

## **GCPTA MEETING MINUTES**

Isle of Capri Hotel – Westlake, LA

Date: Friday, November 12, 2004

Time: 9:00 am – 1:00 pm

Gina Jones with Westlake Chemical Corporation and Chairman of the Lake Area Industry Advisory Committee welcomed everyone to Westlake, Louisiana. Gina introduced Fred Stiers, ConocoPhillips Refinery Manager who spoke about industry support for the PTEC™ program and the support that the local industry in Westlake and Lake Charles has for the program. He went on to say what others in the industry are saying throughout the United States and that is that industry is expecting a great deal of attrition in their technician workforce over the next five to ten years. Mr. Stiers also stressed the need for a highly educated workforce capable of a more varied and higher level of work and productivity. He stressed that industry may require an even more highly educated workforce due to global competition. He stressed the importance of the efforts of the GCPTA and the PTEC™ programs.

Steve Ames opened the business meeting and welcomed everyone in attendance. There were 56 members and guests in attendance.

Steve Erickson explained the documents in the handout provided to all the participants. One of those documents was the “new” meeting evaluation form. Steve urged everyone to fill this out.

**Approval of Last Meeting Minutes** – Minutes of the July 30, 2004 meeting were distributed, read, and approved November 12, 2004.

### **Subcommittee on Rules/By-Laws – Steve Erickson**

The following members were approved by the steering committee:

#### **Voting**

In District

- Freddie Blanchard, Placid Refining Co. LLC, Port Allen, LA
- Oscar Polk, Eastman Chemical Company, Longview, TX
- Michael Gunter, Baton Rouge Community College, Baton Rouge, LA
- Dorothy Ortego, McNeese State University, Lake Charles, LA  
(moving from in-district to voting—Standards & Quality Co-Chair)

#### **Non-Voting**

In District

- Ray Player, Eastman Chemical Company, Longview, TX
- Jack Baggett, ITI Technical Institute, Baton Rouge, LA  
(taking the place of Jerry Hidalgo)
- Kathy Trahan, Safety Council, Baton Rouge, LA
- Evette Torres, Shell Oil Company, Houston, TX
- Monte King, Shell Oil Company, Houston, TX

#### **Special Note**

Ed Stiles recognized Kathy Trahan for her service and contributions to the GCPTA. Kathy served as Co-Chair of the Standards and Quality Committee, was a member of the GCPTA Executive Committee and the Education and Curriculum Committee.

#### **Endorsed Colleges Plaque Presentations**

Ed Stiles and Dorothy Ortego, Co-Chairs of the Standards and Quality Committee (S&Q) recognized the eleven colleges that have completed the GCPTA requirements to become “Endorsed Colleges”. Ed

explained that in March of 2003, the GCPTA S&Q Committee established the standards for endorsement which requires colleges to have an active Advisory Committee driven by industry and that they conduct an internal audit of their program to insure continuous improvement. Colleges that meet the requirements will be recognized as an “endorsed college” as they complete the requirements. The following colleges have met the “endorsed college” requirements and were presented plaques: Wharton County Junior College, SOWELA Technical Community College, San Jacinto College Central, McNeese State University, Louisiana Technical College-River Parishes, Lamar Institute of Technology, Texas State Technical College-Marshall, Texas, Houston Community College, College of the Mainland, Brazosport College, and Baton Rouge Community College. A new date will be added to each plaque annually. There will be annual recognition of “endorsed colleges” at which time plaques will be presented.

Photos and information of the plaque presentations will be posted on the Website and the Public Affairs Committee will be sending out a packet with photos and press release information to the endorsed schools.

Ed Stiles noted that in January, the Standards and Quality Committee will be adding additional requirements to becoming an “endorsed college” that will be incremental improvements in quality and will primarily focus on what the advisory committee is doing.

#### **Officer Election**

Ballots were passed out to the “voting” members of the GCPTA and Steve Erickson opened the floor for nominations for GCPTA Secretary. Wayne Huckleba was the only nomination for Secretary on the ballots turned in at the meeting and by proxy vote emailed to the voting members prior to the meeting. There were no nominations from the floor. Wayne Huckleba was unanimously elected Secretary of the GCPTA.

