



Cross-Sector Collaboration and Engagement Workgroup

Agenda

- Roll Call
- Approval of Minutes
- Presentations
 - Dr. P. Barry Butler, President, Embry-Riddle Aeronautical University
- Discussion
- Development of Goal and Strategies
- Public Comment



FLORIDA TALENT DEVELOPMENT COUNCIL

Group 3: Cross-Sector Collaboration and Engagement

Wednesday, October 23, 2019

10:00 am – 11:30 am

Roll Call

Members Present:

Ken Lawson, Workgroup Chair
Dehryl McCall

Bob Boyd

Adriane Grant

Others Present:

- Joel Schleicher, Council Chair
- Michael Sfiropoulos
- Warren Davis
- Dr. Carrie Henderson
- President Gregory Haile
- Dr. Mildred Coyne
- Tina Berger

Department of Economic Opportunity Support Staff Present:

- Katie Crofoot Liebert
- Nicole Duque
- Katherine Morrison
- Emilie Oglesby
- Monica Rutkowski
- Megan Moran
- Lorena Clark

Introduction: Welcome, Roll Call and Approval of Minutes

- Ken Lawson welcomed members.
- Katherine Morrison called roll.
- Ken Lawson reviewed the meeting agenda and discussed some of the key points from the last meeting.
- Workgroup members approved the October 21, 2019 meeting minutes as presented **(attached)**.
- Ken Lawson shared the workgroup's work plan template that will be used for developing goals and strategies.

The logo features a cluster of 3D cubes in blue, red, yellow, and white, arranged in a geometric pattern.

FLORIDA TALENT DEVELOPMENT COUNCIL

Presentations

- Broward College President Gregory Haile and Dr. Mildred Coyne, Senior Vice President of Workforce Education and Innovation, presented on the Broward Up program.
- Tina Berger, FloridaMakes Director of Talent Development and Executive Director of the Advanced Manufacturing Workforce Leadership Council, presented on Building the Talent Pipeline: Connecting Manufacturers with Workforce Partners.

Discussion

Topics included:

- What percentage of students get jobs within 90 days of completing a degree/certificate?
- Movement to online education.
- Utilizing continuing education courses and real-life experience to open more opportunities for students.
- Developing partnerships with companies such as Apple and with libraries to increase technology availability to more students.
- Ken Lawson reviewed the three questions presented to members during the initial workgroup meeting:
 - Internally, how are you bringing government, academia and business together?
 - From the private college prospective, partnerships have been developed between businesses, nonprofits and government employers to address education and workforce needs.
 - CareerSource Florida recommended members consider the Florida Chamber of Commerce's targeted industries, strategically focusing on efforts that have the potential to yield greater impacts.
 - Encourage employers to consider potential candidates for available positions regardless of their credentials, taking a more holistic view on potential candidates when it comes to job performance ability. This includes looking at non-traditional places for employees and fostering partnerships with postsecondary institutions to identify prospective employees.
 - Changing public misperception of certain occupations such as manufacturing being a dangerous and dirty occupation. Consider rebranding and promoting these career pathways that can lead to high wage jobs.
 - Is Florida's Education system flexible and responsive in providing stackable credentials for students in order for them to be successful in the workforce?
 - The Florida College System's high-quality credentials are stackable toward a degree. The system is intentionally structured to be flexible for students; for example, students with a nationally recognized industry certification can be awarded credit toward a degree.

The logo features a cluster of 3D cubes in blue, red, yellow, and white, arranged in a geometric pattern.

FLORIDA TALENT DEVELOPMENT COUNCIL

- Discussed developing a goal based on two challenges: interstate mobility and retaining students in Florida.
- Katie Crofoot Liebert provided an example work plan from another workgroup to guide members' development of goals and strategies for next week.
- Next Steps
 - A representative from Embry-Riddle will be invited to speak during the next meeting.
 - Ken Lawson requested each member think about high-level goals and strategies in reference to the statutory requirements. He referenced the work plan provided in the meeting materials.
 - Ken Lawson requested that the Florida Chamber's 2030 report be provided to all workgroup members.

Public Comment

Opened for public comment. No members of the public commented on the call.

