Spring 2014 BPCC Industrial Technology Advisory Committee Agenda
February 14, 2014
11:30-1:30
Bossier Parish Community College – Room A230

Members Present

Present:
Tim Stanley, AEP Swepco
Rich DesCoteaux, Ternium
Mike Russel, Graybar
Mark Holstrum, 3D Tech
Jim Shockley, Frymaster
Barry May, FastStart
Laura Goadrich, BPCC
Loretta Salvatore, BPCC
Megan Martin, BPCC
Jean Smith, BPCC
Sandra Partain, BPCC
Angie White, North LA Economic Partnership

Al Dumas, Cellixion
David Pratt, Jett Bus. Sys.
Dr. Ali Ahmad, NSU
Dustin Bowen, ALTEC
Dr. June Schneider, BPCC
Dr. Jim Henderson, BPCC
Dr. Stan Wilkins, BPCC
Allan Pratt, BPCC
Keith Bryant, BPCC
Ed Chopin, BPCC
Twana Harris, BPCC

Susan Evans, Libby Glass
Kenny Williams, Graybar
Dr. Rafiqul Islam, NSU
Telia Ebarb, Student
Sandra Partain, BPCC
Lamont Lackman, BPCC
Jennifer Lawrence, BPCC
Tim Stevenson, BPCC
JASON Cooper, BPCC
Lamont Lackman, BPCC

Absent:
Jack Andres, AEP Swepco
Gayle Flowers, Caddo Parish Schools
Ken Bryan, ALTEC
Patricia Stryker, Frymaster
Sheila Woods, Bossier Parish Schools
Bobby Nowlin, NSU

Welcome – Chancellor Jim Henderson

Advanced Manufacturing Technology Center Update Chancellor Henderson welcomed the board. The college has an effective advisory board. Updated the construction of the advanced manufacturing training center, a few weeks from being in the dry and we will begin training in May. This will revolutionize the way BPCC will be able to train students for the manufacturing and industrial sector. BPCC wants to be the very best manufacturing and industrial training facility in the country and this advisory board’s input in our programs will have a major impact on the courses offered at BPCC. (2:38)

Round Table Introductions

Chancellor Henderson introduced Barry May works with LA FastStart A program Louisiana Economic Development, has worked in NE LA but he will be here with an office in the new facility. Fast Start is the nation’s #1 workforce training program it is revolutionize the way we do training in the state by training new companies and existing companies by bringing instructional design capability and they do fantastic work. This
program has the potential of bringing a pipeline of people to come in to this industrial sector and build a highly skilled workforce. (10:11)

**Adoption of last meeting minutes**

Tim Stanley, Chairman, reviewed last meeting minutes. There were no objections to the minutes as written, Tim made a motion to adopt as written the motion was seconded by Al Dumas.

**Review of Industrial Technology Program**

Lamont reviewed the program enrollment and fall to fall measurement with increased enrollment for fall 2013.

ATMAE Industrial Technology accreditation; after meeting with the ATMAE accreditation group they have advised us to postpone the review for one calendar year until spring 2015. We are going to use this time to gather documentation and prepare a trial report. We plan to be ready for the review in in spring 2015.

Lamont discussed the course outcomes and the way they are set up with key learning objectives for each program and key classes that are responsible for those outcomes. Looking at the success ratio for each student that are in those key classes, the total assessments are averaged. The outcomes are based on students enrolled after the 14 day count, students that drop the course before the 14 days are not included in the summary report. The overall success rate is determined by students who received a C or better. Lamont talked about was AAS and Automation and Controls and Engineering Graphics. The current outcome show student’s success rate in the high 80’s and above are committed and not dropping out. Al Dumas asked how those averages compared to other programs. Laura commented that averages in the low 80’s send a warning signal, they break down of the classes can show where students are struggling. She also indicated that BPCC has a very high success rate on campus. Rick asked if the student is duplicated in the summary outcome, Lamont indicated that there is duplication in the program because the same students are taking multiple classes.

Ed Chopin talked about scholarship opportunities and he started off by thanking Rick for stepping forward this time last year and on the behalf of the manufacturer’s council and coming up with funds to offer scholarships to students. We were able to offer a scholarship last fall and this spring there were three recipients of the Industrial Technology Scholarship. Mark Holstrum, Chase Alexander and Janna McLellan, a graduate of Caddo Career Center. We have received additional funding so he is optimistic that another scholarship will be awarded in the fall.

Allan proposed a content and contact hour program changes for TEED 202 Microprocessors and TEED 210 Robotics Control Systems. Currently the TEED 202 is a 4 hour class offered in the fall, and TEED 210 is 3 hour class offered in the spring. Allan stated that the students need more time in the robotic lab and would like to switch the
credit hours for these two courses. Mark Holstrum agreed with this logic stating that “the microprocessor class is geared more towards programming and much of those assignments can be done at home.” Allan has spoken with Laura concerning solutions for students that will be affected by loss of hours with this change.

