FLORIDA POLYTECHNIC UNIVERSITY
STRATEGIC PLANNING COMMITTEE – VIA CONFERENCE CALL
MEETING MINUTES
ONE POLY PLACE
439 S. Florida Avenue, Suite 300
Lakeland, FL 33801
March 22, 2013 at 2:00 p.m.

1. Call to Order

   Chair Bob Stork called the meeting to order at 2:03 p.m. Roll call was completed by Gina DeIulio. Members on the call included: Chair Bob Stork, Trustee Bill Brown, and Trustee Scott Hammack (quorum); additional Board members present on the call included: Chair Rob Gidel and Trustee Dick Hallion.

   Others on the call: Dr. Gazi Darkazalli; Mary Carpenter- consultant; MGT- Dr. Sandra Archer, Dr. Cyndi Balogh, Kent Caruthers, Dr. Nate Johnson, and Dr. Fred Seamon.

   Others present: Ava Parker and Gina DeIulio.

2. Peer Institutions

   Dr. Darkazalli presented to the Strategic Planning Committee the six recommended Peer Institutions chosen by the Academic Affairs Committee. Chair Stork asked for a motion to modify, amend, or accept the list. Trustee Brown motioned to accept the list. Trustee Hammack made a second to the motion. The motion passed unanimously. The recommendation will be presented to the Board for final approval.

3. Nate Johnson presented a report on the - "Access and Attainment Commission" –

   a. Commission on Higher Education Access & Attainment (CHEAA) was created by the Board of Governors and was charged with studying gaps in supply and demand.

      "CHEAA Importance to Florida Polytechnic" – The areas that this commission identifies are going to be one of the filters that the Board and possibly other policy makers look at when they're recommending additional funding for institutions or when they are looking for what type of programs should be encouraged to grow.

      Dr. Johnson presented areas that have been identified as undersupplied occupations and program areas for growth. CHEAA and BOG should be assured that the process Florida Polytechnic has gone through is aligned with what they have done and that Florida Polytechnic is committed as a Board and institution to being part of the solution of the gap they have identified. Florida Poly has several degree programs on their list that are on the BOG list as needed growth areas. The programs that have been identified for initial startup are generally well aligned with what the Commission is recommending, and some of them are similar to the programs that were in the Board of Governors program recommendation memo.

   b. Dr. Johnson continued with "Program Delivery Models". This presentation suggested ways to be innovative or have a niche that could differentiate the institution from others,

both in terms of the state strategy for meeting demand as well as marketing and business models.

Dr. Johnson presented five potential models.
- — Co-op Education
- — Combined Bachelor's/Master's 4+1
- — Competency-Based Learning
- — Three Year Bachelor's Degrees
- — Globalized Education

Trustee Brown asked if any university was doing a combination of the co-op model; something more integrated? For example, the student would have an 8 a.m. to 3 p.m. work day and then would go home and do online work in the evening. Dr. Johnson agreed to research and provide a response. Chair Stork suggested offering a guarantee to the employer that if one of our students goes to work for an employer co-op, Florida Polytechnic guarantees they will be ready for work; if not, we take the student back and train them again. Dr. Johnson responded he believes that will be a helpful strategy as one of the challenges with setting up co-ops will be establishing Florida Polytechnic's brand as a new institution with potential employers; especially the employers that are already involved in co-op programs with established institutions. Chair Stork asked if there were any institutions already offering this type of guarantee. Dr. Johnson responded he will look further into this, but he believes the Central Missouri Innovation Campus is using this concept.

Dr. Darkazalli advised that in the combined BS/MS degrees there are advantages to the student and university. When the student gets accepted into the Bachelor's program, then they will automatically be accepted into the Master's program. This also guarantees the school that the student will go to their graduate school, so they can plan the coursework, grants, and graduate assistant awards.

Dr. Darkazalli made a recommendation to consider Competency Based Learning, dual enrollment, engaged learning, and look at internships; he also likes the 3 year Bachelor's degree model program and the 5 year degree program with a Bachelor's after four years. Chair Stork asked for a motion to accept the recommendation to move the two models: Competency Based Learning and the Combined Bachelor/Master's 4+1 programs over to Academic Affairs. Trustee Brown made a motion to accept. Trustee Hammack seconded the motion. The motion passed unanimously.

c. Dr. Cindy Balogh presented "Review of Engineering Programs in the State University System of Florida Institutes" (Separate document)

Chair Stork asked Dr. Darkazalli how the engineering programs in the presentation stack up against his recommendations. Dr. Darkazalli replied that the degree name is going to be the degree name; however, the programs themselves are different.

