Executive Summary

The 2007-08 academic year was viewed as a precursor year to set the stage for reinvention at LSC-North Harris. The North Harris strategy for the 2007-08 academic year was to analyze current systems and plan for new strategies that will focus on increased enrollments and retention, fiscal realignment and stability, and facilities planning.

In January 2008, Dr. Steve Head became the seventh president of LSC-North Harris. Dr. Head’s new vision for North Harris had a significant impact on the campus during the 2007-2008 academic year, leading to more self evaluation, measurability and accountability with specific goals and objectives defined for enrollment management, student services, budgetary processes, campus beautification, planning, and technology.

The following highlights are presented by a dean or director from each area of the college, and lead into the strategic goal contributions for 2007-2008:

**Dean Gary Clark: Business, Social, and Behavioral Sciences**
During the years 2007-2008, we have continued to reevaluate and adjust the schedule to better meet the needs of students at both the main campus and at the centers.

The division continues to serve as sponsors in many student organizations. We have faculty advisors who serve PTK, the LSC-North Harris Student Ambassadors, Earth Alliance, GLOSS, Cultural Awareness, and Film Club. Earth Alliance was awarded the Organization of the Year award at the recent Rising Stars Banquet.

We organized the first Lyceum Series regarding the history of civil rights in spring 2008, we’ve organized the hosting of the Tuskegee Airmen for the past two years, and we’ve organized the federally mandated Constitution Day activities for the past three years.

We have been active in the Achieving the Dream initiative. We are committed to student leaning, and several faculty members are participating in innovative learning strategies such as Supplemental Instruction and Learning Communities, both of which have been well received by students.
Dean Judy Taylor: Math, Engineering, and Natural Sciences
The Mathematics, Engineering, and Natural Sciences (MENS) Division consists of the following departments: Biology, Chemistry, Geology, GIS, Mathematics with the Math Lab, and Physics. The Medical and Health Sciences Pre-professional Program (MHSPPP) is also a part of the MENS Division. The academic departments offer the standard courses that most universities will accept as transfer credit, and most are service departments to many of the programs offered.

GIS is the only workforce program in the division. A decision to deactivate the program at North Harris, was made this year, effective fall 2008, due to low enrollment and the fact that the college is spending more money for the cost of the program than the program generates in tuition and contact hours. GIS courses will continue to be offered to meet the degree/certificate requirements of our currently enrolled students through fall 2009.

A new advising initiative, FACTS (Faculty Advising, Connecting and Training Students) was designed and implemented by faculty/staff in the MENS Division, beginning fall 2007. Many of the Lone Star College students are first generation college students, and they have limited access to career advising, before attending college. Early in the fall semester, ground rules were established; faculty and staff worked in groups to determine processes and forms needed for implementation. At the end of the fall semester, it was determined that twenty-two faculty/staff participated, and two hundred two students were served. The number of students advised per faculty/staff ranged from 2 to 26. During the spring 2008 semester, faculty agreed to invite students from two of their classes to participate. Students are advised on ways to improve on their course work during the semester he/she is enrolled and given career advice by the faculty/staff member or referred to appropriate college personnel that are experts in the particular career of interest.

In order to enrich the students’ educational experiences, the MENS Division provided field trips for the geology, pre-health careers, and mathematics students. The geology students have taken numerous trips to Central, East and West Texas to study rocks and the earth. The Pre-Medical and Health Science Society (PMHSS) fostered awareness of sciences in the world around us, raised awareness of careers in science and related fields, and promoted interaction between students and their community by visiting health institutions. Gifted mathematics students had the opportunity to compete with other students in the area at the NASA Aerospace Scholars Program and with other students nationwide by taking the AMATYC Student Math League Exam. The LSC-North Harris team finished 2nd in the Southwest Region with the highest individual score in the region.

As part of the Achieving the Dream initiative, an early intervention referral system, which is faculty user-friendly, collected useful data for tracking student completion/success. It helped students identify the warning signals in time to succeed in their classes, and it has been piloted in a limited number of Math 0308 sections. LSC-North Harris has a dedicated room in the Learning Center called the SEA Center (Success Encourages Achievement). During operating hours, adjunct math faculty are available to interview first time student visitors and determine what issues can be resolved through college support services: financial aid, counseling for better time management and study skills, career search, academic advising, or math tutoring. Also, adjunct
math professors served as tutors and “coaches” for the students who were referred by their instructors to the SEA Center. The most popular service is a kind of “triage” one-on-one tutoring, after which the student is gradually integrated into the regular math tutoring system in the Math Lab as necessary. The LSC-North Harris Math Lab provided support to students by offering access to a variety of learning resources in mathematics. High quality professional and peer tutors helped over 6,000 students and community members with math skills and assisted them with the use of other lab facilities. Seventy software modules and the Take a Teacher Home Math Video series were valuable resources housed in the Math Lab. In addition, some of the videos are accessible on the Math Department Web page and tutoring and Math Department resources are available through eCollege Vista for Math 0306, 0308, and 0310.

