

GCPTA MEETING MINUTES

Lamar Institute of Technology – Beaumont, Texas

Date: Friday, July 29, 2005

Time: 9:00 am – 1:00 pm

Steve Ames opened the business meeting and welcomed everyone in attendance. There were 63 members and guests in attendance. Everyone introduced himself or herself.

Approval of Last Meeting Minutes – Minutes of the April 29, 2005 meeting were approved July 29, 2005.

Subcommittee on Rules/By-Laws – Mike Kukuk

The following members were approved by the steering committee:

Non-Voting

In District

Ted Borel, Lyondell (Equistar), Bay City, TX

Larry Goodwin, Nunez Community College, Chalmette, LA

Ramona Leonard Riley, San Jacinto College, Pasadena, TX

Glenn E. Johnson, HUIISH Detergents, Inc., Pasadena, TX

Welcome to Lamar Institute of Technology—Dr. Bob Krienke

Dr. Bob Krienke welcomed all in attendance to Lamar Institute of Technology. He provided information that LIT had received its SAC accreditation through 2015. He also related that LIT had received a nice write-up in Community College Week and that MSNBC had filmed about six to seven hours on the process program and students operating the LIT process unit. He said that the filming would be shown on September 5th on the Terry Bradshaw show. He also made mention of several additional articles touting LIT's business and education partnership and their work with 11th and 12th grade girls exploring careers in manufacturing. Dr. Krienke introduced the Honorable Guy Goodson, Mayor of Beaumont.

Welcome to Beaumont—Honorable Guy Goodson, Mayor of Beaumont

The Honorable Guy Goodson, Mayor of Beaumont welcomed all in attendance to the city of Beaumont. He thanked the GCPTA for having their meeting in his city. He talked about the collaboration between the city of Beaumont and Lamar Institute of Technology. He stated that he, the city council, and the Chamber of Commerce of Beaumont were committed to building a community with opportunities to obtain and build jobs in the petrochemical industry.

Introduction of the Keynote Speaker Dick Townsend, Site Manager, ExxonMobil Chemical Company—Ronnie Baker

Ronnie Baker with ExxonMobil and Chairman of the Lamar Institute of Technology Advisory Committee since it's beginning introduced the Keynote Speaker Dick Townsend, Site Manager, ExxonMobil Chemical Company—Beaumont, Texas.

Keynote Address—Dick Townsend, Site Manager, ExxonMobil Chemical Company, Beaumont, TX

Dick Townsend spoke about the challenges the chemical industry is currently facing. He pointed out that hydrocarbon rich countries in the Mid East and in other areas are now expanding their facilities and using their natural resources to better their people. He said that state of the art technology and the exploitation of cheap labor are major obstacles for the U.S. industry to overcome. He went on to say that China with its cheap labor rates, which Allen Greenspan recently stated, are about one thirty-third of what they are in the United States, is making China a big player in the industry. This has led to a number of American companies outsourcing to other countries because of cheap labor. He stated that he believes that this would be a trend that would be faced by the U.S. industries for several decades to come.

He also stated that high-energy costs are hurting the U.S. industries. He said that the days of cheap energy in the U.S. is over and that new projects to allow for natural gas to come into the country are

underway. While he said it wouldn't necessarily drive the prices down, it could smooth out the spikes in energy costs.

He went on to say that unbridled environmental activism is also a deterrent to the refining and chemical industries. He said because of this activism, no new refineries have been built in the U.S. in the last 20 years and that people have developed the attitude of "not in my back yard". He said that activists have made the public believe that industry is a filthy commodity. He said that many people fail to realize that the chemical and refining plants are very clean and involve high technology. He pointed out that the Southeast Texas air quality has improved steadily over the past 30 years.

He noted that with the aforementioned obstacles that the only way American industry will stay on top would be with a highly skilled workforce that will steadily improve the safety and reliability of our plants.