Wayne thanked everyone for his or her support stating that he has seen the GCPTA grow into the organization it is today.

#### **Best Practice—API Workforce Survey—John Payne, BP America, Inc.**

John Payne gave a presentation on an API survey to define the critical issues in workforce development facing the oil and gas industry over the next 5 years. Twenty-two (22) of the thirty-two (32) companies surveyed responded to the survey. The companies who participated were Shell Oil, Marathon Ashland, Schlumberger, Valero, BP, ConocoPhillips, Chevron Texaco, Marathon Oil, Amerada Hess, Murphy Oil, Halliburton, Baker Hughes, Varco, Anadarko Petroleum, Apache Corporation, Burlington Resources, Devon Energy, EOG Resources, Occidental Petroleum, Sunoco, Inc., Tesoro Petroleum, and Unocal.

The Top 6 Workforce Issues were (1) Age Demographics, (2) Recruiting Challenges, (3) Skill Pool Management, (4) Attraction & Awareness of Youth to Energy Industry, (5) Image of the Energy Industry and (6) Technical Skills/Competency Gaps. “The Oil and Gas industry is facing multiple workforce challenges around talent unlike anything we have seen before.”

The Hiring needs and demographics by 2009 were: Engineers and Geosciences (includes Analysts or Technologists) 8,957, 38% of current staff; Operations, Maintenance and Instrumentation/Electrical 12,729, 28% of current staff; HSE Professionals 525, 26% of current staff. “Act now to develop the talent pipeline to avoid critical shortages in the next 5 to 10 years.”

The Top 8 Scarce Skills were as follows:

Most Frequently identified as scarce skills by participating companies were Petroleum Engineering, Engineering Analysts or Technicians, Geology and Geophysics. The next frequently identified scarce skills were Multi-skilled Maintenance Crafts, and Geosciences Analysts or Technicians. The next group of frequently identified scarce skills were Process/Production Operators and Mechanical Engineering. “We need to partner with education, the public workforce system, communities and youth to communicate the above job opportunities that are critical to the industry.”

Beyond the data, the Task Force comments were:

- ◆ The survey data is only part of the story—other industries seeking many of the same skills
- ◆ The business challenge is knowledge transfer and building skills in the next 5 years
- ◆ The Oil and Gas industry image adds to the challenge

- ♦ Education system is not in alignment—math and science gap in secondary schools  
“These comments reinforce the need to take both short-term and long-term actions”

The Task Force continues its work, with a focus on:

- ♦ Developing and implementing a Youth to Energy Strategy  
(involving students, parents, education system, public workforce system and community)
- ♦ Re-branding Industry Image and connect with our future talent  
(sharing information on the industry, career opportunities and associated education requirements)
- ♦ Partnering with community/technical colleges to strengthen an operator/crafts talent pipeline  
(strengthening curriculum development, certification and industry standards)

“Root cause solutions will require broader involvement”

**Best Practice – We Built a Glycol Unit, Now what do we do?—Mike Cobb & Jerry Duncan, College of the Mainland**

Mike Cobb and Jerry Duncan gave a presentation on their experiences with building a glycol unit, which is used for hands-on training of PTEC™ students. They spoke mainly about the learning curve they experienced in not only developing the program, but also solving the many technical, instrumentation, and engineering problems that arose as they attempted to obtain optimum operation of the unit. As part of their presentation, they provided slides to denote their experiences. They also related how they use the glycol unit to enhance the skills and knowledge of their students. This presentation will be posted on the GCPTA Website.

**Committee on Public Affairs – Mike Gragg**

Mike Gragg reported that the Public Affairs Committee met the Thursday before the GCPTA meeting at the Isle of Capri Hotel to identify their areas of focus. Mike reported that the main areas of focus will be on industry and their participation, filling the pipeline with students, and the community. They will focus on industry to stress the value of PTEC™ education. The particular geographic areas of focus will be the Houston Ship Channel area, the New Orleans, Louisiana area, and the Longview, Texas area. A package will be developed that will be used by the champions to bring to the contacts they make in the aforementioned areas. Mike introduced the members of the committee. They are: Gina Jones, Eric Newby, Bob Everard, Harry Wood, Stacey Chiasson, Mike Kukuk, and Bill Raley.

