



Education Committee

Thursday, November 7, 2013

8:00 AM – 10:00 AM

102 HOB

Meeting Packet

Will Weatherford
Speaker

H. Marlene O'Toole
Chair



AGENDA

Education Committee

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8:00 a.m. – 10:00 a.m.

102 HOB

- I. Call to Order/Roll Call
- II. Opening Remarks
- III. Presentation on Massive Open Online Courses in K-12 by OPPAGA
- IV. Implementation update on the University of West Florida Degree Completion Project
- V. Implementation update on the University of Florida Online Institute
- VI. Closing Remarks and Adjournment



Massive Open Online Courses (MOOCs) in K-12 Education

House Education Committee

Jenny Wilhelm

November 7, 2013

What are MOOCs?

Definitions vary, but in general

- Online courses designed for large-scale participation
- Open access via the Internet
- No charge for the course
- Recorded traditional lectures
- Students have little to no interaction with instructor
- Students move through material at own pace
- Students typically do not earn credit

MOOCs Relationship to HB 7029

Included the Florida Approved Courses and Test Initiative (FACTS)

- Expanded student online course choices, including MOOCs
- Authorized MOOCs in subject areas with end-of-course exams
- DOE approves providers and courses; providers must meet several requirements, including
 - using Florida-certified teachers
 - having prior successful experience

MOOCs Potential Benefits to K-12 Education

Some advantages include

- Presenting schools with a way to supplement and enhance their current curriculum
- Enabling students to master skills at their own pace
- Helping students explore topics important to them and personalize their curricula to accomplish personal educational goals
- Increasing student digital literacy skills

MOOC Use at the K-12 Level in Florida is Limited

Florida school districts

- Pinellas
- Broward
- Miami-Dade
- Sumter

Pinellas School District Students Use a MOOC for College Readiness

- St. Petersburg College developed a MOOC for college students needing math remediation for the state's college readiness test (PERT)
 - Pinellas high school students are enrolled in the non-credit course
 - At the end of the course, students take a final assessment to determine if they mastered course content
- The college currently is developing MOOCs on specific course topics and concepts rather than the entire course

Broward School District Students Also Use a MOOC for College Readiness

- Broward College also developed a MOOC for college readiness
 - Provides students with a primer in college-level reading, writing, and math; can select individual content areas
 - Advertised through Broward school district as a way public school students can improve performance on the state's college readiness test (PERT)
 - High school students have made up half of enrollees since course began (June 2013)
- Broward College developing additional MOOCs
 - Game-based, engaging experience
 - Aimed at increasing college readiness of high school students and students entering college
 - Will be available statewide in fall 2014

Miami-Dade and Sumter – MOOCs in Classrooms

- One high school in the Miami-Dade school district is currently piloting a computer science MOOC
 - A teacher in the classroom helps students work through the MOOC
- Another high school in the Sumter school district used a MOOC on a temporary basis while waiting on instructional materials to arrive
 - Provided students with course-related activities so they would not get behind in learning material

University of Miami Global Academy Used MOOCs for Test Preparation

- SAT biology subject test preparation specifically for high school students
- AP calculus review
- Both MOOCs offered live
 - Open to all students, not just its own
 - Instructor taught and also answered questions (with moderator assistance)

MOOC Use at the K-12 Level Outside of Florida Also is Limited

Examples

- Massachusetts
- Ohio
- Brown University
- National Private Company (Amplify)

Massachusetts and Ohio Used MOOCs for Traditional Courses

- Massachusetts high school used to supplement curriculum with courses that normally wouldn't be available
 - Three courses: advanced biology, social justice, and Greek mythology
 - Students took courses in addition to their regular semester course load
- Ohio high school with a STEM focus combined a physics MOOC with classroom instruction

