

# GCPTA

## Fall 2007 College Semester Reports

### 1. Alvin Community College – Mark Demark reported the following:

- **Student Information:**
  - 180 students enrolled
  - 30 expected graduates
  - 2 students in Interns/Coops
  - 10 students on scholarship
- **Student Organization Activities:**

None
- **Comments:**
  - Conducted our bi-annual High School Forum 11-7-2007
  - Conducted our annual Open House 6-20-2007
  - Conducted our bi-annual Project Interview 11-2-2007
- **High School PTEC™ Programs:**
  - **Number of students:** none
  - **Number of High Schools:** none
- **Comments:**
  - Alvin High School; has indicate4d a desire to start a program and we will pursue it after the holidays.
- **New Equipment:**
  - Purchased 3 tutorials from Envision: Pumps, Distillation, and Acetylene Converter, with funds received from the Carl Perkins Annual Grant. We now have a complete set of 7 Envision tutorials.
  - Installed new National Instruments controllers and LabView software to replace traditional analog instruments on our existing level and flow and level experiments and it is working extremely well.
- **Advisory Committee Meetings:**
  - Recent past date met 12-12-2007
  - Next scheduled date to meet 3-12-2008
- **Hot Topics:**
  - Plant visits; internships; job shadowing; Mission-Strategy-Goals; pilot plant operations; budget
- **New Best Practice:**
  - BP has donated \$90K toward purchase of a Bayport Training & Technologies Total Trainer. We will use it to rebuild PTAC 2438 Process Technology III around this trainer.
- **Upcoming Events:**
  - Spring High School Forum May 2008
  - Added MATH 1333 as an approved course to fulfill the math requirement

### 2. Baton Rouge Community College – Dr. Sharon Flanagan reported the following:

- **Student Information:**
  - 315 students enrolled
  - 18 expected graduates fall
  - 17 students in Intern/Coops
  - 5 students on scholarships
- **Student Organization Activities:**
  - PTEC Club not active this Fall
- **Comments:**
  - We are pursuing the design and building of a PET Unit (ethylene glycol and water) to be sited on the Frazier site. This unit will provide a two story unit with instrumentation and control room that students and incumbent workers can use to do both initial training and additional training after hire. This is currently on of the Chancellor's projects and subsequently will be designed in the next semester and move forward accordingly.

- The Carl Perkins PTEC Computer Lab is up and running with new computers and installed software. More Simtronics licenses are being purchased to accommodate the growing class size.
- **High School PTEC™ Programs:**
  - Number of students:** 12
  - Number of High Schools:** 1
- **Comments:**
  - Scotlandville High School reactivated its interest in the program. Students were privileged to have equipment purchased through the Carl Perkins monies. PTEC 101 was taught. Plans are to teach PTEC 203 the safety course in the Spring.
- **New Equipment:**
  - None purchased this semester. Hydraulic Trainer to be ordered this Spring.
  - Donations of particle size analyzer, Amperometric titrator, Spectronic 601 and 501, PH/Conductivity meter, Burrell Gas Analyxix apparatus
- **Advisory Committee Meetings:**
  - Recent past date met November 29, 2007
  - Scheduled to meet January 25, 2008
- **Hot Topics:**
  - Recruitment of Military
  - Marketing Committee for the Advisory Board – work on recruitment of students
  - Reception for PTEC Graduates – December
  - Hiring a PTEC Program Manager
- **New Best Practice:**
  - Blackboard site for all PTEC students – Called Job Source it posts testing dates and information, job availability, internships, announcements for activities, information from the Dean. It is very useful and is being used by students. We posted our Graduate Survey and almost 90% of the students returned theirs!
- **Upcoming Events:**
  - PTEC Weekend for Women – February (might have to be moved due to planning)
  - Two additional high schools want PTEC 101 one in East Baton Rouge Parish and one in West Baton Rouge Parish across the river.