Dr. Sandra Archer presented "Initial Enrollment Model". Dr. Archer discussed several models and went over suggested timelines for Florida Polytechnic.

Chair Stork made a motion and asked the Board if they wanted to accept the timeline. A second was made and all were in favor of accepting the timeline.

4. Dr. Cindy Balogh presented "Proposed Programs & Implementation Timeline".

a. Dr. Balogh presented "Timeline for Enrolling Students". The presentation used students who will be graduating in 2014 as a point to work backwards and forwards from. Today these students are high school juniors and many of them are already in recruitment mode, so it is important for Florida Polytechnic to get recruitment up and running by July 1, 2013.

b. Chair Stork directed staff to take the flowchart and timeline and identify the ones that the Strategic Planning Committee would be assigned to cover.

5. Dr. Balogh began to present information on the Board of Governors regulations requiring Board of Trustees approval. Ava advised that Gina DeIulio is developing a timeline for all the regulations and folding these into a much larger chart.

6. Dr. Darkazalli discussed the business partnership recommendations. He advised that he reviewed the mission of the Board of Trustees and the directive in order to build a business focus with industry involvement, and industry oriented experiential and applied learning opportunities, and to enhance the future of the University by adding cutting-edge specializations.

Dr. Darkazalli went over the proposed programs and degrees for Florida Polytechnic (the "Proposed Degree Programs" document is attached to these minutes). Dr. Darkazalli asked Chair Stork to give his consent that this is a good approach. Chair Stork advised this was a good summary. Chair Stork asked for a consensus. Trustee Brown advised it looked good to him. Trustee Hammack agreed and advised they were good programs. Trustee Hallion concurred.

Chair Stork advised the only thing he would like to consider at a later date would be the guarantee job placement and guarantee of re-training. He continued by saying we need a document that will go to the Board of Governors to update our progress. Chair Stork asked for a motion to present the information to the Board of Governors. The motion was made by Trustee Hammack, and seconded by Trustee Brown. The motion carried unanimously.

7. Next Steps & Closing Remarks

With no further business to discuss, the meeting adjourned at 4:09 p.m.

PROPOSED DEGREE PROGRAMS	
College of Innovation and Technology	
Degree	**Fields**
Bachelor's and Master's of Advanced Technology	Cloud Virtualization & Big Data Analytics
Bachelor's and Master's of Science	Logistics, Materials and Supply Chain
Bachelor's and Master's of Computer Science and Information Technology	Cyber Gaming, Information Assurance and Cyber Security
College of Engineering	
Degree	**Fields**
Bachelor's and Master's in Electrical and Computer Engineering	Control Systems, Magnetics, Digital Systems, Electrodynamics, Semiconductors
Bachelor's and Master's in Industrial Engineering	Multifunctional Materials Development, Geometric Dimensioning and Tolerancing, Motion Control

Program Characteristics

1. Real-time response to employer needs.
2. Focusing on the T & E in STEM (Technology and Engineering).
3. Incorporating leadership, finance and management training into all programs.
4. Undergraduate research required of all students in all programs beginning the sophomore year.
5. Students will be enrolled in engineering courses in the first two years in addition to the last two to help retain a greater percentage of students. (currently about 50% drop out in first two years)
6. Provide strong in class and out of class student support beginning with the freshman year.
7. 75% full-time job placement

Faculty

1. Only non-tenure employment models with incentive-based contracts, will be considered
2. Capacity for using emerging technologies
3. Emphasize teaching as well as research
4. Integrated (Team) teaching and cross-disciplinary instruction
5. Practical applied science and engineering experience
6. Leadership and management experience

Student Recruitment

1. Agreements with STEM charter and magnet schools to serve as feeders.
2. Agreements with state colleges to implement 2+2 feeder programs.
3. International Students: South America, Far East
4. Employ a summer program modeled after the Duke University TIP Program