Brown University Offered Pre-College Engineering MOOC for K-12 Students

- Wanted to expose students to an engineering major because they do not know what is required of this major
- Provide something that is typically not available for high school students for free
- Not limited to recorded lectures; required students to complete interactive assignments
- Open to anyone
 - First time offered 500 students; second time offered 2,000 students

AP Computer Science MOOC Prepares K-12 Students for AP Exam

- Amplify (a national company) offers the free course
- Offered because of low access to the course in most high schools
- Taught by an experienced high school computer science teacher
- Provides two semesters of instruction
- As of September, 3,000 schools nationwide have signed up to offer the course

Considerations If Florida Were to Award Credit for MOOCs in Public Schools

- How will students demonstrate competency
- How will credit be awarded
- Alignment with state standards/frameworks
- Level of support offered to students
- Availability of student performance data
- Student course completion rates

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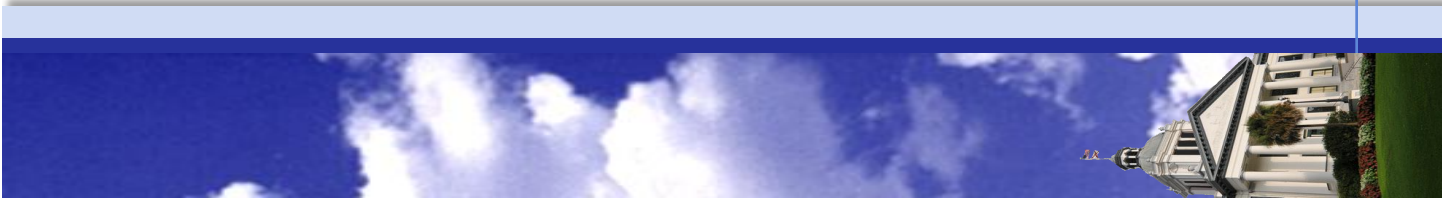
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THE FLORIDA LEGISLATURE'S OFFICE OF PROGRAM POLICY ANALYSIS & GOVERNMENT ACCOUNTABILITY
OPPAGA supports the Florida Legislature by providing data, evaluative research, and objective analyses that assist legislative budget and policy deliberations.





YOUR COMPLETE PATH TO A COLLEGE DEGREE.

Dr. Pam Northrup, Associate Provost
Executive Director, Innovation Institute
University of West Florida

Over 2 million adults have
stopped out of college in
Florida. It's time to

COMPLETE A DEGREE²



OUR CHARGE

**Recruit and
retain adults to
degree
completion**

**Recommend
streamlined
strategies for
admissions and
registration**

**Recommend
reduced
costs**

**Connect adults
to careers in
Florida**

PARTNERS



Private Institutions:

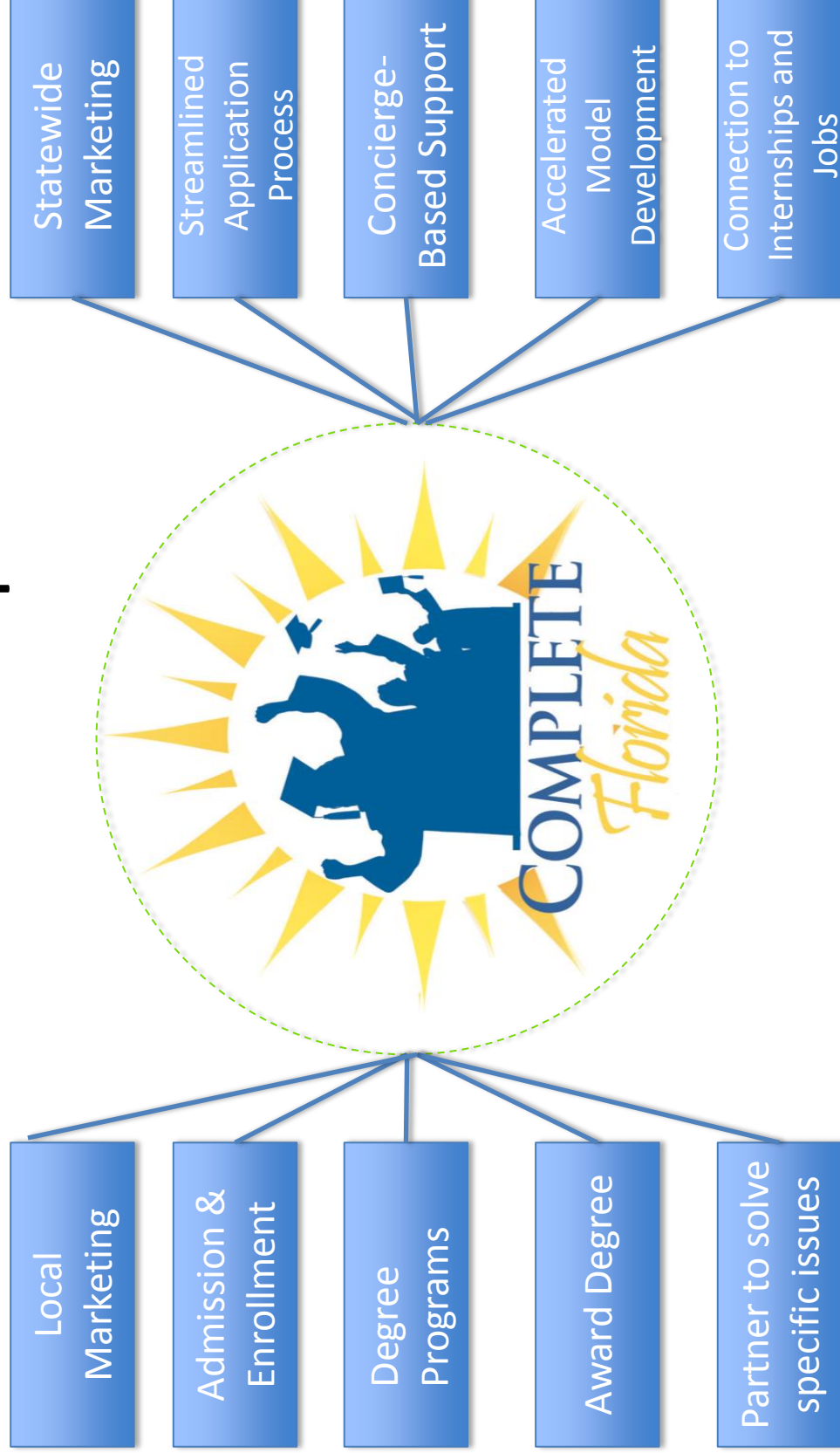
- St. Thomas University
- Palm Beach University
- Hodges University
- Barry University

