

**Business Partnership Council Meeting Minutes**

*Electrical Power Technology Program*

*Tuesday April 7, 2015*

*5pm*

*Palm Beach Gardens Campus, SC149*

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ITEM 1. *NSF ATE Grant*

Discussion:

Oleg informed Business Partnership Council on the status of NSF ATE Grant. Grant was awarded to PBSC in the amount of \$868,105 over three years - starting June 1<sup>st</sup>, 2015. Focus of the grant is as follows:

- Student recruitment for EPT and ET AS programs
  - Middle and high school activities
  - Summer STEM academy
  - Contextualized Intermediate Algebra
- Student advising and tutoring
  - Personalized advising and tutoring
- Articulation agreements

Oleg thanked all of the Business Partners on their support during the application progress. Current outreach activities with the School District were presented and Oleg thanked the School District on their support. Detailed plans on the grant activities were discussed.

Action:

Future grant activities will be discussed in future meetings and through regular communications with the business partners community.

ITEM 2. *EPT State of the Program*

Discussion:

State of EPT program was presented with enrollment data and graduation projections for coming summer semesters (approximately the same graduation rate as last year) as well as employment of graduates (full industry placement).

Action:

Current programs of tours, hands-on activities, and cross-discipline training will continue. Oleg thanked business partners for employing our students and graduates, and asked the industry to continue considering our students and graduates for their employment needs.

ITEM 3. *ET State of the Program*

Discussion:

Status of ET AS program development was presented. Different tracks – advanced technology with drafting and mechanical engineering were discussed in particular – large need in the industry; specific courses (strength of materials, processes, etc), and equipment needs were discussed (drafting: NX and ProE, as well as SolidWorks instead of AutoCAD was recommended by the BPC; strain gage installation and application, strength of materials, stresses and strain equipment, vibration testing equipment; CNC routing, milling, rapid prototyping – these pieces of equipment were deemed crucial by the BPC). BPC expressed concern with student recruitment due to the timing (end of school year), but was very happy with the progress and eager to see first classes scheduled.

Action:

Current activities on program development will continue and BPC was willing to help in recruitment efforts.

OTHER

Oleg and Paul proposed an annual collegiate Electrical Power Technology competition targeting freshman students with an objective to reinforce classroom knowledge and to build upon middle and high school outreach activities through creation of new designs in energy generation, storage and efficiency fields. Time for this new proposed activity is September to April and expectation for support was expressed for annual judges, participation at the presentations, and monetary support (for academic achievement awards and for small supplies).

**Attendance:**

Tony Hartzheim, Agilis

Curtis James, Sikorsky

Sharon Long, Florida Turbine Technologies

Don Adams, PSM

Paul Nadeau, TRC Solutions

Craig Mackiewicz, Lockheed Martin

Jim Politis, Choice Programs, School District of Palm Beach County

Larry George, Pratt & Whitney

John Polywoda, Florida Turbine Technologies

Greg Keller, formerly FPL

Daniel Kellman, Cyient

Bruce Fowler, Pratt & Whitney

Brittany Kiser, SECME/STEM Programs, School District of Palm Beach County

Paul Slater, Palm Beach State College

Oleg Andric, Palm Beach State College

**Next Meeting Date: Fall 2015**

Submitted by: Oleg Andric, Scribe