

GCPTA MEETING MINUTES

San Jacinto College-Central Campus – Pasadena, Texas

Date: Friday, January 28, 2005

Time: 9:00 am – 1:00 pm

Paul Summers with Dow Chemical Company, chair person of the San Jacinto College PTEC™ Advisory Committee opened the meeting and introduced Dr. Mary May, Vice-President of Instruction, San Jacinto College-Central Campus who welcomed everyone to the college.

Dr. Mary May welcomed everyone to San Jacinto college and thanked the group for their time and talent that is vital to instruction.

Steve Ames opened the business meeting and welcomed everyone in attendance. There were 65 members and guests in attendance. Everyone introduced himself or herself.

Approval of Last Meeting Minutes – Minutes of the November 12, 2004 meeting approved January 28, 2005.

Subcommittee on Rules/By-Laws – Wayne Huckeba

The following members were approved by the steering committee:

Non-Voting

In District Reginald Christy, Milby High School-Houston ISD, Houston, TX
 Cathy Williams-Foster, Marathon Oil, Houston, TX

Out-of District Bob Felty, ACT, Inc., Marietta, GA

Grant Presentations to the GCPTA

Monte King and Evette Torres with Shell Oil presented the GCPTA with a check for \$10,000 to be used to further the marketing of PTEC education and the industry as a career. Monte King stated that he was very impressed with the GCPTA and their accomplishments. He stressed that the college to industry pipeline is going to be important for his company over the next few years.

John Payne with BP Exploration and Production presented the GCPTA with a check for \$20,000 to be used for the support of Process Technology career training and the marketing of the Process Technology program to respective industry and education contacts. John stated that it was a pleasure to be able to do this and that the Gulf Coast Process Technology Alliance is an integral part of BP's success. This alliance is a model and has been used to successfully establish other alliances in Alaska, the Rockies, the Northwest, and will soon be presented in the Great Lakes area. This check is BP's way of expressing support and gratitude for all the things the GCPTA has done for BP.

Recognition Awards—Steve Ames

Steve Ames presented Lisa Arnold with Marathon Ashland a plaque for her past service with the GCPTA. Lisa was the Secretary of the GCPTA in 2003 & 2004 and was a member of the Executive Committee. She has also served on the Education Subcommittee.

Steve Ames read a lengthy list of the accomplishments of Joanna Kile and what she as the Director of the Center for the Advancement of Process Technology has done over the past five years for CAPT, the GCPTA and PTEC education. He praised and thanked Joanna Kile and presented her with a certificate of recognition and a Waterford crystal vase.

Joanna Kile recognized the CAPT staff and others who have been instrumental in the success of CAPT's efforts. She thanked everyone and stated that nothing would be possible without the industry and college participants.

Upcoming 2005 Subaward Activities—Steve Erickson

Steve Erickson informed the group of the 2005 subawards from CAPT funded by the National Science Foundation. The GCPTA has awarded the following to endorsed member colleges: Houston Community

College has been selected to host both a Career Awareness Workshop and a Two Day Faculty Workshop; Lamar Institute of Technology has been selected to host a Career Awareness Workshop and a SteP Summer Institute; College of the Mainland has been selected to host a two day faculty workshop; Brazosport College has been selected to host a Step Summer Institute; and McNeese State University has been selected to put on a two day faculty workshop.

Best Practice—U.S.D.O.L. Registered Apprenticeship Program—James Carnes & Toni Dean

James Carnes & Toni Dean with the U.S.D.O.L. Registered Apprenticeship Program presented what the apprenticeship program is and how they can help companies educate and train their workforce. They outlined a number of different jobs that are eligible for D.O.L. support and they answered a number of questions from the audience regarding the program. They encouraged everyone to visit their web site www.doleta.gov/atels_bat to ascertain more detailed information regarding the apprenticeship program. They also provided a packet of information including their personal contact information: Mr. James F. Carnes, ATR, carnes.james@dol.gov and Ms. Toni Dean, ATR, dean.toni@dol.gov.