**Committee on Curriculum and Education – Gary Hicks and Martha McKinley**

Martha McKinley reported that the committee is meeting every month. They are working on a number of projects that included Math and Chemistry topics and objectives that were identified at focus groups held in Louisiana in the earlier part of the year. She related that they had finished their work with the Instrumentation Textbook that CAPT had written and that they would be working with CAPT on the Introduction to Process Technology Textbook along with the revision to the SH&E Course. Martha reminded everyone on the need for more industry representation on the committee and invited all who wished to do so to participate. She pointed out that teleconferencing is available to those who cannot make the meetings.

**CAPT Update – Merv Treigle**

Merv provided an update on CAPT activities. He covered the following topics:

**Professional Development**

- ♦ Alabama Southern Community College will hold a Pulp and Paper Faculty Summer Institute in Thomasville, Alabama in June or July of 2005—the date to be announced
- ♦ An Oil and Gas Exploration and Production Faculty Institute will be held in Alaska in the summer of 2005—the date to be announced
- ♦ Merv also pointed out that the GCPTA would be holding several workshops for faculty in the coming months.

**Curriculum Development**

- ♦ The Instrumentation Textbook is ready to be ordered from Pearson Publishing for the January classes.
- ♦ CAPT is currently writing the Intro to Process Technology Textbook—there is a need for industry SME's to participate in the development and review of individual chapters.

- ♦ CAPT will revise the SH&E web-base course and instructor guide and will complete half of a new SH&E textbook in 2005.

#### Skills Standards

- ♦ The skills standards for chemical and refining academic and employability knowledge and skills will be completed next week.
- ♦ Oil and Gas Exploration and Production skills standards and academic and employability knowledge and skills will be completed next week.
- ♦ With the completion of the skills standards for these two disciplines, assessment development will be started. There is a need for individuals to volunteer to write assessment questions for both chemical and refining and oil and gas exploration and production. Those wishing to participate were asked to provide their names and/or business cards in order that CAPT might contact them when it's time to participate.

#### Education Surveys

- ♦ Short survey analysis charts are being mailed to those who participated in last year's short survey.
- ♦ A long survey requesting information regarding an institution's PTEC™ program will be sent to all CAPT college partners in the next two weeks.

#### Internships

- ♦ Merv reported there were 15 faculty internships awarded this summer. The reports from all who participated indicated they were highly successful.
- ♦ Fifteen (15) internships will be provided again in the summer of 2005. Applications will be sent out to all CAPT partners early in 2005.

Merv thanked all those that participated in the 2004 CIBP and Training and Development Pre-Conference this year. He said that from all indications, everyone who attended was very pleased with the conferences. As a result, the Training and Development Pre-Conference will be held again next year. He asked for volunteers to participate on the planning committee for the conference. He also announced the dates of the conferences next year, which are October 19 for the Training and Development Pre-Conference and October 20 & 21 for the CIBP Conference. The conferences will again be held South Share Harbour Resort Hotel.

#### **For further information...**

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#### **Steve Erickson**

Steve Erickson spoke about the difficulty in getting industry members to participate in the different meetings that require their expertise. He asked that they consider these requests in the future and hopefully respond positively. Steve said, "This is your alliance intended to meet your needs."

#### **College Advisory Reports**

1. **Mississippi Gulf Coast Community College – Tommie Broome** reported the following:
  - 13 students enrolled
  - 6 expected graduates in June 2005
  - Student Organization Activities:  
Students are encouraged to be active in Skills USA
  - New Equipment:
    - ♦ Bayport Training DTU-2 Distillation Unit
    - ♦ Simtronics Operator CBT Trainer
    - ♦ Simtronics Process Simulator
  - Advisory Committee Meetings:

Scheduled to meet December 12, 2004

Hot Topics:

Summer Internships at Chevron Texaco Pascagoula Refinery

2. **Montana State University-Billings College of Technology – Bob Robertus** reported the following:

- 14 students enrolled
- 0 expected graduates
- 0 students in Interns/Coops
- 1 student on scholarship

Comments:

We have just hired an Adjunct Faculty (Dr. Carlton Grimm) who has 30+ years engineering experience in the Power Plant industry. He will be developing course materials this semester and teaching a Power Plant Basics Course starting in January.