3. **Del Mar College Denise Rector-** reported the following:

- **Student Information:**
  - 100 students enrolled
  - 8 expected graduates
  - 2 students in Interns/Coops
  - 8 students on scholarship
- **Student Organization Activities:**
  - None
- **Comments:**
  - Valero Refining has given scholarships to two Process Technology students for the spring semester. Flint Hills Resources has given full-ride scholarships to eight students who are at various stages of the program.
- **High School PTEC™ Programs:**
  - Number of students:** 0
  - Number of High Schools:** 0
- **Comments:**
  - We do not have any students in high school programs at this time, but we are working to encourage students to sign up for dual credit classes which we will be offering to the local and area high schools in the fall, 2008, semester.
- **New Equipment:**
  - None
- **Advisory Committee Meetings:**
  - Recent past date met December 6, 2007
  - Scheduled to meet date February 21, 2008

- **Hot Topics:**
  - We discussed changes that are occurring in the building where the Process Technology program is located. How Del Mar College is preparing for our accreditation process; our current GCPTA status, possible sources of funding for equipment through our Foundation office; and the possibility of adding oil & gas curriculum to our program.
- **New Best Practice:**
  - none
- **Upcoming Events:**
  - College faculty will be participating in the Corpus Christi Chamber of Commerce Youth Conference which will focus on the petrochemical industries and the careers available in those facilities.

**4. SOWELA Technical Community College – Joe Hutchins reported the following:**

- **Student Information:**
  - 414 students enrolled
  - 39 expected graduates
  - 0 students in Interns/Coops
  - 0 students on scholarship
- **Student Organization Activities:**
  - None
- **Comments:**
  - None
- **High School PTEC™ Programs:**
  - **Number of students:** 6
  - **Number of High Schools:** NA
  - **Comment:** none
- **New Equipment:**
  - Hose Connection Trainer - CITGO
- **Advisory Committee Meetings:**
  - Recent past date met: 11-27-2007
  - Next Scheduled Date to meet: 1-22-2008
- **New Best Practice:**
  - None
- **Hot Topics:**
  - Internships – Need for Instructors
- **Upcoming Events:**
  - None

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

- **Student Information:**
  - 85 students enrolled
  - 5 Aug; 8 Dec expected graduates
  - 9 students in Interns/Coops
  - 16 students on scholarship
- **Student Organization Activities:**
  - No present student organization
- **Comments:**
  - Students are interning with Shell, BP Deepwater and BP Gas Plant and Chevron Refinery
  - Chevron Pascagoula Refinery awarded \$18,000 in scholarship money to 16 students
  - Chevron Pascagoula Refinery also contributed \$30,000 to hire a second instructor for Spring 08
  - Chevron Pascagoula Refinery funded a TV recruiting ad that is running on WLOX-TV
  - We are now offering daytime and night classes.

- **High School PTEC™ Programs:**
  - Number of students: 0
  - Number of High Schools: 0
- **Comments:**
  - None
- **New Equipment:**
  - Finally received the last of the equipment purchased from Bayport
- **Advisory Committee Meetings:**
  - Recent Past Date met: 10-18-2007
  - Next Scheduled Date to meet: 2-2008 tentative
- **Hot Topics:**
  - Program growth, new instructor
  - Enrollment is brisk for the Spring semester
- **New Best Practice:**
  - None
- **Upcoming Events:**
  - None

6. **The Victoria College – Anita Brunsting** reported the following:

- **Student Information:**
  - 75 students enrolled summer session
  - 2 expected graduates
  - 0 students in Interns/Coops
  - 20 students on scholarship
- **Student Organization Activities:**
  - None
- **Comments:**
  - None
- **High School PTEC™ Programs: n/a**
  - Number of students:
  - Number of High Schools:
- **Comments:**
  - w/pressing need for more graduates, several local high schools are interested in a ptec program – hope to have at least 2 high schools on board by Fall 2008
- **New Equipment:**
  - None
- **Advisory Committee Meetings:**
  - Recent Past Date met: 9-26-2007
  - Next Scheduled to meet: 12-12-2007
- **Hot Topics:**
  - Need for graduates, need for more adjunct instructors – waiving the degree requirement for hiring (one plant here has already done that – INVISTA)
- **New Best Practice:**
  - None
- **Upcoming Events:**
  - Have been conducting more continuing education training w/local plants that ever before.
  - Used the process tech lab for 4 days for a local plant's new hire training

7. **San Jacinto Community College Central - Mike Speegle-** reported the following:

- **Student Information:**
  - 320 students enrolled
  - 30 expected graduates
  - 7 students in Interns/Coops
  - 12 students on scholarship
- **Student Organization Activities:**
  - None

**Comments:**

- 8 students received \$500 scholarships from Lubrizol; 4 female students received special \$1000 scholarships from Lubrizol; 3 students received continuing scholarships from Shell.
- Shell has agreed to fund another Process technology Female Summer Institute for June of 2008.
- Shell has agreed to sponsor two summer PTEC sessions for people interested in process technology and career changes.
- **High School PTEC™ Programs:**
  - Number of students:** none
  - Number of High Schools:** none
- **Comments:**
  - Dual credit programs have been established at Deer Park and Pasadena high schools.
  - This semester 7 students participated.
- **New Equipment:**
  - BP donated \$50,000 for the purchase of a modular reactor system manufactured by Hampden Engineering. Still has not been installed.
- **Advisory Committee Meetings:**
  - Recent past date met: November 12, 2007
  - Next Scheduled date to meet: February 12, 2008
- **Hot Topics:**
  - Review of syllabi
  - Committee has agreed to try for the Trail Blazer Award
  - Survey of Newly hired graduates
  - Mock interviews with industry
  - Texas Skill Standards Board – department has been recognized.
- **New Best Practice:**
  - None
- **Upcoming events:**
  - Job Fair in February

**8. Nunez Community College – Keith Tolleson reported the following:**

- **Student Information:**
  - 208 students enrolled
  - 30 expected graduates next Spring
  - 11 students in Interns/Coops
  - 7 students on scholarship
- **Student Organization Activities:**
  - We will conduct a Career Fair for our PTEC student and our industry supporters on November 13, 2008.
- **Comments:**
  - We have received two \$5,000 donations from Entergy and Air Products for the PTEC scholarship fund.
  - We have 4 interns with Murphy Oil; 4 at Domino Sugar; 1 at Chalmette Refinery, and 2 at Shell-Motiva
- **High School PTEC™ Programs:**
  - Number of students:** 25
  - Number of High Schools:** 2
- **Comments:**
  - 5 students at Chalmette High School
  - 20 students at O. Perry Walker High School
- **New Equipment:**
  - An acrylic model of a cabin heater.
  - DAC 603 Instrumentation Trainer

- DAC 619 Flow Measurement Trainer
- Chalmette Refinery donation: 1 Honeywell 3000 TDC console
- Murphy Oil Company: Yokogawa Training Simulator software
- Hamden Engineering: 15# Steam Boiler Trainer
- **Advisory Committee Meetings:**
  - Recent past date met: 8-30-07
  - Next scheduled date to meet: 11-13-07
- **Hot Topics:**
  - Internships
  - Scholarships
  - Targa Resources has joined our group as an Industry Supporter and advisory committee participant.
- **New Best Practice:**
  - Attended CIBP conference in Houston
  - Hired another full-time PTEC Instructor for this semester
  - Hired 2 additional adjunct instructors for the up-coming spring semester.
- **Upcoming Events:**
  - Will be starting a new BOT class for Murphy Oil in early December

