



MINUTES

ENGINEERING TECHNOLOGY ADVISORY BOARD

01/24/23 – Microsoft Teams

Date of Meeting: 01/24/23

MEMBERS PRESENT:

Andres Cardenas, Abdul Lateef, Angela Reamer, Christopher Cain, Dale Owens, Dana Levarn, Dean Bartles, Deborah Swink, Diane Spaulding, Greg Serio, Gregory Walker, James Bryson Jayward Margolis, Jerry Custin, Judith Deeley, Kim Nagulpelli, Marilyn Browne, Matthew Smith, Matt Montgomery, Megan Mosesman, Mike Smith, Michelle Hintz, Michael McCullough, Nat McCormick, Nohelia Puerto, Patricia Watts, Peter Cirak, Scott Talcott, Serdar Celik, Sidney Martin, Summer Sparks

MEMBERS EXCUSED:

Ian Adair, Marilyn Barger, Albert Craig, Serita Cronin, Flint Crump, Tony DeHart, Beth Garlic, Susan Garrett, Marie Harms, Donald Houdek, Brad Jenkins, Wanda Kimsey, Roy Kirchner, Lisa Maciolek, Adrian Martinez, William Mazurek, Natavia Middleton, Reetesh Nagulpelli, Parham Nikolai, Faith Pieterse, Kevin Quintero, Mayra Rivera, Brian Rogers, James Scilligo, Carl Sowers, Gary Testa, Steven Torres, John Vo, Livia Zien

CALL TO ORDER:

Meeting called to order at 12pm by Sidney Martin.

PREVIOUS MINUTES APPROVED:

Accepted by consensus.

NEW BUSINESS:

Engineering Technology Overview: Enrollment is down, and there are currently 82 students enrolled in the Engineering Technology program at SPC. Classes are being offered in multiple forms such as in person, live online and solely online. Additionally, due to low enrollment a total of 5 classes that were scheduled for the Spring term had to be cancelled. In order to increase enrollment a number of recruitment events are being scheduled. Sid Martin would like to see the enrollment number in the engineering technology programs grow to over 100 students. Once thing the program is looking at is creating an electric vehicle (EV) technology program at SPC. Other schools in the state have already developed EV programs, and SPC will need to catch up.

Titan Exchange Update: Titan Exchange is a 10,000 square foot warehouse space that is being built on the Tarpon Springs campus. Construction has begun and we are looking at it being completed by early 2024. This space will have areas for manufacturing, meetings, a commercial kitchen, and office spaces that can be reversed/rented by members of the community. This space will be flexible and have the ability to be adapted to the needs of students, outside businesses and the community.

Employer Engagement and Workforce Update: Marilyn Browne would like to thank all of you and your companies that have met with and have allowed Sid and herself to tour your locations. This has given them the opportunity to better understand your workforce needs and how the college can help meet them. One big takeaway from these meetings has been that there is a want to engage with titan talent early on. This spring there will be 3 ways to engage companies can engage with SPC students. The first being an Employee Showcase that is being piloted by Marilyn. The showcase will be from February 1st to March 9th on the SPC Gibbs campus. This showcase will allow your company to reserve a 3-hour window of time to engage with SPC Titans and Alumni. During this time, you'll have the opportunity to share your corporate culture, job opportunities and conduct on-site interviews.

On March 2nd there will be a Job Fair on the Clearwater campus from 10am to 1pm. Registration is limited and is first come/first served. If you have not yet registered and would like to please reach out to Marilyn. Lastly, there is the MECCA Expo that will take place on April 4th on the Clearwater campus. This expo is focused on connecting different stakeholders in academia and manufacturing workforce development. Tables will be available for those who would like to participate and are welcome to bring company tablecloths, banners, interactive items and staff. During this event you will have the opportunity to interact with middle and high school students, as well as SPC students and members on the community.

Career Readiness: Dean Patricia Watts of the Career Readiness department has been promoting the upcoming job fair to different departments. Additionally, Dean Patricia's department works with students on resume writing and review. If your company has any specific resume requirements, please reach out to her.

Peter Cirak mentioned to Dean Watts that the college encourages companies to post job opportunities on Handshake, but he has little success and often does not hear back from students he reaches out to. Dean Watts stated that the college is looking at ways to better promote Handshake and increase student engagement with it. In the Fall the college gave students a chance to win a gift card when they completed their Handshake profile to 100%. Dean Watts is hoping this will be offered again in the Spring.

Grant Update: Elizabeth Miller a grant writer for the college was not able to attend the meeting, but Sid Martin gave a overview on the multiple grants the department is looking at apply to in the Summer. The first being the Nuts Bolts and Thingamajigs grant. At this point it seems that this grant will just need to be accepted, which will allow Dr. Cardenas and Professor Lewis to host a summer camp. This camp will be available to high school students and will give them the chance to learn about manufacturing and robotics. Another grant that is being considered is from Florida Advanced Technological Education Center (FLATE). This grant would allow the college to bring 10 high school teachers to the college for 2 weeks. Over these 2 weeks they have a hands-on learning experience on engineering and manufacturing. Lastly, regarding the CHIPS Act the college is interested, and discussions have taken place on how it can be applied at SPC. Although the CHIPS Acts focuses on semiconductor research, development and manufacturing, the education and training the college would provide students would be generalized and have skills that are transferable. Sid Martin views the CHIPS act as a way to enhance the amount of students who will show up to receive education .

Activities: Sidney Martin outlined the upcoming events/activities for the department. The first being that on January 31st veteran NASA astronaut and Artist Nicole Stott will be presenting "eARTh From Space" which addresses the connection between art and space. Nicole is a graduate of SPC's Engineering Technology program, who has been on two spaceflights and has spent 104 days as a crewmember of the International Space Station and Space Shuttle. The presentation will begin at 7pm at the Leepa-Rattner Museum of Art located on the Tarpon Springs campus.

On March 2nd the Manufacturing Job Fair on the Clearwater campus is from 10am to 1pm. There is space for 23 Pinellas employers to meet with current and past titan talent. Also in March is the STEAM Festival, which

will take place on the 28th.

Lastly, on April 4th the Manufacturing, Engineering, Construction and Architecture (MECCA) Expo will take place on the Clearwater campus. This event is focused on the education and employment opportunities available in these fields. The goal is to have 400 students from local schools attend this event and expose them to careers in these fields. They will also have the opportunity to hear from individuals that work in these fields and also hear from keynote speaker Andrew Crowe. Marketing materials for this event will be out soon as more details surrounding the event are confirmed.

UNFINISHED BUSINESS:

- Need to schedule future meetings.

CLOSING BUSINESS:

SAVE THE DATE: January 31st: Nicole Stott Presentation at the Leepa Rattner Museum of Art, 7-8pm
February 17th & 18th: St. Petersburg Science Festival at 140 7th Ave S in St. Pete.
March 2nd: Manufacturing Job Fair on the Clearwater campus 10am to 1pm
March 28th: STEAM Festival
April 4th: MECCA

NEXT MEETING: Has not been scheduled yet.

MEETING ADJOURNED: Called at 1:00pm by Sid Martin