Best Practice – Houston D.O.L. Energy Forum—John Payne

John Payne attended a U.S.D.O.L. Energy Solutions Forum in December 2004. He pointed out that the meeting was tied to the administration's High Growth Job Initiative. The meeting focused on the Energy and Manufacturing sectors of the workforce. They brainstormed key solutions for addressing the critical need to provide trained employees and concluded that the infrastructure for supporting the initiative is already in place; that is the Community College system. He pointed out that a substantial number of jobs will need to be filled over the next five years, approximately 60 – 65 thousand jobs in Oil and Gas.

John spoke about a grant that has been submitted the D.O.L. for deepwater exploration and production in the Gulf of Mexico. These funds are to help get the workforce ready. Funding of the Energy sector initiatives is expected in the spring and hopefully our grant proposal will be funded.

Committee on Standards & Quality – Dorothy Ortego

Dorothy Ortego with McNeese State University and co-chair of the Standards & Quality Committee recognized Alvin Community College for having completed the GCPTA requirements to become an "Endorsed College". Alvin Community College completed these requirements on January 19, 2005. A plaque was presented to Mr. Roy Caskey of Alvin Community College who accepted it for Mark Demark, Department Chair of Alvin Community College who could not attend the meeting.

On March of 2003, the GCPTA S&Q Committee established the standards for endorsement that 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. A new date will be added to each plaque annually.

Committee on Funding –John Payne & Bill Raley

John Payne presented the 2005 budget for \$91,031.68 that has been approved by the Executive Committee. He noted that there was a marked increase in the budget for marketing and public affairs. He also noted that the total projected income would not be adequate to fund the budget and that ideas on how to reach the targeted figured are welcomed. He went on to say that the subscriptions that are mailed at the beginning of the year total approximately \$75,000 but that only about half of that figure is received. He encouraged all those that receive a subscription to bring it to the attention of their company or institution and help see that they are paid.

Bill Raley stated that the GCPTA activities substantially benefit education and he suggested that the institutions raise their subscription donations from \$500 to \$750 per year. He also stated that the Funding Committee is entertaining ideas on how to increase funds. Ideas are welcomed from the membership.

A motion was entertained, seconded, and the budget for 2005 was approved.

Special Note—Stacey Chiasson

Stacey Chiasson informed everyone that the next meeting would be April 29, 2005 in Lafayette at the Holiday Inn-Holidome. This is the weekend for festival Internationale. There will be a wine and cheese party the night before. Also, the hotel will extend the special rate for the weekend.

Committee on Public Affairs – Mike Kukuk

Mike Kukuk stated that the Public Affairs has a fairly aggressive campaign planned to increase industry participation monetarily and to commit to hiring graduates from the PTEC program which would help to fill the pipeline. He encouraged additional members to join the committee.

Committee on Curriculum and Education – Gary Hicks and Martha McKinley

Martha McKinley reported that the committee is meeting regularly at the College of the Mainland. The next meeting will be February 4th followed by a meeting on February 25th. She encouraged more industry participation. Martha encouraged those who couldn't participate to solicit others to participate in their place. Martha said the food is always good.

Martha invited everyone to visit the GCPTA web site to secure the dates for the meetings that are set throughout the year.

The Instrumentation textbook is out and it is great. Please give your feedback to CAPT. Next, they would be working with CAPT on the Introduction to Process Technology Textbook along with the revision to the SH&E Course. She pointed out that teleconferencing is available to those who cannot make the meetings.

CAPT Update – Joanna Kile

Joanna Kile provided the following update of CAPT activities:

Skill Standards

- Chemical/Refining Process Technician standards are complete.
- Oil and Gas Production Technician standards are complete.
- These skill standards will be available online by February 24, 2005.
- The Pharmaceutical Process Technician work-oriented information has been collected at a number of companies in Michigan and Puerto Rico. Work on these standards continues.
- The National Occupational Competency Testing Institute (NOCTI) has been awarded the contract to develop the program graduate exit assessments. More information concerning milestones to follow in the next two weeks.