- High School PTech Programs:  
We still have no PTech prep program.

- New Equipment:  
Acrylic Boiler demonstration and Heat exchanger from Bayport Training Co. Advanced steam Boiler Trainer from Hampfield Engineering

- Advisory Committee Meetings:  
Met August 2004  
Scheduled to meet January, 2005

Hot Topics:

Merv Treigle's visit and report on activities of CAPT

- New Best Practice:  
Several are being planned. Should be able to report on some in January.
- Upcoming Events:  
First time Plant visit to Fluidized bed coke-fired furnace for power generation in Billings.

3. **San Jacinto College Central – Mike Speegle** reported the following:

- 270 students enrolled
- 9 expected graduates
- 14 students on scholarships

Comments:

Offering Oil and Gas Production I in the spring of 2005 as lecture only; Oil and Gas Production II in the fall of 2005 as lecture/lab.

- New Equipment:  
Purchased a 10 gallon stirred batch reactor in October. Will connect pumps, instrumentation, and piping. Hope to have available for hands-on training by summer 2005.

- Advisory Committee Meetings:  
Met September 8, 2004  
Scheduled to meet November 19, 2004

Hot Topics:

- ♦ Donation of safety equipment to the department by PPG.
- ♦ Mike Speegle went on an externship for 5 days to the BP Marlin deepwater platform. Made a PowerPoint presentation and gave a copy to Merv Treigle.
- ♦ Department audit (technical program review) is due this year.
- ♦ Glycol distillation lab upgrade to DCS (Delta V) control system completed in May 2005.
- ♦ Committee roles and goals.

4. **Texas State Technical College-Marshall, TX – Bobby Smith** reported the following:

- 11 students enrolled
- 5 expected graduates
- 2 student in Interns/Coops

Comments:

- ♦ There are currently 2 Process operations technology students on internship at Eastman Chemical Company. One student is working in a plastics packaging area. The other student is working in chemical production that produces ethylene glycol and glycol ethers.
- ♦ A summer graduate was recently hired by Eastman Chemical Company.

- Advisory Committee Meetings:  
Met September 23, 2004  
Scheduled to meet January, 2005  
Hot Topics:
  - ♦ The need of more students in the POT program is critical. The accelerated use of internships, scholarships, and recruiting was discussed.
  - ♦ A hands-on unit used for process calibrations, configuration and Operations is being designed. Help in securing equipment was discussed.
  - ♦ A Website for the Advisory Committee is being developed. This will provide for better communication among members and improved feedback on projects, students and programs.

5. **Alvin Community College – Mark Demark** reported the following:

- 116 students enrolled
- 20 expected graduates
- No students in Interns/Coops
- 5 students on scholarship  
Comments:  
Student Scholarships provided by grants from Lubrizol & ACC
- Student Organization Activities:  
Standard college activities and organizations
- High School PTech Programs:  
Comments:  
Working on getting high schools to participate; student candidates are not showing sufficient interest.
- New Equipment:  
Custom distillation tower; a selection of valves and heat exchangers; and refurbished glass distillation unit by Bayport Technical (funds provided by Carl Perkins annual grant)
- Advisory Committee Meetings:  
Met October 27, 2004  
Hot Topics:
  - ♦ Complete GCPTA audit
  - ♦ Critical Issues & Best Practices Conference
- Upcoming Events:  
Gas Chromatography course at Bayport Technical, Instrumentation & Control at National Instruments attended by instructors

8. **Sowela Technical Community College – Linton Lecompte** reported the following:

- 138 students enrolled
- 27 expected graduates  
Comments:
  - We had 22 students that graduated in May 2004.
  - Placement in Process Industry is 73.4% of our graduates.
  - We had thirteen completers in August 2004 and we expect to have 14 completers in December 2004, for a total of 27 graduates in the fall 2004.
  - No Interns—however, our on campus Intern Program has been a very successful program for us.
- Student Organization Activities:  
PTEC students participate in The Student Government Association here on Campus.
- New Equipment:  
No new equipment, however we have six Glass Labs and assortment of Cutaways, Compressor, Pump, and about eight different types of valves.  
We also have a number of valves donated to us by ConocoPhillips and Georgia Gulf. We are expecting more models like a cut away of an exchanger (acrylic) and steam turbine, also a Glass (see through) Top Distillation Unit.
- Advisory Committee Meetings:  
Met September 22, 2004  
Scheduled to meet October 20, 2004

Hot Topics:  
HAZWOPER:

We've got two of our instructors certified as HAZWOPER instructors.  
We will put a list of equipment needed to deliver a HAZWOPER class.

- **New Best Practice:**  
It's not new, but we keep Safety in the forefront.  
We track our students from start to graduation to employment (drop outs, also). With this tracking program, we're always able to contact our students and this works very well when it comes to job placement.
- **Upcoming Events:**
  - ♦ PTEC audit has been scheduled for December 3 2004.
  - ♦ News to share: Employment has really picked up in the Lake Charles, LA area.
  - ♦ Citgo will be testing our students on October 22, 2004

9. **LTC, Ascension Campus — Cleve Marchand** reported the following:

- 17 plus 23 high school students enrolled
- 6 expected graduates summer 2005
- 0 students in Interns/Coops
- 6 students on scholarships  
Comments:  
Local Industry continues to support scholarships
- **Student Organization Activities:**  
S G A
- **High School PTEch Programs:**  
23 students enrolled  
1 high school participating  
Comments:  
High school juniors at Dutchtown High School are taking PTEC 101. Next year they will take PTEC 1010.
- **New Equipment:**  
Received a copy of an engineering contract dated October 19, 2004 for additional "Glass Labs".  
Received funds from Tech Prep for Simulation Software.
- **Advisory Committee Meetings:**  
Met August 12, 2004  
Scheduled to Meet November 2004  
Hot Topics:  
Internship program and moving our program forward
- **Upcoming Events:**  
Sponsor Economic Development Meeting

8. **Lamar Institute of Technology – Jim Hebert** reported the following:

- 276 students enrolled
- 30 expected graduates
- 9 students in Interns/Coops  
Comments:  
Sabina Petrochemicals of Port Arthur has donated \$5,000 for two \$2,500 process technology scholarships; PT Instructor, Baron Banks, has donated \$1,000 for five \$200 scholarships.
- **High School PTEch Programs:**  
5 students enrolled  
1 high school participating
- **New Equipment:**  
Process unit donated by Taylor Career Center and Entergy. Unit is being overhauled by the Process Technology faculty, Industrial Maintenance Program and HVAC Program for use as a portable unit for classroom use.
- **Advisory Committee Meetings:**  
Met September 23, 2004  
Scheduled to meet November 18, 2004  
Hot Topics:

24 hour run for outside glycol unit

9. **Wharton County Junior College – Wayne Stephens** reported the following:

- 30 students enrolled
  - 2 expected graduates
  - 1 student on scholarship
- Comments:  
Although all were encouraged to apply for scholarships last semester, only one actually did, and received a combined PAC and CAPT scholarship covering expenses for one semester. Needless to say, others will be following suit this semester.
- High School PTech Programs:  
Comments:  
We will be trying to implement a program at Bay City High School next fall.
  - New Equipment:  
1 Flow control skid, 1 Level control skid and 1 cascade skid, modeled after the Brazosport College models. 3 new Simtronics Simulator Programs for 10 stations (Boiler, CSTR and Furnace) will compliment the SPM-700 already being used. Portable wet lab. Demineralizers and Air Dryers for Reactor Skid. Other miscellaneous lab and operations equipment (ppe, etc.)
  - Advisory Committee Meetings  
Met July 27, 2004  
Hot Topics:
    - ♦ Bay City Economic Development proposed new facility for Bay City Campus (all programs) and presented it to the BCISD in late October.
    - ♦ Capital expenditures for the next year of operation.
    - ♦ Endorsement for GCPTA and completion of Texas Workforce Approved Vendor status.
    - ♦ Enhanced efforts to recruit more students (especially women) in the program.
  - New Best Practice:  
This will be the second semester we are preparing all students for mock job interviews. Preparation of one-page resumes is now part of the Introductory Process Tech curriculum and Quality classes. Our partners, Equistar and Nalco, along with our “honorary partner”, provide input to the classes along the way and up until the final interviews at the end of the semester.
  - Upcoming Events:  
3 students and two instructors will have a booth at Career Night at Bay City High School Thursday, November 4 and in February 2005 at the WCJC, Wharton Campus.

