

**ST. PETERSBURG COLLEGE**  
Environmental Science Technology

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Meeting Minutes

**DATE/TIME:** Friday, September 13, 2013, 1:00 pm

**LOCATION:** EpiCenter, room 2-434

**ATTENDEES:** Mary Campbell, Dean John Chapin, Paul Cozzie, Sandy DeCarlo, Chair Meg Delgato, Rick Gilbert, Raymond Gorman, Irvin Kety, George Kish, Maura Scanlon, Kelli Stickrath

**DATE ISSUED:** September 16, 2013

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The following is a recap of the items discussed and agreed upon at the meeting regarding the Environmental Science Technology Advisory Committee at the Seminole Campus. This is a summary of the writer's interpretation of the meeting. Unless advised in writing to the contrary, it is assumed those in attendance are in agreement with the statements as set forth and work will proceed on this basis. If you have clarifications you wish to make, please contact Maura Scanlon via email at scanlon.maura@spcollege.edu or telephone at 727-394-6947. Thank you.

<b>Item No.</b>	<b>Description or Comments</b>
1	<i>Introductions</i> Welcome by Maura Scanlon at 1:15. All attendees introduced themselves.
2	<i>Approval of April Minutes-</i> Approval of April 5, 2013 meeting minutes by Mary Campbell and seconded by George Kish who added onto item #13 relating to donation of equipment by Kelli Levy who, along with her staff, also provided technical assistance in refurbishing donated equipment from USGS.
3	<i>Environmental Science Technology update</i> - Maura Scanlon reported the Environmental Science Technology Program currently has 125 enrolled students, with subplan Sustainability continuing to be the most popular subplan. Most students who have been graduating with an AS have been transferring into the BAS in sustainability management, but one summer graduate obtained full time employment at the Apollo Beach Desalination Plant.
4	<i>Articulations</i> - Articulation agreement in process with pTEC and their water program; Lakewood HS articulation to be re-examined within the next three years after the redevelopment of their program is complete.
5	<i>Green Home Updates</i> – No progress as process has been stalled with Department of Energy; <i>SunSense Award</i> – Duke Energy Florida Inc. awarded SPC \$515,803 to complete 100kW solar project split between locations of both the Seminole and Clearwater campuses by November 30, 2013.
6	<i>Review of Summer Camp</i> – Chair Meg Delgato advised the high school summer camp planned for summer 2013 did not have enough students enrolled to proceed, but next summer, the camp will be offered through SPC College For Kids summer camps, which should increase awareness and enrollment in the program
7	<i>Review of Public Utilities Career Exploration Event</i> – Approximately 200 attended the event hosted by Seminole Campus in May. Many county utilities and educational programs were represented and generated interest in the degree program. Sandy Decarlo stated a similar event is being planned again for Spring

	2014
8	<i>Chairperson Election</i> – Irvin Kety accepted nomination by Maura Scanlon, which was seconded by Dean John Chapin.
9	<i>Industry Certification</i> – John Chapin explained certifications are available through FL Trade Consortium, of which SPC is a member. The consortium currently has allocation of \$15 million towards training for careers in manufacturing. Broward has developed an online 30 Hour OSHA course that would fit into the EVS 1016 Hazardous Waste / Materials Management course with no additional fees for students – proposed start date for integration into the course is Spring 2014.
10	Raymond Gorman commented pTEC offers the Class “C” water licensing class as well as a free two-day preparatory review class prior to taking the certification exam, and the review class has shown to improve passing rates. Ray also stated pTEC offers Stormwater Certification – Irv suggested it may tie in well with the EVR 1263 Urban Pollution course
11	Irv stated the importance of obtaining certifications as it makes graduating students more marketable since their new potential employers do not have to spend time and money in order for new employee to obtain training and even First Aid and CPR certifications, if integrated, can be a plus
12	George Kish indicated Wetlands Desalination certification can be an avenue to explore, as no local schools or agencies currently are offering it
13	Rick Gilbert advised that LEED (Leadership in Energy and Environmental Design) Certifications could prove valuable for graduates. Weatherization may also be another avenue to pursue. Rick stated he had just completed the development of an online NABCEP (North American Board of Certified Energy Practitioners) course for SPC Corporate Training and exam fees may be lessened depending if students can be given a paper and pencil test proctored by him. This certification may fit in well with EVR 1310 Renewable Energy Resources, Energy Efficiency & Conservation Methods, which is in both subplan B and C
14	<i>Equipment</i> –Maura advised monies will be available to purchase equipment through the Perkins Grant, but approval of advisory committee is needed for purchases above \$1000. Committee members agreed students need training in equipment currently being used in the industry. Environmental sampling probes were approved for application to purchase
15	Rick suggested purchase of Pathfinder (approximately \$500) or Suneye (\$2,500) equipment for use in solar energy subplan. He also suggested contacting vendors to bring equipment for demonstration may cut down on costs, as well as finding donated or used equipment.
16	Rick also pointed out SPC EpiCenter has a sustainability lab with working solar electrical panels and wind technology that can be utilized by students. Lynn Grinnell would be the contact person.
17	<i>Employment opportunities</i> – Kelli Stickrath advised a former student obtained employment as an OPS Park Ranger at Caladesi Island.
18	Irv stated there are many people retiring and the need for qualified wastewater operators will increase.
19	<i>Volunteer/Intern Opportunities</i> – Irv stated in Summer 2014 there will be a 3 month paid intern position at City of Largo for 40 hours a week
20	Paul Cozzie stated Pinellas County has set aside monies for paid internships and would provide information to Maura as they are being created.
21	<i>Other news</i> – Rick stated nationally, solar energy had its best quarter, and currently employ more people than the coal industry, but FL lags behind largely due to legislation that only utilities can sell power. Irv stated the League of Cities is trying

	to get the legislators to update energy policies.
22	Mary spoke about PACE (Property Assessed Clean Energy) program and how this could lead to future jobs for weatherization and energy auditors.
23	Sandy spoke about advising students in the program that if they are going to pursue a BAS, additional AA credits are needed if students had obtained the AS. Advisors are working on letting students know they can take major courses alongside general education courses, and sending out emails advising students about upcoming courses in the next semester prior to registration.
24	Meg stated the 40 hour Grant Writing Certification class this past summer was successful and included two AS Environmental Science Technology students – funds will be applied for again to run similar program again next summer.
25	George suggested Community of Science and Tampa Bay Estuary as organizations to investigate for grants and resources.
26	George stated more students may enroll in hybrid courses (face-to-face and online) for the field biology and sampling classes. Sandy suggested dates of field trips or on-site classes could be advertised prior to students enrolling.
27	Irv stated some students in his Environmental Regulations class lack knowledge about American Government. Maura advised of new rules that most students will no longer have to take developmental math or writing courses and how these skills may have to be integrated within courses.
28	<i>Next Meeting</i> – tentatively scheduled for March 2014 at the Seminole Campus; Maura will email dates to see when a majority of participants are available
29	Meeting adjourned at 2:45 pm.