Textbooks

- The Instrumentation textbook is now available through Pearson Custom Publishing at <http://www.pearsoncustom.com/database/engineering.html> (click on Process Technology Instrumentation). The ISBN for the textbook is 0-536-85949-3.
- The Introduction to Process Technology textbook is under development. We need industry and education subject matter expert reviewers for the following chapters:
 - ✓ History of the Process Industry (Industry only)
 - ✓ Basic Physics (Industry only)
 - ✓ Basic Chemistry (Industry only)
 - ✓ Pumps (Both education and industry)
 - ✓ Tanks, Drums and Vessels (Both education and industry)
 - ✓ Compressors (Both education and industry)
 - ✓ Steam Turbines (Both education and industry)
 - ✓ Electricity and Motors (Both education and industry)

Other Curriculum

- The Introduction to Process Technology Web-based course modules and Facilitator Guide have been revised.

Professional Development Opportunities

- BP Oil and Gas Institute – Alaska – July 11 – 16, 2005
- Pulp and Paper Institute – Alabama – June 13 – 17, 2005

- Summer 2005 Faculty Internships
- GCPTA has two-day workshops scheduled at College of the Mainland (Glycol Unit Operation), Houston Community College (Subject TBD), and McNeese State University (Women Tech Workshop). SteP Institutes will be offered at Brazosport College and Lamar Institute of Technology. Career Awareness Workshops for 5th-8th grade teachers and counselors will be held at Houston Community College and Lamar Institute of Technology.

Scholarships

- Sponsored by BP, Dow, Producers Assistance Corporation and Shell
- 23 available to begin in Fall 2005; \$1,000 or \$2,000 per scholarship
- Application available at www.capttech.org; Deadline is April 1
- Student newsletter with this information sent to institutions this week
- Campus visits will be made in February in Louisiana, Mississippi and Texas

Virtual Chemical Plant

- 5th – 8th grade math and science activities are now available at www.capttech.org/vcp.htm.
- New VCP activities include:
 - ✓ Four Basic Process Variables
 - ✓ Physical and Chemical Properties
 - ✓ From Fossil Fuels to Products
 - ✓ A-Head in Math

Program Survey

- The survey of education programs was due January 10, 2005. The following GCPTA institutions have returned their surveys: Alvin Community College, Baton Rouge Community College, Delaware Technical and Community College, ITI, LTC-Ascension Parish, Mississippi Gulf Coast Community College, and TSTC-Marshall.
- Follow-up phone calls to begin next week.

Program Mentoring

- Western Wyoming College – Johnny Payne, Mentor
- Delta College, Michigan
- Tri-State University, Indiana
- Infancy initiative in Bay Area, California and LTC-Lafourche Parish

NSF Continuation Grant for CAPT Support

- Grant proposal will cover September 2005 – August 2009
- Maximum funding of \$3 million
- Proposal due to the CAPT National Visiting Committee in February 2005 and to NSF by April 1, 2005

New Staff

- For technical assistance with the CAPT Web-based courses, Virtual Timtene Unit, Virtual Chemical Plant and STATE modules, please contact Steve Newsome at snewsome@com.edu or (409) 938-1211, ext. 105.

For further information...

