

[Meeting Title]		
12.16.2015	2:30 AM- 4:30 PM	ES 104
Meeting called by	Giovanna Taylor	
Type of meeting	Regular Advisory	
Facilitator	Giovanna Taylor	
Note taker	Kaitlin Gibbons	
Attendees	See Attached	
Review of Last Meeting Minutes		
15 Minutes		
Review of Grant Goals		
20 min	Giovanna Taylor	
<p><b>National Lack of Academic Infrastructure</b> In medical devices, even with a strong industry and demand for skilled workers, only a handful of community colleges have programs, and there are no national skills standards.</p> <p><b>Evidence-Based Design</b> Individual institutions have learning management systems to track students' progress and achievement for credit and non-credit coursework, but no data linkages among them to systematically track students' career outcomes.</p> <p><b>Industry Recognized Credentials</b> Collaborate with employers and industry groups to harmonize curricula around common standards and create appropriate programs and/or industry-recognized credentials.</p> <p><b>Online and Technology-Enabled Learning</b> Implement emerging technologies including convert portions or all of a course into 3-D virtual environments.</p> <p><b>Transferability and Articulation</b> Bridge from non-credit to credit courses within or across the college.</p> <p><b>Strategic Alignment</b> Identify opportunities to develop stronger recruitment programs to ensure workers have access to biosciences training programs.</p>		
Discussion of Needed Skills and Academic Credentials		
45 minutes		
Discussion		
<p>Project based- Jerry Hands on not just theory Randell Regulatory- Jan Will send out survey Jan- needs trouble shooting skills, Documentation, logical thinking, pig picture thinking Brian- need to motivate students through creativity and new products Jan- industry needs conformity, understanding of standards, ability to multi-task, project management</p>		

Jerry Custin- need to understand “why”  
 Jerry- these are the critical skills  
 Randell- need more than just theory- needs to be hands on skills in the training  
 Jan – need soft skills like negotiation and problem solving  
 Jerry- critical thinking skills must be routine  
 Students: traceability, capacity to learn, and commitment, real world experience – need both degree and certificate.  
 Lara: need application, foundation of workforce education to expedite the career process - certifications prove competency.  
 Dave: theory combined with hands on speeds up the learning process. Makes candidates much more valuable to employers.  
 Mary; AS important; leaned project management, presentations, critical thinking,  
 Randell-transferable skills are important along with certificate and AS in progress. Need degree to build career options and become more well- rounded employee  
 Randell: job with certificate, career with degree  
 Jerry: Need work ready skills, degree, and additional critical skills in math electronics and computer skills  
 Marc: in growing economy certificate are good. In stagnant or recession economy- need a degree- gives more traction  
 Jan no degree- don’t pass HR  
 Echoed by Jim- need a degree; need to continue to stack credentials, AS allows students to build towards management  
 Jan do students disservice if they do not have the AS- Certificates for specializations  
 James; need to get the person that is a good match for the company  
 Marc: General Seminar through corporate training  
 Materials, packaging, sterilization,  
 James: Certificates shorten the learning curve  
 Certificate is strengthened by internships- Ingrid

## Year End Highlights

<b>15 minutes</b>	



## Bioscience Credential Advisory Committees Minutes



Our Students were able to go to the Bovie Medical facility and participate in a day long training on a few different ESU's. We had more than 40 students participate and become certified on the Bovie devices.

*47 Bovie Certifications*

*(6 hours)-282 Approximate Value \$35,000.00*

Our students have completed roughly 1,044 total training hours have been completed by students **THIS SEMESTER!** This is in addition to their course work.

Students completed 273 Fluke Biomedical Training certificates. Each self-paced online training takes the student between 1 and 3 hours to complete. All the training is medical device quality assurance and/or introduction to using fluke devices. Below is a list of the training certificates that were available for students to complete. *(273 fluke certs 1-2 hours each- Total 546)*

Finally this fall our students were offered the opportunity to participate in the Florida Biomedical Society annual conference in Orlando. There they were able to meet with various vendors and participate in training on devices. At the end of the training, our students walked away with 18 hours' worth of training each.

*FBS training-18 hours-12 students = 216 hrs Approximate Value \$27,000.00*

*Bay Care Space Labs Training 35 hours Approximate Value \$4,500.00*

Action Items	Person Responsible	Deadline
Set Subcommittee meeting to develop strategic plan for next five	Giovanna	
Meeting Adjourned		