10. **Del Mar College – Denise Rector** reported the following:

- 65 students enrolled
  - 6 expected graduates
  - 3 students in Interns/Coops
- Comments:  
At the August graduation, we had four associate degree graduates and three graduates with certificates. For the fall semester, we have 13 new students in the program. Valero Refining is sponsoring the three interns this semester.
- Advisory Committee Meetings:  
Met October 19, 2004  
Scheduled to meet February, 2005  
Hot Topics:  
Working to ensure that Del Mar College complies with the Standards Committee requirements such as an audit tool and guidelines.
  - New Best Practices:  
Using the STATE computer-based modules and working to integrate problem-based learning scenarios into curriculum.
  - Upcoming Events:  
The “Final Celebration” of the STATE project this month. Process Technology faculty from several colleges and industry partners have participated in the project for the last three years.

11. **College of the Mainland – Mike Cobb & Jerry Duncan** reported the following:

- 350+ students enrolled

- 55 expected graduates
- 6 students in Interns/Coops
- 15+ students on scholarships
- Comments:
  - ♦ BP is looking for another 6 interns for the spring semester.
  - ♦ Two of our students have been nominated for an award from the American Chemical Society Student Recognition Program.
- High School PTech Programs:
  - 7 students enrolled
- New Equipment:
  - ♦ BP has donated a working glass Fluid Catalytic Cracking Unit model and a cut-a-way of a reciprocating pump. Many thanks to Woody Anderson and Dennis Link for these donations.
  - ♦ Continuing to make operational modifications to the Glycol Separation Training Unit.
  - ♦ Beginning design and construction phase of our new Reactor lab.
- Advisory Committee Meetings:
  - Met October 26, 2004
  - Six dates scheduled for 2005
  - Hot Topics:
    - ♦ Adding/combining our Hazmat course to the SH&E PTAC 1308 Course.
    - ♦ Discussed the use of fire retardant clothing during the “40 Hour Run”.
    - ♦ Discussed the development of a student interview/resume program.
- New Best Practice:
  - Utilizing fire retardant clothing during the Unit Operations Course “40 Hour Run”.
- Upcoming Events:
  - COM PTEC “40 Hour Run” scheduled for December 9, 10 & 11<sup>th</sup>. Everyone is welcome!

12. **McNeese State University – Dorothy Ortego** reported the following:

- 76 students enrolled
- 8 expected graduates
- 2 students in Interns/Coops
- 2 students on scholarships
- Comments:
  - ♦ Two students on Process scholarships—one in AS and one in BS program.
  - ♦ Two students in BS program are completing internships.
- New Equipment:
  - ♦ Received a grant for purchase of 12 Micro lab stations—will bring the total to 16 for use in chemistry and instrumentation laboratory exercises.
  - ♦ Received two In Focus Projectors via a grant for use in computer/simulation classrooms.
- Advisory Committee Meetings
  - Met October 20, 2004
  - Scheduled to meet December 14, 2004
  - Hot Topics:
    - ♦ Mock Interviews were held with industries’ assistance
    - ♦ Upcoming audit by state for process program
- New Best Practice:
  - ♦ ABET accreditation team visit for evaluation of BS degree in Process Plant.
  - ♦ Two courses will be offered in the spring to Houston Community College for students interested in continuing their education past the AS degree. TECH 403 Supervision offered via compressed video.
  - ♦ Process Technology Faculty attended workshop from NCME on Authentic Learning methods in distance education courses.
- Upcoming Events:
  - ♦ Hosting tours for GCPTA meeting
  - ♦ Participating in McNeese Open House for High School Students
  - ♦ Recruiting Visits underway to area high schools