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 CAPT at College of the Mainland
 1200 Amburn Road
 Texas City, Texas 77591
 (409) 938-1211, x101
jkile@com.edu
www.capttech.org

College Advisory Reports

1. **Montana State University-Billings – Bob Robertus** reported the following:
 - 34 students enrolled
 - 0 expected graduates

- 12 students in Interns/Coops
- 2 students on scholarships
- Comments:
Student internships are now scheduled the week before school starts to avoid having students miss classes. This had become a problem for some Gen Ed Instructors.
- Student Organization Activities:
No student organization has been formed yet
- High School PTech Programs:
0 students
0 schools participating
- Comments:
Montana schools and universities are really strapped for cash for the foreseeable future. Enrollments are down and funding is based on enrollment. Chances of adding a PTech high school program any time soon are nil.
- New Equipment:
 - ♦ Armfield Engineering distillation unit arrived but not installed.
 - ♦ Rankine Cyclor from Turbine Technologies used last semester.
- Advisory Committee Meetings:
Met August, 2004
Scheduled to meet January, 2005
Hot Topics:
The local drought. Snow fall is at record lows.
- New Best Practice:
??Remodeling lab space to get more room for new equipment??
- Upcoming Events:
Meeting with ChevronTexaco in Richmond, CA to discuss PPT program. (mid January)
Jan 05 *First* offering of a Power Plant specific course.

2. **Lamar Institute of Technology – Harry Wood & Walter Tucker** reported the following:

- 275 students enrolled
- 35 expected graduates
- 23 students on scholarship
- Student Organization Activities:
OPT Club toured the ExxonMobil and Bayer facilities
- High School PTech Programs:
11 students enrolled
1 high school participating
- Comments:
We are looking to expand courses offered at the local vocational technical high school.
- Advisory Committee Meetings:
Met November 18, 2004
Scheduled to meet February 24, 2005
Hot Topics:
Committee planning 40-hour run of distillation unit in spring.
- New Best Practice:
Twelve graduating students ran distillation unit 24 consecutive hours, working six-hour shifts and troubleshooting and correcting problems with the unit.
- Upcoming Events:
LIT has been approved to host the SteP Summer Seminar for Females and Seminar for 5th through 8th grade teachers and middle school counselors to enlighten them with career opportunities in process technology by stressing the importance of math and science.

3. **Texas State Technical College-Marshall – Bobby Smith** reported the following:

- 5 students enrolled
- 3 expected graduates
- 2 students in Interns/Coops
- Comments:
Two students are on internship at Eastman Chemical Company. These students are working

- In process manufacturing areas.
- New Equipment:
Work is proceeding on the construction of a calibration/operation test unit. This unit will consist of several glass tanks, which will be used to demonstrate flow control, level control, pressure control and instrument calibration/troubleshooting. A Delta V DCS will be used in the control system.
- Advisory Committee Meetings:
Met September 23, 2004
Scheduled to meet January 27, 2005
Hot Topics:
 - ♦ Increasing enrollment in the process operations technology curriculum.
 - ♦ Improving job placement of graduates.

4. **Mississippi Gulf Coast Community College – Tommie Broome** reported the following:

- 14 students enrolled
- 5 expected graduates
- ?? student in Interns/Coops
- 0 students on scholarships
- Comments:
Our students are presently applying for the BP Internships and for the intern offers at ChevronTexaco, Pascagoula Refinery. We hope to see a number of our students placed within the next weeks.
- Advisory Committee Meetings:
Scheduled to meet February 10 or 12, 2005
Hot Topics:
 - ♦ Intern offers with the other Industry partners
 - ♦ More involvement by the Industry partners
 - ♦ Moving the POT program to the next level, getting endorsement from GCPTA
 - ♦ Final approvals of the curriculum being offered

