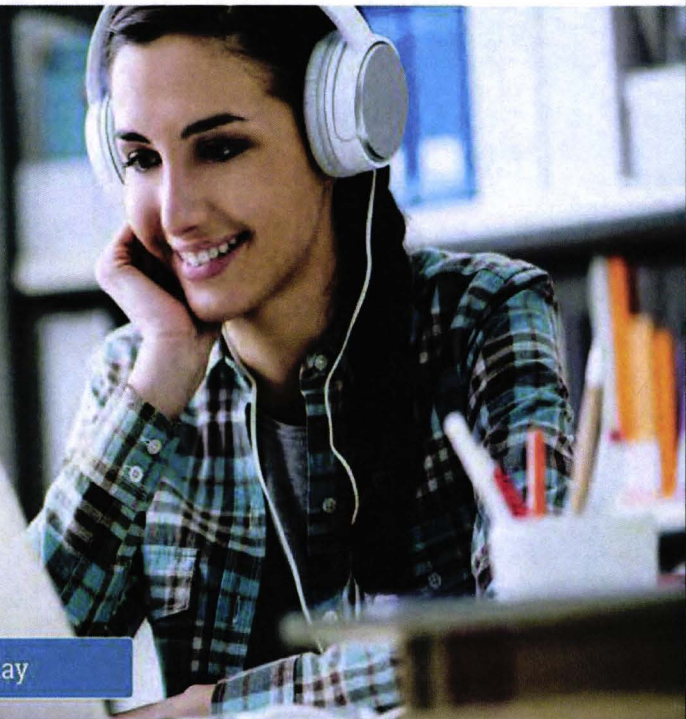
Presented by FloridaShines

October 24-26, 2017

There's still time to register for the free webinars. Find out what you need to know about preparing for college.

- Representation from the Florida State University System, Florida College System, Career and Adult Education, Bright Futures Scholarship Program, Department of Education & Florida's Colleges and Universities
- Over 200 total schools, districts, counties, institutions, and state organizations represented

Register Today





Home [My Personal Page](#) [Get Help](#) [About](#) [Partners](#)

**FloridaShines** [Go to College](#) [Succeed in College](#) [Find a Career](#)

**Course ID or Keywords**  
 Enter a course, subject or inst.  
 Examples: CHM3019Z, Accounting, Business Law

**Calendar Period** [Customize](#)  
 All Open

**Near Location** [Use Current](#)  
 Enter a location

**My Availability** [Customize](#)  
 Any time

**Registration Status**  
 Show only courses available for registration.

[Search](#) [New Search](#)

**Search Refinements**

- Subject
- Course Type
- Credit
- Delivery Method

[Save Search](#)

**2017 FALL**

**ACG 3024 - Accounting for Non-Financial Majors** (3.00 credits)  
 Institution: Daytona State College; Institution Type: Public College; Term: 2017 Fall; Instructor: Sarah Desormeaux  
 Delivery Method: Internet; Course Type: Credit; Subject: Accounting and Related Services

[Begin Application](#) [Add to Plan](#) [More Detail](#)

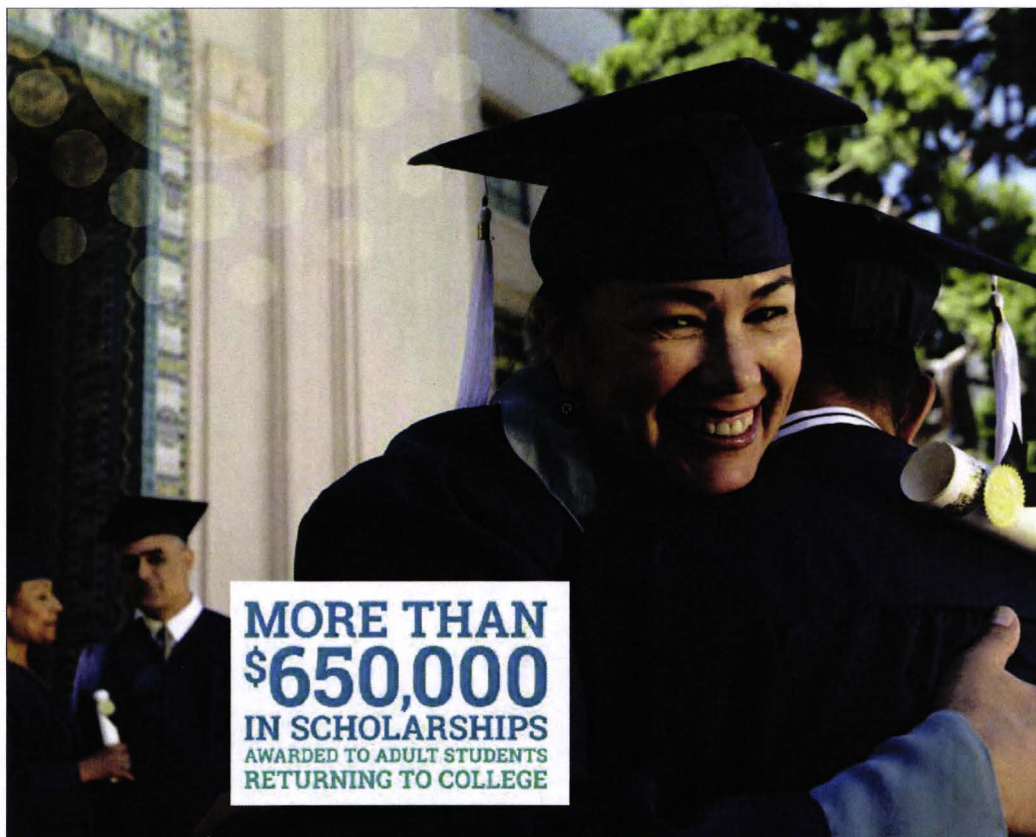
Applications are available to students from other FL public institutions. Current Daytona State College students must contact Daytona State College directly to apply.

**MAN 4741 - Agile Project Management** (3.00 credits)  
 Institution: Daytona State College; Institution Type: Public College; Term: 2017 Fall; Instructor: Grady Meeks  
 Delivery Method: Internet; Course Type: Credit; Subject: Accounting and Related Services

[Begin Application](#) [Add to Plan](#) [More Detail](#)

Applications are available to students from other FL public institutions. Current Daytona State College students must contact Daytona State College directly to apply.

**2016-2017 Courses Listed: 52,534**      **731 Degree Programs Listed**  
 3.89% Increase from previous year



Complete  Florida

Helping Adults Finish Their College Degree

**2,100**

Current Students

**7,000**

Applications

**5,200**

Working with Coaches



For more information, contact:

Dr. Pam Northrup, Vice President  
University of West Florida  
[pnorthrup@uwf.edu](mailto:pnorthrup@uwf.edu)

**UWF** | Division of Research  
and Strategic Innovation