OUR



Complete Florida Partnership

Partner Institution **Focused Services:**
UWF as Lead Institution



Prospective Students

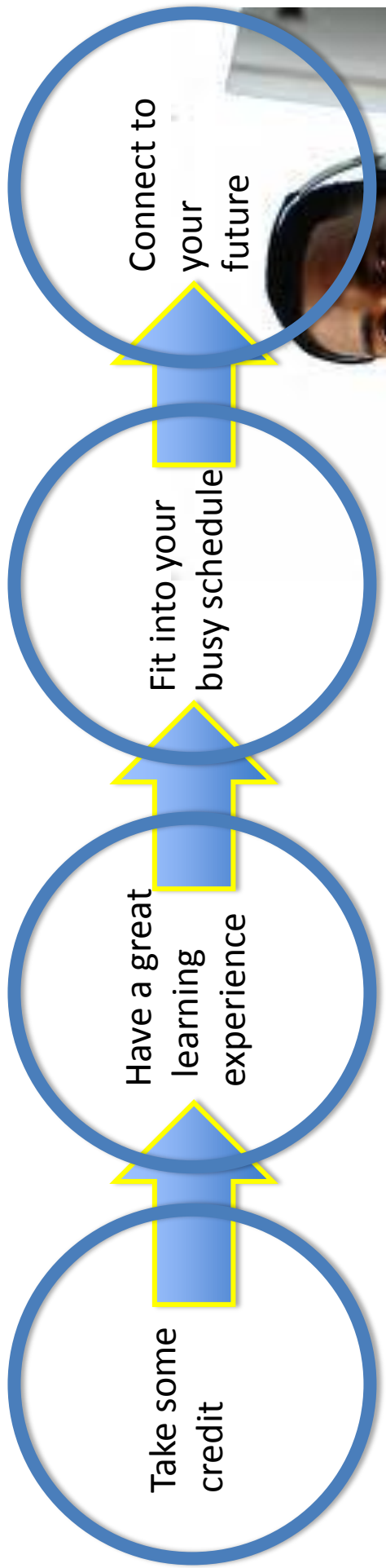




COMPLETE
FLORIDA is proud
to serve **active**
duty military and
veterans through
this program.



The COMPLETE FLORIDA Process



Take some credit

Have a great learning experience

Fit into your busy schedule

Connect to your future



COMPLETE FLORIDA offers degrees that match the workforce needs of the state.

Getting a degree provides a great opportunity for **future jobs and career advancement**



COMPLETE FLORIDA will offer

43+ FULLY ONLINE DEGREE PROGRAMS

Associate of Arts SPC, FSCJ and IRSC

Business and Management

- Management and Organizational Leadership, BAS, SPC
- Technology Management, BAS, SPC
- General Business, BS, UWF
- BBA Finance, FIU
- Supply Chain Management, AS, FSCJ
- Industrial Management Technology, AS, FSCJ
- Logistics, BAS, FSCJ
- Supervision and Management, BAS, FSCJ
- IT Management, BAS, FSCJ
- Organizational Management, BAS, IRSC
- Business Administration, BS, IRSC

Training and Development Specialists

- BBA Human Resource Management, FIU

Public Relations Specialists

- Communications Arts, Organizational Communications, B.A., FIU
- Converged Communications, BS, FSCJ
- English/Technical Communications, BA, UCF

Education

- Early Childhood Education, B.A., FIU
- Technical Education and Industry Training, BS, UCF
- Education, ESE, IRSC



COMPLETE FLORIDA will offer

43+ FULLY ONLINE DEGREE PROGRAMS

General Completion

- Career and Professional Education, BS, UWF Liberal Studies, B.A. FGCU
- Interdisciplinary Studies, BA/BS, UCF

Healthcare

- Healthcare Administration, BS, UWF
- Healthcare Informatics, AS, SPC
- Health Services Administrator, BAS
- BSN, FSCJ
- BSN, IRSC
- Nursing (AS to BSN and RN to BSN), UCF
- Health Services Administration, BS, UCF
- Health Science, BS FGCU

Information Technology

- Computer Networking, AS, SPC
- IT Security, AS, SPC
- Interdisciplinary Information Technology: Networking/Telecommunications, UWF
- Interdisciplinary Information Technology: Cyber Security, UWF
- Interdisciplinary Information Technology: GIS, UWF
- Computer Science, BS IRSC
- Bioinformatics, BS, FGCU
- Computer Forensics, BS, FGCU