He also stated that the baby boom generation is leaving the industry and that replacing them is a challenge. He went on to say that the process technicians of the future and the people in the industry would provide the competitive edge to stay ahead in the United States. He said these technicians would have to have skills, knowledge, and the desire throughout their career and be willing to continuously improve.

Introduction of GCPTA Executive Committee Members—Steve Erickson

Steve Erickson, GCPTA Executive Director, introduced the GCPTA Executive Committee. Steve thanked Lamar Institute of Technology for hosting the meeting in their state-of-the-art facility.

Recognition of Newly Endorsed College—Ed Stiles & Dorothy Ortego

Ed Stiles and Dorothy Ortego presented an endorsed college plaque to Del Mar College. Denise Rector accepted the plaque for the college.

Program Outline—Ed Stiles

Ed Stiles informed those in attendance of the round-table format.

Round Table Discussions

1. "Thinnin' Out the Herd" (Industry Hiring Requirements and Selection Practices) – Yolanda Avery, Facilitator

Discussion was held on the following:

- The group talked about preparing graduates and potential job applicants through project job interview.
- Behavioral Interview Questions
- Teamwork Questions
- Background Check
- Physical Background
- Psychological Testing
- Internship Process
- Work Demonstration Test
- Third Party Interviews
- Work Keys

2. "Keepin' Your Pard from Skedaddlin" (Maximizing the Value of Advisory Committees)—Ronnie Baker, Facilitator

Discussion was held on the following:

- Absolute Buy-In from: Industry, Colleges, Advisory Board & Management
Group ranked this second in importance.
- Shared Goals: Mission, Vision, & Charter
Group ranked this most important.
- Regular Scheduled Meetings
Group ranked this fourth in importance.
- Open Communication
Group ranked this third in importance.
- Integrating and Orienting New Advisory Committee Members

- Benchmarking of Advisory Board
- Attract Industry to Join

3. “The Good, the Bad, and Ugly of the Roundup” (College Recruitment Practices—What Works)—Dorothy Ortego, Facilitator

Discussion was held on the following:

- Utilize Industry—HR, PR, Plant Managers
- Tech Prep Program
- High School Career Days
- Counselor/Teachers – Math & Science
- Media Blitz
- Middle Schools – Stir interest in Science
- Recruit Undeclared Students on your Campus
- Set Goals – Graduates plus Loss
- Offer Technology as Alternative
- Reality Store – CAPT
- Target Parents
- Workforce Development

4. “Grabbin’ a Grubstake” (Obtaining Industry Support – From a College Perspective)—Harry Wood, Facilitator

Discussion was held on the following:

- Where are you getting your dollars from?
\$50K/yr Supporting Scholarships
In-Kind Policy (Lamar) – Equipment Donations
- Approach Industry with a Product—What do they see as value?
- What is Industry looking for?
Partnerships – they want to be involved
Huge Advantage – they want to do education
Forward Thinking – they have to think about the technician of tomorrow and they want you to think that way too
Use your Facility as a Showplace
- Contact Associations – Form Consortiums for Poor Areas
- “Super” Advisory Board – Cluster Approach – not the day to day stuff, the CEO’s
- Needs: Education & Industry need to work together to tackle government.

CAPT Update – Joanna Kile

Joanna Kile provided the following update of CAPT activities:

Skill Standards

- Chemical/Refining Process Technician and Oil and Gas Production Technician standards are now available online.
- The Pharmaceutical Process Technician work-oriented information has been collected at a number of companies in Michigan, Puerto Rico and New Jersey. Validation begins in September in Puerto Rico.

Assessments

- Chemical/Refining assessment will be piloted at several locations including:
 - ✓ Louisiana—Baton Rouge Community College, McNeese State, Sowela
 - ✓ New Mexico
 - ✓ North Dakota—Bismarck State
 - ✓ Oklahoma
 - ✓ Texas—Brazosport College, College of the Mainland, Lamar Institute of Technology
 - ✓ Virgin Islands
- Decisions regarding the performance component of the assessment will be made at the annual conference.