Closing

Ken Lawson gave closing remarks, and the meeting was adjourned. The next meeting for this workgroup will take place on Wednesday, October 30, 2019 at 10:00 am.

EMBRY-RIDDLE

Aeronautical University™



P. Barry Butler, Ph.D.

Embry-Riddle is the Global Aviation/Aerospace Educator

- /// 7,050 students studying aviation, engineering, business and science
- /// Faculty with industry, agency and military experience
- /// Daytona is also HQ to Embry-Riddle Worldwide campus which serves an additional 24,000 online students (50% military)
- /// 200+ individual and multi-course programs
- /// No. 1 online bachelor's program*
- /// No. 4 aerospace engineering program*
- /// No. 1 online bachelor's program for veterans*
- /// No. 1 salaries for college graduates in FL and AZ**
- /// Industry Advisory Boards for all colleges

* U.S. News & World Report (2019)

** Smart Asset (2019)



Government/Corporate Relations



SOLUTIONS FOR
YOUR BUSINESS

As a company focused on aviation and aerospace, you need great talent for our workforce. You need win-win connections to other leading companies and you want marketable solutions to your biggest challenges.

At Embry-Riddle Aeronautical University, we share your passion for aviation and aerospace, and we are uniquely equipped to provide solutions to your biggest problems and grow your bottom line.

As the world's leader in aviation and aerospace education and applied research for more than 90 years, Embry-Riddle has:

▶ **Talent.**

Our alumni are everywhere. Name any major employer in aviation and aerospace and you'll find Embry-Riddle graduates hard at work. **Ranked No. 1 in the nation for 17 consecutive years**, our Aerospace Engineering program has been shaping the aviation and aerospace workforce for generations. **Now a Ph.D. granting institution**, we are researching and solving tomorrow's challenges, today.

▶ **Solutions.**

Embry-Riddle's applied research is at the industry's leading edge. From **unmanned aerial systems** in the global airspace, to **hybrid gasoline-electric propulsion systems** for the near future of commercial aviation, **Embry-Riddle is in collaboration with industry leaders** to design solutions that will change the way we fly.

▶ **Connections.**

When you work with Embry-Riddle, you are plugged in to a *Who's Who* in the aviation and aerospace industry. Embry-Riddle's past and present partners include: **Airbus, GE Aviation, The Boeing Company, Lockheed Martin, Textron, Rolls-Royce, Rockwell Collins, Embraer** and many others.

Find out more about how Embry-Riddle can take your business to the next level.

The Future: Areas of Focus

/// Aerospace Industry is:

- Financially strong
- Globally connected
- Very high demand for pilots, technicians, STEM talent

/// Areas of future growth:

- Autonomous vehicles
- Commercial space
- Supersonic flight
- Aviation cyber security
- Aviation data analytics



ERAU IS WELL POSITIONED



Arts & Sciences



Aviation / Aeronautics



Business



Engineering



Security & Intelligence

MSSA Delivers Vets to Workforce



/// **1,000+ IT professionals** entering the workforce

- Direct from US Military to civilian workforce
- Server and cloud administrators
- Cloud applications developers
- Cybersecurity administrators

/// **93% completion rate**

/// Connects veterans with **500 potential employers**



Aviation Maintenance Technology Training

- /// Launched **August 2019**
- /// Intensive **9-week program** in aviation maintenance
- /// Program developed in collaboration with **AAR, Pratt & Whitney**
- /// Graduates **guaranteed interviews** with leading aviation partners
- /// 100% placement of first cohort
- /// Will be expanding to additional locations



Re-Skilling & Up-Skilling Workforce

- /// Customized programs
- /// Short courses and certificate programs
 - Aviation Maintenance Management
 - Aviation Maintenance
 - Cybersecurity
 - Leadership
 - Lean Six Sigma
 - Project Management
 - Supply Chain Management
- /// Online Degrees



Feeding the STEM Pipeline

- /// **Tech summer camps** for students ages 7-18
- /// 88 high schools offering dual enrollment through **Gaetz Aerospace Institute**
- /// Building **foundation skills** in aviation, engineering, programming, unmanned aviation systems, flight, cybersecurity, robotics, 3-D printing and computer science
- /// Since 2004 GAI has reached 25,000+ students, including 13,000+ dual-enrollment students