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

- 100 students enrolled
- 30 expected graduates
- 0 students in Interns/Coops
- 5 students on scholarship
- Comments:
Student scholarships provided by grants from BP, Lubrizol, and ACC. We have observed that new student enrollment in the beginning PTAC courses is down substantially from the fall 2004 semester (15 versus 30).
- High School PTech Programs:
0 students enrolled
0 high schools participating
Comments:
Shell Oil Company has informed us that we will receive a grant for \$10K to enhance our Tech Prep Program and increase enrollment of high school students in our program. With this funding, we plan to organize a 2-day Process Technology Forum, a Career Day, and once each term have a Process Technology Night.
- New Equipment:
Eight-foot-tall by 1 foot-diameter plastic distillation unit designed and constructed by Bayport Training. Using air and water, the working model shows operation of structured and random packing, a valve tray, and a bubble cap tray.
- Advisory Committee Meetings:
Met October 27, 2004
Scheduled to meet January 26, 2005
Hot Topics:
 - ♦ GCPTA audit completing status
 - ♦ 2005-2006 budget
 - ♦ Industry equipment donations
 - ♦ Process Technology enrollment

- New Best Practice:
Process Technology has its own page on the ACC web site showing courses and costs per term, and all Advisory Committee meeting minutes.
- Upcoming Events:
See High School Ptech programs above. Have applied to attend Practical Aspects of Process Analytical Chemistry.

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

- 490 (head count) students enrolled
- 25 expected graduates
- 2 students in Interns/Coops
- 5 students on scholarships
- Student Organization Activities:
The Process Technology Student Association PTSA elected new officers. Chris Cox President. Moved to new office with phone, fax, computer, and printer. Met with first semester students to discuss benefits of PTSA.
- High School PTEch Programs:
20 students enrolled
2 high schools participating
Comments:
Ken Emory and the Goose Creek School system (Lee High School & Sterling High School) are in the second semester of our two-course articulation agreement. The group has completed PTAC 1302 Introduction to Process Technology and is currently attending class on-campus for PTAC 1308 Safety, Health and Environment. Mr. Lytle Seibert is the instructor and has very favorable comments about the amount of material these students have covered and the quality of the group's effort. Mr. Emory frequently visits the class.
- New Equipment:
The new computer lab has 22 new Dell Pentium 4 computers, network printer, and overhead projector. The new DEXTER upgrade software is working well, and the TDC-3000 simulation software is being installed in a few weeks. Training will occur after Spring Break. The new laptop computers are being integrated into the glassware bench-top units and pilot plant operation as well as a new network printer.
- Advisory Committee Meetings:
Met December 9, 2004
Scheduled to meet February 17, 2005

7. **Del Mar College — Denise Rector** reported the following:

- 70 students enrolled
- 5 expected graduates
- 3 students in Interns/Coops
- 0 students on scholarships
Comments:
In the early planning stages of a workshop for students to improve their interview skills. Lyondell Equistar Human Resources Department will be conducting the workshop. Tentative date for the workshop is sometime in March.
- New Equipment:
Refurbished Bayport Technical DTU-2 distillation unit complete with a new chiller unit.
- Advisory Committee Meetings:
Met October 19, 2004
Scheduled to Meet March 22, 2005
Hot Topics:
Conducting the first program audit scheduled to being in April and completed by June.
- New Best Practice:
Continuing to use the STATE computer-based modules and working towards integrating more problem-based learning into the curriculum.
- Upcoming Events:
Faculty is scheduled to attend career days or fairs in February and April for local high school students.

8. **Louisiana Technical College-River Parishes – George Foret** reported the following:

- 124 students enrolled
- 14 expected graduates
- 4 students in Interns/Coops
- 15 students on scholarships

Comments:

We currently have four students interning, three at Marathon and one at Entergy. We have several scholarships available through Career Builders. We have specialized training for new hires, and we also offer two Oil and Gas elective courses.

- Student Organization Activities:
Skill USA, SGA, & ASSE
- High School PTech Programs:
26 students enrolled
5 high schools participating
- New Equipment:
Honeywell DCS Simulator (Shadow Program)
- Advisory Committee Meetings:
Met October 13, 2004
Scheduled to meet January 26, 2005
Hot Topics:
Process Extension Classes plus Oil and Gas Classes being offered off campus.
- New Best Practice:
Interactive Learning
- Upcoming Events:
Kraft Committee Meeting and Education Subcommittee Meeting

9. **Delta College – Ronald Good** reported the following:

- 12 students enrolled
- 2 expected graduates
- 1 student in Interns/Coops

Comments:

The High School program includes a six-to-seven week internship between the Junior and Senior years. We are currently exploring getting additional internships after the Senior year is completed.