Textbooks

- The Introduction to Process Technology textbook is scheduled to go to the printer on August 31. The book will be delivered in January 2006. Thanks to the Curriculum and Education Committee for their hard work during the past year and in the weeks to come. We could not be successful without you.
- CAPT has begun writing chapters for the HSE textbook. Reviews will begin in September.

Professional Development Opportunities

- BP Oil and Gas Institute, Alaska – Faculty from Texas, Louisiana and Mississippi participated.
- Pulp and Paper Institute, Alabama was held in June.
- 15 Faculty Internships: Texas (5) and Louisiana (3)

Critical Issues and Best Practices Conference

- October 19 – 21, 2005 in Houston, Texas
- Faculty scholarships will be available to attend CIBP. Deadline for application is August 31, 2005.

Virtual Chemical Plant

- 5th – 8th grade math and science activities are now available at www.capttech.org/vcp.htm.
- Career Awareness workshops (including Virtual Chemical Plant information) held in Alaska (UAA), North Dakota (Bismarck State) and Texas (Brazosport).

Program Survey

- Did you know that there are 3585 students in Process Technology?
- Did you know that we had 727 students graduate with an AAS degree in Process Technology during the 2003-2004 academic year?
- Did you know that Process Technology programs grew from 17 programs in 1999 to 36 programs in 2004?
- The Trends in Education Program document is now available for download at www.capttech.org under Press Center and Surveys. Print copies are available for \$5 per document.

NSF Continuation Grant for CAPT Support

- Grant covers September 2005 – August 2009
- Awarded \$2,999,980
- Under the new grant, money will be available for:
 - ✓ Science and Technology Preview (SteP) – high school female institute
 - ✓ Career Awareness Workshops (CAW) – for 5-8th grade teachers and counselors to provide PTEC™ career awareness and teach the CAPT Virtual Chemical Plant and activities
 - ✓ Open House for parents, new students, teachers and counselors

Other News

- CAPT has partnered with Noel Levitz to create a survey for first-year process technology students to ascertain their motivation and influences for enrolling. Thanks to those of you who provided input on the first draft of the survey during July. GCPTA partner institutions that have agreed to participate include:
 - ✓ Alvin Community College
 - ✓ Baton Rouge Community College
 - ✓ Del Mar College
 - ✓ McNeese State
 - ✓ Sowela
 - ✓ Victoria College

If your institution would like to participate, please contact Debi Shoots at dshoots@comedu. The survey will be sent to institutions in August. The data must be collected and returned by the end of the first week in September.

- CAPT is developing an Incumbent Training Model for incumbents with greater than five years experience.

Joanna showed slides depicting: (1) CAPT's Alliance and College Partners; (2) CAPT's Two-year Degree Model; and (3) CAPT's Incumbent Model. These slides will be made part of the minutes. She also showed a video clip from two of the Career Awareness workshops held for 5th – 8th grade counselors and Science and Math teachers in Bismarck, North Dakota and Brazosport College in Lake Jackson, Texas.

Richard Cox with Baton Rouge Community College and Walter Tucker with Lamar Institute of Technology told the group about their experiences at the BP Oil and Gas Institute in Alaska.

For further information...

Joanna Kile
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. Texas State Technical University – Bobby Smith reported the following:

- 8 students enrolled
- 1 students in Interns/Coops
- 2 students on scholarship

Comments:

TSTC Marshall conducted a female STEP institute on June 7-9 and a male STEP institute on June 14-16. A total of 9 females and 19 males attended the institutes. The activities included teamwork exercises (Ropes course), and plant tours of TXU-Monticello and Pilgrim's Pride. A luncheon/visit to the local BP operations office was included. Process unit demonstrations, weird science chemistry experiments, computer exercises, SPC principles and panel discussions with Eastman Chemical Company reps were also in the curriculum. The week was concluded with a swim party and hot dog cookout. The great majority of the students had a wonderful time and asked about next year's STEP.