Professional Studies/Social Science

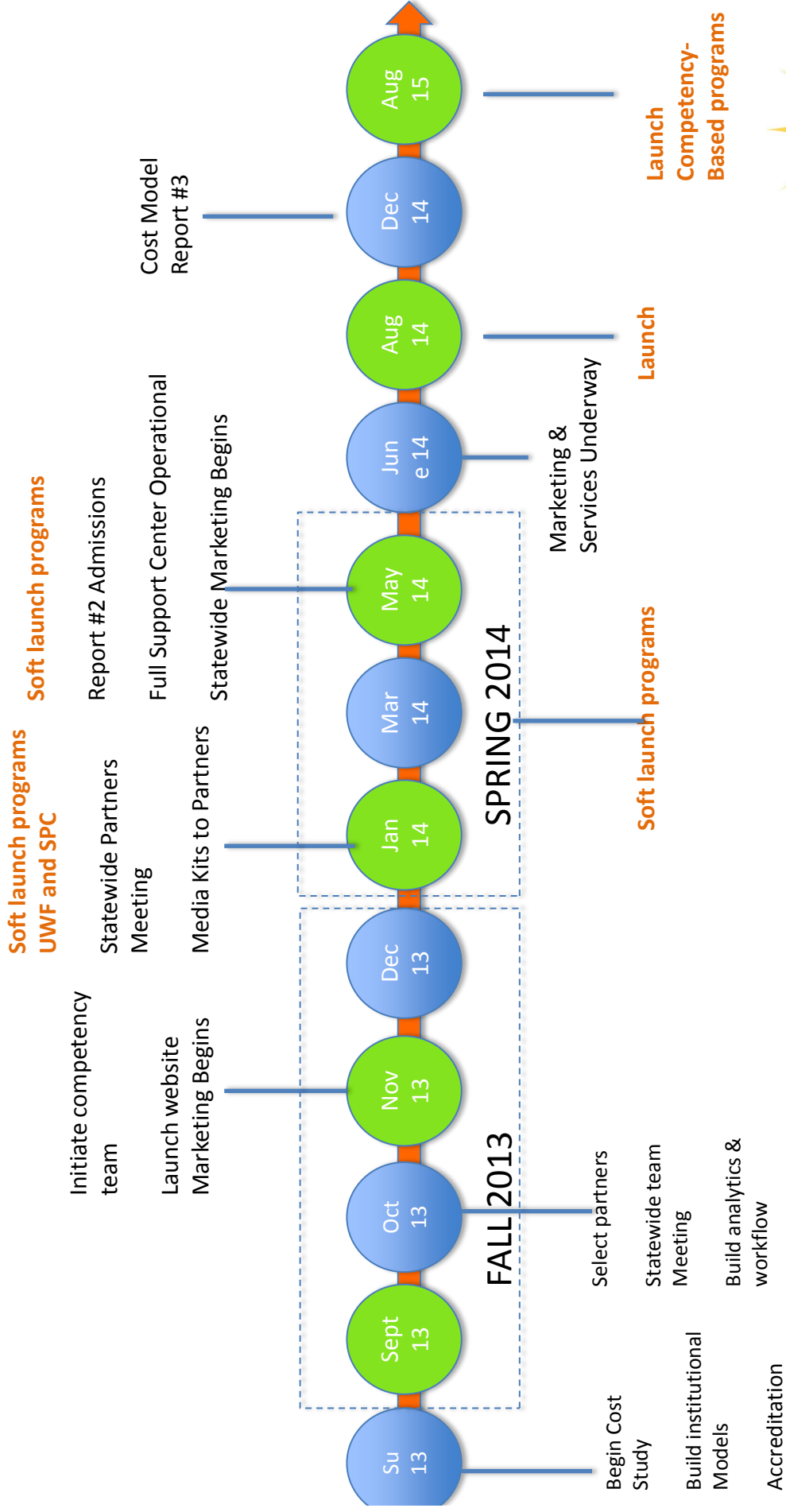
- Criminal Justice, B.S. UCF
- Legal Studies, B.S. FGCU
- Fire Science, AS, SPC



COMPLETE FLORIDA will partner
with industry around the state to
**send employees back to
school in teams.**