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

- **Student Information:**
  - 33 students enrolled
  - 4 expected graduates
  - 3 students in Interns/Coops
  - 3 students on scholarship
- **Student Organization Activities:**
  - None
- **Comments:**
  - None
- **High School PTEC™ Programs:**
  - **Number of students:** 0
  - **Number of high schools:** 0
- **Comments:**
  - None
- **New Equipment:**
  - We purchased a natural gas scrubber/stripper computer simulation from ingenious. We are in the process of evaluating this system for incorporation into our curriculum.
- **Advisory Committee Meetings:**
  - Recent past date met: 11-8-07
  - Next scheduled date to meet: 2-21-08
- **Hot Topics:**
  - The need for a multi skilled process technician was discussed (skilled in certain unit operations as well as repair and troubleshooting of instruments, PLC's, analyzers, etc). This type of multi skilled process technician is needed in the rapidly growing natural gas processing.
- **New Best Practice:**
  - None
- **Upcoming Events:**
  - None

10. **LTC – River Parishes – Glenn Sellars** reported the following:

- **Student Information:**
  - 389 students enrolled
  - 45 expected graduates
  - 19 students in Interns/Coops
  - 7 students on scholarship

- **Student Organization Activities:**
  - Several Plant Field Trips.
  - Preparing for Spring Fest
- **Comments:**
  - We have interns at Entergy, Dupont, Marathon, Dow, Mosaic, Kaiser Alumina, and Motiva.
  - There are several others in the wind.
- **High School PTEC™ Programs:**
  - **Number of students:** 35
  - **Number of high schools:** 4
- **Comments:**
  - We took in approximately 87 new students this semester. Approximately 14 finished the program this past semester, and approximately 100 others either sat out, got plant jobs early (their doing) or dropped the program
- **New Equipment:**
  - Still trying to convince my superiors to spend money on training aids, computer software, updates to our Yokgowa DCS system to replace Wonderware in the glass labs.
- **Advisory Committee Meetings:**
  - Recent past date met: 1-23-2008
  - Next scheduled date to meet: 3-19-2008
- **Hot Topics:**
  - Scholarships and Old business
- **New Best Practice:**
  - Making the best with what we have. “Old computers, classroom space, State hiring freeze, etc”
- **Upcoming Events:**
  - We have a COE accreditation coming up in mid March

11. LTC - Ascension – Paul Waggenpack reported the following:

- **Student Information:**
  - 92 students enrolled
  - 5 expected graduates
  - 14 interns, students in Interns/Coops
  - 8 students on scholarship
- **Student Organization Activities:**
  - None
- **Comments:**
  - The Spring 08 numbers are 122 total enrollment 5 interns
  - 7 projected graduates
  - The number of scholarships are 12
- **High School PTEC™ Programs:**
  - **Number of students:** 20
  - **Number of high schools:** 5
- **Comments:**
  - I have picked up 22 new high school students Spring 08. This is in addition to the 20 in PTEC course being taught at Dutchtown High. Therefore I have a total of 42 high school students.
- **New Equipment:**
  - Installed 10 copies of Distillation model from Ingeneous technologies on lab computers, purchased with a grant from Shell Oil.
- **Advisory Committee Meetings:**
  - Recent past date met: 1-14-2008
  - Next scheduled date to meet: 3-11-2008
- **Hot Topics:**
  - In need of a new full time instructor. We have lost two instructors. One night adjunct has taken a job at BRCC. The other part time Mon – Wed- Friday day instructor has announced his retirement.
  - Need a coordinator for BOT