- Advisory Committee Meetings:

Met April 28, 2005

Scheduled to meet July 21, 2005

Hot Topics:

1. Improvements to the Co-op process. Items discussed included: expanded use of co-ops, better communication on co-op performance, and better documentation on work done by co-op.
2. The upcoming STEP institute.
3. Use of industry personnel in assisting instructors in various courses.

2. Del Mar College – Denise Rector reported the following:

- 70 students enrolled
- 4 expected graduates
- 3 students in Interns/Coops
- 1 student on scholarship (fall semester)

Comments:

Flint Hills Resources and the Corpus Christi Hispanic Chamber of Commerce sponsor scholarships each year for students who agree to study in a degree field and seek employment in the Coastal Bend following graduation. A current Process Technology student was successful in obtaining a scholarship award. It will be for the 2005-2006 school year.

- New Equipment:

Bayport Training and Technical Center is currently refurbishing a centrifugal pump for the college.

- Advisory Committee Meetings:

Met April 12, 2005

Scheduled to meet Fall, 2005

Hot Topics:

The program audit was completed and has been submitted to the GCPTA for committee consideration. Discussions during the audit meetings focused on expanding the internship program to more industry sites and the need for more hands-on equipment for the program.

3. **SOWELA Technical Community College – Linton Lecompte** reported the following:

- 131 students enrolled (summer 2005)
- 13 expected graduates spring 2005, 10 summer 2005, 25 fall 2005
- 2 students in Interns/Coops
- 1 student on Scholarship
- Comments:
We have a student that was selected by British Petroleum to spend the summer in the field of Exploration/Production, and one with Shell Oil.
Linton Lecompte is scheduled to spend a week aboard a Platform with British Petroleum.
Ernest Duhon made the Pulp and Paper Institute in Alabama.
- Student Organization Activities:
Our students participate in the Student Government Organization and hold two officers' positions.
- High School PTech Programs:
0 students participating
0 high schools participating
Comments:
The Girls Summer Camp was a big success this year, with a lot of credit going to Dorothy Ortego (McNeese Professor).
Also, at this time, we have an all out effort to recruit high school seniors/grads. Career Builders (with the help of local industry and education) is coordinating the efforts.
- New Equipment:
No new equipment over the last six months
- Advisory Committee Meetings:
Met June 15, 2005
Scheduled to meet July 27, 2005
Hot Topics:
 - ♦ Exit Exam, which we are scheduled to pilot on August 15, 2005.
 - ♦ The Summer Camp for young ladies, which was a huge success.
- New Best Practice:
We conducted an Open House on June 15, 2005, which was a big success.
- Upcoming Events:
Dr. Hughes and Linton Lecompte will be speaking (about PTEC) at a couple of CAP (Community Advisory Panel) meetings on August 16th and September 8th, 2005.

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

- 11 students enrolled, 15-17 expected in fall 2005
- 4 expected graduates in May 2005, 6 expected graduates December 2005
- 7 students in Interns/Coops
- 1 student on scholarship
- Comments:
2 students interning with Shell Oil offshore
2 students interning with Mississippi Power Company, 1 graduate full time employment Mississippi Power
3 students interning with Chevron-Pascagoula, MS Refinery
1 graduate full time employment with Mississippi Phosphate Chemical Plant
Program is really growing; enrollment is expected to be at capacity.
Tommie Broome to faculty institute in Alaska.
- New Equipment:
Several Fisher Valves donated by Mississippi Power
- Advisory Committee Meetings:
Met June 7, 2005
Scheduled to meet October 2005, Dupont Chemical will host
Hot Topics:
 - Internships, permanent employment, strong support from Advisory members

- Attendance at CIBP Conference in October
- Construction of mobile classroom, joint effort by college, industry and vendors
- Growth and enhancement of program

5. **Delta College – Ron Good and Joan Sabourin** reported the following:

- 50 students enrolled
 - 10 expected graduates in April, 2006
 - 12 students in Interns/Coops
 - 0 students on scholarships
- Comments:
- The Dow Chemical Company, Midland Operations, sponsored internships for the summer. Students who completed their Junior year in Delta College's High School program are working for a six-week period and those who completed their Senior year in the program are working for eight weeks. Five of the graduated seniors are continuing on in the Delta College Process Technology program. One of the Seniors is pursuing a Chemical Engineering degree, a career Dow Chemical views as being enhanced by the summer internship.
 - Dow Chemical has also accepted college internships for the first time during this summer of 2005. Three college students, currently between their first and second years, are taking part in an internship that lasts for a minimum of nine weeks. The internships could potentially continue into the fall semester.
- High School PTech Programs:
13 students participating
5 high schools participating
Comments:
The High School program is changing focus this fall. Rather than following a High School format with articulated credit, the format is being changed to actual Delta College courses on the college schedule. The courses, however, will be closed enrollment, available presently to only the high school students. This will involve some curriculum changes as we head into new territory. More details will follow as the program progresses.
 - New Equipment:
Dow Corning Corporation, Midland Site, donated two new, unused vacuum blowers, three new Differential Pressure cells, a new B & S gear pump, and a 30" bag filter housing and filters. The significance of hands-on training, particularly in the areas of teaching mechanical aptitude to the high school students, is greatly enhanced by these donations.
 - Advisory Committee Meetings:
Met May 26, 2005
Scheduled to meet September 13, 2005
Hot Topics:
 - Delta College is one of the pioneer members of the newly formed Great Lakes Process Technology Alliance. The first two alliance meetings were March 4, 2005 at Tri-State University in Angola, IN and June 24, 2005 at Delta College, University Center, MI. Johnny Payne from BP and Merv Treigle and Joanna Kile from CAPT have been extremely helpful mentors.
 - Website for Process Technology Advisory Board members to be able to see all meeting agenda, minutes, action items, and member postings was shared with the board.
 - Funds were obtained through the Delta College Foundation to support two camps for Middle and Early High School students to investigate careers in Process Technology.
 - New Best Practice:
Ron Good attended the CAPT workshop at Alabama Southern Community College through the National Network of Paper and Pulp Technology Training: it was an excellent workshop. As a result of this workshop, Ron will be including practical applications to course content to better prepare students for working with diverse Process Technologies.
 - Upcoming Events:
September 13, 2005—Process Technology
October 7, 2005—Great Lakes Process Technology Alliance Meeting
October 21, 2005—Career Pathways 2005