13. **Baton Rouge Community College – Dr. Michael Gunter** reported the following:

- 257 students enrolled

- 20 expected graduates
- 8 students in Interns/Coops
- 63 students on scholarships
- Comments:  
The Desk and Derrick Club of Baton Rouge will award a PTEC scholarship to a PTEC student during the month of November. We have begun a series of job readiness training for PTEC students. In September, Chevron Phillips put on a "Resume Writing" workshop for upper level PTEC students. In October, ExxonMobil spoke with students on interview skills. November's topic will be test taking skills and preparation. We will repeat this series of job readiness training in the spring semester.
- High School PTECH Programs:  
2 High Schools participating  
Comments:  
Two area high schools, Brusly High School and Port Allen High School are offering PTEC 101 to their students. A group of 20 students from these two programs toured the BRCC campus to view the glass lab and associated equipment used in PTEC instruction. These students were very interested in entering the PTEC program at BRCC.
- New Equipment:  
BRCC will purchase equipment to supplement the Fluids course during the next few months.
- Advisory Committee Meetings:  
Met October 28, 2004  
No date scheduled to meet  
Hot Topics:  
PTEC audit! The BRCC PTEC program was audited by a team of 14 people representing local industry, LCTCS, and other PTEC programs in the state.
- New Best Practice:  
Instructors at BRCC have teamed up with the Academic Learning Center on campus to develop Job Readiness training for all PTEC students. Students are required to complete job readiness training prior to being approved for an internship. The job readiness preparation includes having their resume reviewed and approved by Jeanne Stacey in the Academic Learning Center. Students then take practice tests similar to those given in industry stressing mechanical aptitude, spatial relations, etc. Finally students have a mock board interview to prepare them for the types of interview questions asked during the hiring process. Students have been very successful in obtaining great jobs due to this preparation.
- Upcoming Events:  
We will begin work to enhance our instrumentation curriculum with a new PLC trainer.

**14. Louisiana Technical College River Parish Campus – George Foret, Keith Tolleson, and Tamas Cassidy**

reported the following:

- 122 students enrolled
- 10 expected graduates
- 4 students in Interns/Coops
- 10 students on scholarships
- Comments:  
Internships—Entergy, Chevron Phillips, Shell Geismar, Marathon  
Student Scholarships—Ascension Parish, Career Builders, Marathon, Dupont, Shell Geismar, DOW  
Special Programs—Shadow Plant Modeled after of our MEOH Unit, New Hire Training for Dupont Specialties and DOW St. Charles, Basic Electricity Introduction, Oil and Gas Exploration, Forklift Training, Scaffold Building, Hazwoper Certification, OSHA 8 hour and 4 hour Course, Edison Chouest Off Shore Safe Handling MEOH, Cytex Mechanical Certification Trailer
- High School PTech Programs:  
20 students enrolled  
4 high schools participating  
Comments:  
Delivery of PTEC-1010 to Hahnville and Destrehan High Schools at their campus. St. James and Lutcher High Schools come to our campus for delivery of PTEC-1010.
- New Equipment:

- ♦ DOW St. Charles Tower Donation towards construction of new training tower
- ♦ Honeywell Donation of our Honeywell 2000/3000 Control System
- ♦ ExxonMobil Donation of our GUS and Operator Station
- ♦ Honeywell Donation of Labor Support, Repairs, and Spare Parts of our CB Control
- Advisory Committee Meetings:  
Met October 13, 2004  
Scheduled to meet November 17, 2004  
Hot Topics:  
Completed 2004 Audit of Program for compliance to GCPTA and Curriculum Standards  
Nalco, Dupont, and Marathon have offered to aid high school students tuition PTEC-1010
- New Best Practice:
  - ♦ Interactive Learning
  - ♦ Black Board
  - ♦ Our graduate placement 100%
  - ♦ On campus academics taught by Dr. Wayne Stevens
  - ♦ Shadow Plant Modeled after of our MEOH Unit—(14 trouble shooting exercises)
- Upcoming Events  
GCPTA November 12, 2004 Meeting