- **New Best Practice:**
  - None
- **Upcoming Events:**
  - None

**12. Kilgore College – Dewey Greer** reported the following:

- **Student Information:**
  - 29 students enrolled
  - 12 expected graduates
  - 5 students in Interns/Coops
  - 16 students on scholarship
- **Student Organization Activities:**
  - None
- **Comments:**
  - Enbridge Energy and Eastman Chemical Company offer scholarships for the students
  - Kilgore College also offers the students Scholarships for Process Technology
  - The number of scholarships are 12
- **High School PTEC™ Programs:**
  - **Number of students:** 9
  - **Number of high schools:** 1
- **Comments:**
  - Duel credit class at Longview High School for PTAC 1302-Introduction to Process Technology and PTAC 1308-Safety, Health, and Environment I.
- **New Equipment:**
  - Enbridge Energy donated a training unit on a trailer to be used for Process Technology and Petroleum.
  - Eastman Chemical Company donated trainer for use in the program
- **Advisory Committee Meetings:**
  - Recent past date met: 11-02-07
  - Next scheduled date to meet: 2-29-08
- **Hot Topics:**
  - Program Recognition
  - Continuous Improvement of Program
- **New Best Practice:**
  - Computer Delta TV Control installed on equipment
  - Simtronic's simulator computer training
- **Upcoming Events:**
  - Industry Validation Meeting 2-28-08
  - Advisory Board Meeting 2-29-08
  - LEDCO Job Fair Longview TX

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

- **Student Information:**
  - 75 students enrolled
  - 14 expected graduates
  - 2 students in Interns/Coops
  - 1 students on scholarship
- **Student Organization Activities:**
  - None
- **Comments:**
  - Still working to get back into our buildings post Hurricane Rita.
  - Equipment repairs to cutaways have been completed and equipment is ready to be moved back into building.
  - We have received computers to replace a 25 chair computer classroom and all faculty computers.
  - Students have internship opportunities at Shell, BP, and Invista.

- **High School PTEC™ Programs:**  
**Number of students: 0**  
**Number of high schools: 0**  
**Comments:**
  - Still trying to get a high school program started.
- **New Equipment:**
  - Basell and Honeywell donated a DCS system for use in the College between Engineering and our program; Entergy repaired/rebuilt the steam boiler, turbine and power generation system; purchased an Instrument Trainer, Chemical Injection Pump Trainer, Multi-stage centrifugal pump cutaway, and flange and gasket trainer through grant funds; increased the number of Simtronics workstations for process to 17 stations.
- **Advisory Committee Meetings:**
  - Recent past date met: 10-23-07
  - Next scheduled date to meet: 11-27-07
- **Hot Topics:**
  - Five students scheduled for PTEX exam; Plans for Counselor's Luncheon; Budget for next year;
  - Election of new chair and co-chair
  - Conoco-Phillips donated \$10,000 for equipment
- **New Best Practice:**
  - Advisory Board invited new LNG companies to become part of our advisory board
- **Upcoming Events:**
  - Our PTEC program will participate in Engineering Week celebrations – Feb. 19 our students will demonstrate equipment and act as tour guides for ~400 students who come for competitions and demonstrations at the university.

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

- **Student Information:**
  - 124 students enrolled
  - 7 expected graduates
  - 5 students in Interns/Coops
  - 3 students on scholarship
- **Student Organization Activities:**
  - None
- **Comments:**
  - Lyondell Bassell and Oxea Celanese, two of our partners have really seen the benefits of the internships and have made offers upon graduation to most of the students. Currently Lyondell has two students in the Cp-Op and Oxea has 3. Each company has decided only to co-op each student one semester and not a second semester. This way they feel they can offer the program to more students.
- **High School PTEC™ Programs:**  
**Number of students: 0**  
**Number of high schools: 0**  
**Comments:**
  - None
- **New Equipment:**
  - We are looking at adding several large pieces, as well as some small, in a few months. We are also looking at increasing our simulators..
- **Advisory Committee Meetings:**
  - Recent past date met: 0
  - Next scheduled date to meet: 2-13-08
- **Hot Topics:**
  - Renewal of Endorsement and Texas Skill Endorsement, plus new equipment and simulators
  - Continuous Improvement of Program
- **New Best Practice:**
  - None
- **Upcoming Events:**
  - Local Advisory Board Meeting on 2-13-08