6. **Alvin Community College – Mark Demark** reported the following:
- 100 students enrolled
 - 30 expected graduates
 - 0 students in Interns/Coops
 - 5 students on scholarships
- Comments:
Student scholarships provided by grants from BP (now Innovene Chemical), Lubrizol, and ACC.
- High School PTech Programs:
No students participating
No high schools participating
Comments:
Working with the Shell Grant to enhance our TechPrep program. ACC conducted a 2-day Process Technology Forum May 11-12, 2005, for four area high schools. Herb Myers coordinated the event, which included presentations by adjunct instructors, former students, and industry representatives. In the afternoons, we visited Solutia and Innovene Chemicals.
 - New Equipment:
Innovene contributed several valves and miscellaneous equipment that we jointly selected from their Polypropylene Plant #1 that is scheduled for demolition. Four new Dell Optiplex GX 620PC desktop computers were purchased for the Process Simulator laboratory.
 - Advisory Committee Meetings:
Met June 8, 2005
Scheduled to meet September 14, 2005
Hot Topics:
Shell grant; 2005-2006 Process Technology budget; Innovene donations and tour of Process Technology classrooms, labs, and equipment; Project Interview; new advisory committee chairperson and GCPTA representatives (next meeting action items).
 - New Best Practice:
Advisory committee meeting notes and attachments posted on ACC Process Technology web page <http://www.alvin.cc.tx.us/DEPT/ProcessTech/AdvComm.htm>
 - Upcoming Events:
Next Process Technology Forum September 2005; contact Herb Myers for exact date: hmyers@alvincollege.edu
7. **San Jacinto Community College Central — Mike Speegle** reported the following:
- 153 students enrolled
 - 4 expected graduates
 - 1 students in Interns/Coops
 - Unknown number of students on scholarships
 - New Equipment:
Still assembling a 10 gallon stirred batch reactor hands-on training unit. Hope to have available for hands-on training by the middle of the Fall 2005 semester.
Have begun to construct a sand filter (filtration) trainer with tanks, pumps and filter tower. It will also be a hands-on trainer.
 - Advisory Committee Meetings:
Met April 20, 2005
Scheduled to Meet September 8, 2005
Hot Topics:
Donation of equipment to the department by Mosher Steam and Pumps.
Mike Speegle went on a 10-day oil and gas production externship to Alaska.
 - New Best Practice:
 - Oxyvinyl is allowing PTAC 2438 classes to tour their plant. Had 2 tours last semester. Lubrizol has offered to allow our higher level classes to tour their plant
 - Advisory committee members are visiting PTAC 2438 classes and answering student questions about working in the plants and expectations of new hires.
 - Held a female summer institute sponsored by Shell Oil. Twenty-three adult females attended for two days. Six of the ladies registered for the PTEC curriculum at the end of the second day. Shell has agreed to sponsor another institute next summer.

8. **Lee College – Charles Thomas** reported the following:
 - 404 students enrolled
 - 40-45 AAS expected graduates per year
 - 0 students in Interns/Coops
 - 3 students on scholarships
 - Student Organization Activities:
PTSA president Chris Cox-employed by Bayer after graduation.
 - High School PTech Programs:
20-25 students participating
2 high schools participating
Comments:
Expect large enrollment for FALL 2005. Instructor L. Seibert
Student Enrollment: 20-25, Closed for summer.
High Schools: Lee High School, Sterling High School
Classes taught on main campus, M-F 1:00-2:15 PM, TV -1, 205
 - New Equipment:
None
 - Advisory Committee Meetings:
Met April 2005
Scheduled to meet September 2005

9. **Louisiana Technical College-Ascension Campus – Cleve Marchand** reported the following:
 - 16 students enrolled
 - 1 expected graduate
 - 0 students in Interns/Coops
 - 6 students on scholarships
Comments:
Working on state committee on our internship course
 - Student Organization Activities:
SGA and looking into Skills USA
 - High School PTech Programs:
23-Fall, 19-Spring students participating
1 high school participating
Comments:
Working with Dutchtown High School in Ascension Parish.
 - New Equipment:
“Glass Lab” simulation, other simulation
Distillation trainer
 - Advisory Committee Meetings:
Met July 12, 2005
Scheduled to meet August 9, 2005
Hot Topics:
Hiring a full-time instructor
Contract has been signed for additional “Glass Labs”
 - New Best Practice:
Working with G.C. in high schools in our service area.
 - Upcoming Events:
Work with engineering firm for “Glass Labs”

10. **Houston Community College – Kenneth Hernandez** reported the following:
 - 89 students enrolled (spring 2005)
 - 14 expected graduates by spring 2006
 - 3 students in Interns/Coops
 - 0 student on scholarship
Comments:
BP (1), Berric Davis (2)
 - Student Organization Activities:
None at this time

- High School PTECH Programs:
0 students participating
0 high schools participating
Comments:
None at this time. Developing partnerships with H.S.
- New Equipment:
Valves, software, compressors, pumps donated by Berric Davis and Baytown Training
- Advisory Committee Meetings:
Met February 2005
Scheduled to meet September 2005
Hot Topics:
Mission and direction of program towards workforce and education.
- New Best Practices:
Two courses of MSU were taught under the HCC/MSU articulation partnership. All students enrolled were on scholarship from the NSF/ATE Gulf Coast Technology Articulation Partnership grant. Dr. Galitos presented a paper that was accepted and published at the proceedings of the 24th annual Offshore Mechanics and Arctic Engineering conference. The title of his presentation was: Integrity Management for Deep Water Floating Production Facilities: Towards Better and Safer Workforce Personnel.
- Upcoming Events:
Orientation for new PTAC students