15. **Lee College – Charles Thomas** reported the following:

- 575 students enrolled
- 14 AAS expected graduates
- 3 students on scholarships
- High School PTech Programs:  
20 students enrolled  
2 high schools participating  
Comments:  
Good Group!
- New Equipment:  
\$48,000 Dell Pentium 4 Computer-lab upgrade. \$25,000 simulation software upgrade. DEXTER, TDC-3000, Labpro
- Advisory Committee Meetings  
Met November 2, 2004  
Scheduled to meet in December 2004  
Hot Topics:  
Curriculum Review  
Formation of Quality Steering Committee
- New Best Practice:  
PTEC program review

16. **ITI Technical College – Jack Baggett** reported the following:

- 60 students enrolled as of November 1
- 11 expected graduates on December 1, 2004
- 3 students in Interns/Coops  
Comments:  
We have had some internships with British Petroleum for the past 3 summers and it seemed to have worked out well. Presently, we have three PTEC students as 6-month interns with Entergy.
- High School PTech Programs:  
1 high school participating  
Comments:  
Supporting a local high school by letting them use some of our training equipment.
- New Equipment:  
DCS control system—industry donated
- Advisory Committee Meetings:  
Met October 13, 2004  
Scheduled to meet March 2005  
Hot Topics:
  - ♦ Focus on teamwork

- ♦ Focus on communication skills
- ♦ Practice shift turnover/relief
- ♦ Keeping new hires motivated after 6 months
- ♦ Emergency planning training
- New Best Practice:  
Using national student surveys to compare with other schools nationally.
- Upcoming Events:  
Attending local job fair. Plant tours.

### **New Business**

John Galiotos spoke about a new NSF project grant that Houston Community College and McNeese State University has received to develop articulation agreements to provide 2+2 B.S. degrees at McNeese State University. The program will allow for the majority of the PTEC credits earned at Texas Community Colleges to articulate into a B.S. degree in Process Management or Advanced Process Technology. He stated that letters will be sent to gulf coast colleges regarding the opportunity to participate in the program. The Website for the project is under development and it is [www.gctap.org](http://www.gctap.org).

Bill Raley spoke of and handed out information regarding the University of Houston's Supervision and Leadership B.S. Degree that will articulate the majority of the credits earned in Process Technology at community colleges.

Steve Ames thanked everyone for attending and in particular congratulated all of the endorsed colleges and representatives who were present to receive their plaques. Steve reminded everyone to turn in their meeting evaluations. He also informed everyone that the next GCPTA meeting will be held on January 28, 2005 at San Jacinto College.

### **Alliance Website**

- Website [www.processtech.org](http://www.processtech.org) is fully active and maintained by Bob Kosar of Grand Isle Group Information Delivery Specialists. If your school or company has a Website and it is not accessible by just a click, contact the Webmaster by e-mail [bobkosar@hal-pc.org](mailto:bobkosar@hal-pc.org).
- Center for the Advancement of Process Technology (CAPT) Website [www.capttech.org](http://www.capttech.org).
- Contact the GCPTA at [gcpta@msn.com](mailto:gcpta@msn.com).

### **Future GCPTA Meetings**

- *Friday, January 28, 2005* *San Jacinto College, Pasadena, TX*
- *Friday, April 29, 2005*
- *Friday, July 29, 2005*
- *Friday, November 11, 2005*

### **\*\*\*Other Events\*\*\***

*(CAPT) Critical Issues & Best Practices Conference  
South Shore Harbour Resort and Conference Center  
October 19, 20, 21, 2005  
October 19 Training and Development Pre-Conference  
October 20 & October 21 Critical Issues and Best Practices Conference*

Meeting adjourned at 1:00 p.m.

Respectfully submitted,

Lisa Arnold, Secretary  
Gulf Coast Process Technology Alliance

LA/at