- High School PTech Programs:
11 students enrolled
5 high schools participating
Comments:
We are currently making plans to move into Bay County and Saginaw County with our recruitment for the High School program.
- New Equipment:
We just purchased a distillation unit from Bayport Industries.
- Advisory Committee Meetings:
Scheduled to meet February 24, 2005
Hot Topics:
The High School Program, the two-year degree program, getting local industry more involved in the program at the college.
- New Best Practice:
Beginning to work on an alliance of business, industry, and education in the Midwest.
- Upcoming Events:
 1. Defining roles for high school internships this summer.
 2. Meeting at Tri-State College on March 4th to begin discussions on alliance formation.

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

- 208 students enrolled
- 24 expected graduates
- 6 students in Interns/Coops

- 63 students on scholarships
Comments:
The Desk and Derrick Club of Baton Rouge awarded a PTEC scholarship to a Holly Arrington, a PTEC student, during the month of November. We will be repeating the Job Readiness Workshops for students. We have begun an internal internship for those students who are not chosen for an industry internship. Total number enrolled in the internship class is 28.
- 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.
- New Equipment:
BRCC will purchase equipment to supplement the Fluids course during the next few months.
- Advisory Committee Meetings:
Met November, 2004
Scheduled to meet January 27, 2005
Hot Topics:
We have been asked to address the students at White Castle High School who are interested in a technical degree on March 16. This is a career day for the students.
- New Best Practices:
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:
Develop a credit exam for high school students who have taken PTEC 101. This will allow high school students entering the College to receive college credit without taking PTEC 101.

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

- 350 students enrolled
- 25 expected graduates
- 8 students in Interns/Coops
Comments:
 - ♦ BP has picked up 8 students for the Spring Internship.
 - ♦ 2 PTEC students recognized as Outstanding Students by American Chemical Society.
 - ♦ COM PTEC now consists of 3 full time instructors and 1 Lab Technical. Please welcome Steve Wethington as our new instructor.
- Student Organization Activities:
Initial Spring Meeting scheduled for February
- High School PTech Programs:
15 students enrolled
5 high schools participating
- New Equipment:
 - ♦ BP has donated a new cut-a-way reciprocating pump and an operating model of a Fluid Catalytic Cracking Unit. (Cat Cracker)
- Advisory Committee Meetings:
Met October 26, 2004
Scheduled to meet February 17, 2005
Hot Topics:
 - ♦ SH&E/Hazmat Course combination
 - ♦ Instrument I & II Course combination
 - ♦ Resume Writing and Job Interview Instruction
- New Best Practice:
Piloting a new “Team” grading system in Unit Operations.

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

- 76 students enrolled
- 14 expected graduates
- 5 students in Interns/Coops
- 2 students on scholarships
- Comments:
 - ♦ Two students on Process scholarships—one in AS and one in BS program.
 - ♦ Five students in BS program are completing internships.
 - ♦ Anticipate 10 AS and 4 BS graduates.
- New Equipment:
 - ♦ Waiting on delivery of 12 Micro Lab Stations—will bring the total to 16 for use in chemistry and instrumentation laboratory exercises.
 - ♦ In the process of getting two In Focus Projectors via a grant for use in computer/simulation classrooms.
- Advisory Committee Meetings:

Met December 14, 2004
Scheduled to meet February 23, 2005

Hot Topics:
 - ♦ Training needs for students and instructors were discussed. Ideas on how industry can help provide expertise and assistance were covered.
 - ♦ Planning for summer camp—developed a subcommittee to expand/revise schedule and help advertise and recruit campers
 - ♦ Review of goals and objectives for 2005
- New Best Practice:
 - ♦ Semester began with a second instrumentation and a supervision class being offered to Houston Community College for students interested in continuing their education past the AS degree. TECH 403 Supervision is being offered via compressed video.
- Upcoming Events:
 - ♦ Participating in McNeese Engineering Week for High School Students
 - ♦ Recruiting visits continuing to area high schools

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

- 203 students enrolled
- 12 expected graduates
- 2 students in Interns/Coops
- 10 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.
 - ♦ Two students doing cooperative education with two small contractors.
- 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 fall 2005.
- Advisory Committee Meetings:

Met November 9, 2004
Scheduled to meet February 8, 2005

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.
 - ♦ Troubleshooting and repair of glycol distillation tower completed January 10, 2005.
- New Best Practice:

Oxyvinyl is allowing PTAC 2438 classes to tour their plant. Had 2 tours last semester. Advisory committee members are visiting PTAC 2438 classes and answering student questions about working in the plants and expectations of new hires.

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

- 160 students enrolled
 - 28 expected graduates
 - 0 students in Interns/Coops
 - 0 students on scholarships
- Comments:
- ♦ We had 22 students graduated in May 2004.
 - ♦ We had thirteen completers in August 2004 and 15 completers in December 2004, for a total of 28 graduates in the fall 2004.
 - ♦ Graduates for year 2004—48
 - ♦ Placement in the Process Industry continues to be about 73.4% of our graduates.
 - ♦ No Interns out in industry.
 - ♦ We continue to offer an Internship Program here on campus, which makes a big difference when our students go to work. This program has been very successful.
- Student Organization Activities:
 - ♦ PTEC students participate in the Student Government Association here on campus.
 - ♦ We have a PTEC Club that's in the developmental stages. Our students and staff are really excited about the organizing effort. We expect this to really grow over the next 12 months. Our plan is to use this organization as a vehicle for recruiting.
 - New Equipment:
 - ♦ We have an assortment of (six) Glass Labs and an assortment of Cutaways, Compressor, pump, and about eight different valves.
 - ♦ We have a number of valves donated to us by ConocoPhillips and Georgia Gulf.
 - ♦ We have recently added several acrylic exchangers, a steam turbine cut-a-away, and a Table Top Distillation Unit.
 - ♦ We are expecting more lab models like an acrylic working model of a cooling tower and pump cut-a-ways.
 - Advisory Committee Meetings:

Met December 14, 2004
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Hot Topics:

 - ♦ Providing our students with additional training such as Aerial Lift, Forklift, and HAZWOPER.
 - ♦ Professional Development for PTEC Instructors. With the cooperation of Citgo, we've set up two sessions (about 1 hr. each) per month for year 2005 where the instructors come together with industry and discuss Process Topics like FCC, Exchanger Specifications, Root Cause Analysis, Treating Plant, Refinery Economy, Alkylolation, just to name a few. Our goal here is to broaden the instructor's experience level.
 - 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:

Sowela Technical Community College is preparing for SACS accreditation.
 - News to Share:

Employment has really picked up in the Lake Charles, Louisiana area.
During December 2004 and January 2005, we managed to put a significant number of the students to work in our local Process Industry.

New Business

Mike Kukuk stated that he had some special needs in Continuing Education at the College of the Mainland. He needs part-time help with SH&E instruction. He also needs part-time/fulltime perhaps a year to 18 months in the area of process instructor. Please contact Mike at mkukuk@com.edu or 409-938-1211, ext. 146 if you know anyone that may be interested in the above.

Alliance Website

- Website 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.
- Center for the Advancement of Process Technology (CAPT) Website www.capttech.org.
- Contact the GCPTA at gcpta@msn.com.

Future GCPTA Meetings

- *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,

Wayne Huckeba, Secretary
Gulf Coast Process Technology Alliance

WH/at