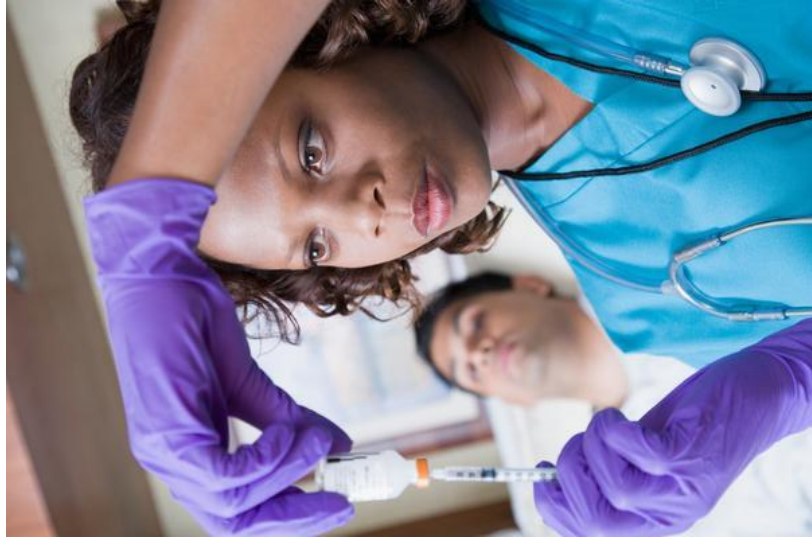
Timeline



6 STARTS PER YEAR ----- ACCELERATED ----- FULLY ONLINE PROGRAMS FOR ADULTS



Metrics for Success



- Targeted workforce occupations
- Student recruitment metrics
- Student/advisor/employer contacts
- Partner institution programs
- Advising
- FLVC catalog (courses and programs)
- Student persistence and success
- Jobs in degree field

Barriers for Adult Learners: Regulatory Relief Needed

- Excess Credit Hours
 - Waiver for Complete Florida students
- Language Requirement
 - Waiver for Complete Florida students
- Holds on transcripts due to 'holds' from former institutions
 - Parking ticket fines
 - Library book fines
- Cost models
 - ½ time Block
 - Monthly pricing
 - Bi-annual pricing



For more information about Complete Florida, contact



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THE UNIVERSITY OF FLORIDA



UF UNIVERSITY of
FLORIDA

UF Online

A New Option for Florida's College Students

UF President Bernie Machen
Florida House Education Committee
November 7, 2013

Background

UF Online created by SB 1076 to increase access to H-E, reduce its cost

Requires high-quality, fully online, four-year programs for qualified undergraduates

Florida students pay 75 percent of regular tuition (out-of-state students pay market rates)

Provides \$10 million to UF for startup costs and \$5 million for operations annually

Oversight

UF Online overseen by Florida Board of Governors
five-member advisory board

Board monitors progress; reports on implementation;
and advises on release of funding to university

Last month, full BOG approved UF comprehensive
business plan

Implementation

UF Online Executive Director Betty Phillips to start in January

UF to offer five degree programs in January; two more in September

- Business Administration
- Criminology and Law
- Environmental Management
- Health education and behavior
- Sports Management
- Biology
- Psychology

Thirty degree programs to be offered by 2018-19 reflecting workforce needs and student demands

Future Goals

Modest expectations for January enrollment due to accelerated timeline

In ten years ...

~ 310,000 credit hours

~ 24,000 online students

~ \$76 million in revenues

Quality

We will maintain UF's rigorous admissions standards and quality

Online students will earn the same diploma as residential students

We will draw on extensive experience with online graduate degree programs to create new programs

We will help faculty make transition with financial, technological and teaching support



A UF faculty member teaches an online class in food and resource economics.

Student Support

Online students to have access to academic advising

May also access career resources, 24/7 online mental health counseling, etc.

Goal: A sense of community, shared purpose for online students

Conclusion

UF Online designed to increase access, reduce cost of higher education

Progress on target as UF gears up to begin first five programs

UF Online will open a new door to a UF education for qualified students

More information: <http://ufonline.ufl.edu/>