Ed Chopin discussed adding 3D Cad “Inventor” as a stand-alone course recommended by adjunct instructor, Matt Hopper. He said, offering Inventor will give students more marketable skills when they are seeking employment. He did not want to make it a requirement but maybe substituting it for another CAD class. Ed offered to survey local companies to see who was using Inventor. If the board and the community agree this would be something beneficial then we would want to go forward with implementing the addition of Inventor. Al Dumas asked “What is the target number we look at when adding a class?” Laura answered, “We look for double digits, so we would want at least 10 interested students. Laura suggested to initially offer Inventor “fall only” until we see an increase in demand in the course.

Lamont presented a proposal to modify TEED 260 Mechatronics. Currently the course is a manufacturing system integration class looking at sensors and actuators that covers a wide range technologies. TEED 260 did not have as much instrumentation and there was an hour difference in the credit hours. OGPT 203 Instrumentation classes is a required class and the credit hour in automation controls. We proposed to remove OGPT 203 and replace it with TEED 260 with the higher hour count. Allan commented that by making this change it will strengthen the Industrial Technology Controls program and also offer the capability of taking the Siemens Mechatronics Certification.

Lamont asked to take a vote on the adopting the three programming changes. Al Dumas made a motion to adopt the changes, Tim Shockley 2nd the motion, the vote to make changes was passed unanimously.

C4M (Certified for Manufacturing) Program initiative from Louisiana Economic Development/Louisiana FastStart – Barry May, Regional Director gave an overview of Louisiana FastStart objectives. LED FastStart creates customized workforce recruitment, screening and training solutions for new or expanding companies at no cost to eligible companies. Their services are designed exclusively for each company and uses real time training tools and utilizes both traditional classroom and hands on training approaches.

The C4M (Certification for Manufacturing): The certificate program is equivalent to 12 college credit hours and incorporates 180 contact hours of class and laboratory work. C4M will begin March 14, 2014 for 2 – 8 week sessions.

- The C4M certificate will make students eligible for interviews with area industry partners.
- Program will have multiple points of entry
- Students can earn college credits to be used towards a Certificate of Technical Studies in Industrial Controls Systems and Associate of Applied Science in Industrial Control Systems.
The potential candidate must pass an entrance exam and meet the minimum test scores on COMPASS.
- Class size is limited to 20 students with new classes starting every 8 weeks.
- There will be a Mechatronics component built into the program.

Plans to host a town hall meeting to introduce C4M and creating a website are forthcoming.

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**TAACCCT3 Grant Update** – (Trade Adjustment Assistance Community College and Career Training Program) Program aim is to help adults acquire the skills, degrees and credentials needed for high-wage, high skill employment while ensuring needs of employers for skilled workers are met. Targeting people that have lost their jobs to overseas competition.

Keith Bryant talked about the Advanced Manufacturing, Mechatronics, and Quality Consortium. Their primary goals are to:
- Develop programs with multiple entry and exit points.
- Develop and implement programs with nationally recognized credentials.
- Develop programs with common core and regional strengths.

New programs of Study being developed / submitted:
- AAS – Industrial Technology with a concentration in *Advanced Manufacturing & Mechatronics (2 years)*
- CTS – Advanced Manufacturing & Mechatronics *(12 months)*
- TCA – Advanced Manufacturing & Mechatronics *(1 semester)*

Keith introduced the team:
- Executive Committee – Laura Goadrich, Dean, Linda Sonnier, Lisa Wheeler
- Grant Director – Keith Bryant
- Asst. Director – Jennifer Lawrence
- Accountant – Loretta Salvatore
- Curriculum Development – Lamont Lackman
- Career Coach / Student Services – Megan Martin
- C4M Instructor – Tim Stevenson

**New Manufacturing Concentration within Industrial Technology Program** – Lamont Lackman discussed the formal structure of the classes for AMFG showing how a student can take the core classes and build on them to complete either a Certificate or A.A.S.
The first session will start in March and enrollment will be by word of mouth only. Jennifer Lawrence is working on a website for future students to apply with a specific number to call for additional information.

The consensus of the board agreed that this program is beneficial to obtain employees that have basic skills, track record for attendance, punctuality, and the ability to work in a team. Having this program vet future employees removes many complications faced by employers. The board agreed that they would seek candidates for employment that have been through this program and would share resumes with others if they saw a better fit for another company.

The meeting adjourned at 1:30.

Minutes submitted by: Jean Smith
Minutes approved by: Lamont Lackman