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

- 8 students enrolled (summer)
- 6 students in Interns/Coops
- High School PTech Programs:
Unknown number of students participating
2 high schools participating
Comments:
Two area high schools, Brusly High School and Port Allen High School are offering PTEC 101 to their students.
- Advisory Committee Meetings:
Met May 21, 2005
Scheduled to meet June 28, 2005
- Upcoming Events:
The Education Committee of the La. State PTEC Advisory Board has set up training for all PTEC instructors at the Shell Robert Oil and Gas Training Facility in Robert, La. It will be held August 8 and 9.

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

- 5 expected graduates
- 5 students in Interns/Coops
- 1 student on scholarship
Comments:
We still have 4 in the H.B. Zachery operator internship program at Equistar Chemical in Bay City, TX.
- New Equipment:
We are expected to receive Perkins Grant money any day now and with it will purchase several new and state of the art equipment and repair some existing. Some of those items will include some Prime Media Computer based programs, some models from Bayport Training and some Ingenious Inc.'s Prodyn simulation, as well as upgrade our DTU-100 at Bayport Training and add the new chiller unit. Also, waiting on Cascade unit skid from Emergency World Consultants, purchased through Advisory Committee money (Equistar, Nalco and Celanese)
- Upcoming Events:
We are currently not having PTAC classes this summer, but in the fall are starting to offer the full gamut of PTAC courses at Bay City, and in the spring of 06 will begin offering limited PTAC courses at the Sugarland and Ft. Bend campuses and by summer of 06, hope to be ready to offer web based courses (some utilizing Ingenious Inc.'s Prodyn simulation).

13. **College of the Mainland – Mike Cobb** reported the following:
- 218 Seats (students enrolled)
 - 50-60 expected graduates in May 2006
 - 7 students in Interns/Coops
 - 20 student on scholarship
 - Student Organization Activities:
PTEC Student Organization meeting monthly and recently elected officers
 - High School PTech Programs:
18 students participating
3 high schools participating
 - New Equipment:
Reactor lab under construction. Budget restraints have slowed progress.
 - Advisory Committee Meetings:
Met June 14, 2005
Scheduled to meet September 13, 2005
Hot Topics:
Combination of Hazmat Course with Safety, Health & Environment Course (PTAC-1308) Reactor Lab progress.
 - New Best Practice:
Use of Fire Retardant Clothing during the PTEC 40 Hour Run.
 - Upcoming Events:
40 Hour Run – August 18-20, 2005
14. **Lamar Institute of Technology – Walter Tucker & Harry Wood** reported the following:
- Summer I—55 students enrolled; Summer II—74 students enrolled
 - 2 expected graduates
 - 5 students in Interns/Coops
Comments:
Eastman Chemical Company has created a new scholarship program at LIT for process, instrumentation and industrial maintenance.
ExxonMobil through the Charleston Pollard Neighborhood Council has given full scholarships to two students to major in process technology at LIT and gave seven other \$500 scholarships.
ExxonMobil also presented two \$500 scholarships to current LIT process majors.
LIT students received 15 other scholarships from the following companies: DuPont, Bridgestone-Firestone, Sabine Petrochemical Industries, Invista, and ChevronPhillips.
 - High School PTech Programs:
10 students participating
1 high school participating
 - New Equipment:
Lamar University has a distillation plant they would like to give to LIT.
 - Advisory Committee Meetings:
Met April 28, 2005
Scheduled to meet August 11, 2005
Hot Topics:
MSNBC had a camera crew on campus on July 14, 2005 to film our distillation unit in operation. Mr. Paul Rodriguez and students from his Industrial Process and Operations' classes conducted a 12-hour run for them.
Walter Tucker attended a one-week faculty return to industry internship offshore on the NaKika from June 19-24, 2005 sponsored by BP. He also participated in a Summer Institute on Oil and Gas from July 9-17, 2005 in Alaska sponsored by BP.
15. **Louisiana Technical College-River Parishes – George Foret** reported the following:
- 82 students enrolled
 - 14 expected graduates
 - 8/0 students in Interns/Coops
 - 15 students on scholarships
Comments:

The following companies participate in our internship program:
Shell Chemicals-Geismar, Marathon Ashland Petroleum, Entergy Operations Inc., Chevron Phillips Chemical Company, Shell E&P Offshore.
Scholarships offered by: Dow, Shell, St. Charles, Nalco, Ascension, and Career Builders\
Special Program Assistance from PELL, WIA, and STEP.

Interactive learning.

- Student Organization Activities:
SGA
- High School PTech Programs:
Comments:
Summer Semester – No high school students presently enrolled.
- Advisory Committee Meetings:
Met June 29, 2005
Scheduled to meet August 31, 2005
Hot Topics:
Scarce classroom space to accommodate growing student enrollment combined with new-hire Specialized training. Methanol Unit Upgrade, Addition of a Glycol Unit.
- New Best Practice:
BP Oil & Gas Summer Institute – Alaska
- Upcoming Events:
Critical Issues and Best Practices Conference: October 19-21, 2005

16. **Brazosport College – Gary Hicks** reported the following:

- High School PTech Programs:
Comments:
The college will start a dual credit program with Angleton High School this fall.
- New Equipment:
We will be building a training unit to send to Angleton High School for dual credit courses at the high school campus.
Building a new control room and installing a new control system in our outside distillation unit.
- Advisory Committee Meetings:
Scheduled to meet September 12

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

- 29 students enrolled (summer)
- 1 expected graduate
- 4 students in Interns/Coops
Comments:
 - 23 girls attended PTEC-Just for Girls Summer Camp as a joint camp hosted by McNeese and Sowela.
 - We hosted a workshop for science/math high school teachers—generated interest in field and had 14 local area instructors attend. Feedback was great!
 - PTEC Blitzes occurred in May. These are a short presentation to selected high schools' classes or students.
 - MSU hosted Recruitment Strategies for Women in Technical Fields on May 23 and 24.
- New Equipment:
Received a grant to upgrade to Simtronics to version 6. We will hopefully have it installed by the start of the new semester.
- Advisory Committee Meetings:
Met June 24 and July 27, 2005
Scheduled to meet August 19
Hot Topics:
 - What to do with the extra girls that applied for the summer camp. There were 83 more applicants than space allowed.
 - Our industry advisors are mounting a publicity campaign to help increase enrollment at both of the schools in the area.
- Upcoming Events:

Fall semester starts August 18, 2005. Our enrollment in the Introduction to Process Technology course is the highest it has been in 3 years.

New Business

Steve Ames thanked Lamar Institute of Technology for hosting the meeting. He also thanked Guy Goodson, the Mayor of Beaumont and Dick Townsend with ExxonMobil for their participation and thanked the companies who donated give-a-ways for the meeting. He reminded everyone about the upcoming CIBP meeting on October 19, 20 & 21 at South Shore Harbour Resort and Conference Center and the GCPTA meeting on November 11 at the L'auberge du Lac Hotel & Casino in Lake Charles, Louisiana.

Website Change

The GCPTA has a new Website address www.gcpta.org. The old Website address www.processtech.org will be utilized by the Center for the Advancement of Process Technology (CAPT) to promote the career. If your school or company has information or news related to alliance activities, contact the Webmaster by e-mail bobkosar@verizon.net to have it posted on the site.

Alliance Website

- Website www.gcpta.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, November 11, 2005*
L'auberge du Lac Hotel & Casino
Lake Charles, Louisiana

*****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