In an effort to expand the distance learning opportunities in the MENS Division, the faculty members have developed more distance learning courses. Science now offers Biol 1322 and 2404 online and is in the process of creating the new Biol 2305 as an online course, to be taught in the spring of 2009. Biol 2401, 2402, 2404 (offered at Carver Center) and Chem 1411 are formatted as hybrid courses. Math, in addition to Math 1314, has added Math 1316 and 1325 and is developing Math 1324 (to be taught in the summer of 2008) and Math 1342 (to be taught in the fall of 2008). With the availability of these math and science courses online, a student can complete the general core math and science requirements in the distance learning format. The addition of these courses will accommodate the Weekend College offerings.

In addition to the students enrolled in the honors classes offered by math, sixteen other honors students were mentored by biology and chemistry faculty.

**Dean Jennie Harrison: Languages and Communications**
The curriculum of our ESL program has been re-designed, integrating skills and competencies taught in eighteen different classes to twelve. We have also hired a new ESL faculty member as a result of growing enrollments. Our DS and ESL faculty have participated in various activities connected with Achieving the Dream, with several serving on Task Forces and one on the Steering Committee. Our English faculty have been engaged in a review of our processes and policies, collecting information from individual faculty that could help us determine how to increase success rates in ENGL 1301. Various faculty in English and Philosophy are also engaged in increasing the distance learning options available in their disciplines. Finally, Interpreter Training continues to improve its number of graduates and placement of those graduates in the workforce.

**Acting Dean Steve Kolar: Health and Human Services**
During the 2007-08 academic year, the pharmacy technology program at Lone Star College-North Harris had a total of 24 graduates from the certificate and associate of applied science degree in pharmacy technology programs. Our program has a 100 percent success rate on the PTCE (Pharmacy Technician Board Certificate Examination) for six years in a row. Twenty-eight students also passed the intravenous admixture and sterile compounding certification exams and received a certification of completion from the Texas Society of Health-System Pharmacists (TSHP).
During the three-year program evaluation in 2008, the program exceeded the goal of at least 80 percent of student course completion with a grade of ‘D’ or better in the past three year based on the rate of 90 percent in 2004-05, 88 percent in 2005-06, and 90 percent in 2006-07. The program also exceeds the goal of at least 70 percent of student course completion with a grade of ‘C’ or better in the past three years based on the rate of 90 percent in 2004-05, 88 percent in 2005-06, and 90 percent in 2006-07. In terms of graduation rate, the program exceeded THECB measure of at least 15 students graduating within a three-year period based on a total of 65 graduates from the academic year of 2003-04 to 2005-06.

The pharmacy technology program is actively involved with the high school student programs. We had a total of four high school student groups visit our program during the academic year of 2007-08 to learn more about how to become a certified pharmacy technician. The program director also went to Nimitz High School in October 2007 to talk to the ninth grade high school students about the program.

Since 2002, the pharmacy technology program at Lone Star College-North Harris has been accredited by the American Society of Health-System Pharmacists (ASHP) for six years in a row. Our first certificate class graduated in 2001. So far, we have 13 graduating classes between Spring 2001 and Spring 2008. Recently, the program went through the six-year re-accreditation with ASHP on February 29, 2008. We are in the process of submitting the re-accreditation responses in May 2008.

The medical assisting program began its second year in Fall 2007, with an enrollment of 12 students. The first year graduates in August 2007 numbered 5, 4 of whom are working in the field.

The Program is working toward Commission on Accreditation of Allied Health Education Programs (CAAHEP).

Interim Dean Allen Rice: Career Technology
Career Technology Division grew by 14.5 % in enrollments during the 2007-2008 academic year due primarily to an aggressive approach to marketing, recruitment and retention strategies. During the Summer Bridge Program, several hundred high school students were tested and 60 were recruited into our programs. Due to the high degree of customer service, high quality of instruction, and currency of teaching equipment and curriculum, Career Technology Division has achieved top results this academic year. During Spring 2008, 98% of the students that began the semester are completed it.

Dean Gary Liebst: Visual, Applied, and Performing Arts
During the 2007-08 academic year, the Visual, Applied and Performing Arts Division (VAPA) has continued to offer many opportunities to students by taking advantage of the funding made available through the Title V Grant. Guest musicians, lecturers, artists, and an artist-in-residence have allowed the division to provide unique and valuable experiences throughout the entire academic year. Members of the division have applied for and received many minigrants to purchase needed equipment and software. The new computer lab for music was also funded through Title V.
To meet student needs, the division continues to make adjustments to the schedule and offer more online classes. Dual Credit Speech classes are also a growing area in the schedule.

Performing groups continue to be active on campus and in off-campus events and competitions. The Forensics team competes on a national stage with four-year colleges and universities and the band and choir areas consistently place students in All State groups at the annual state music convention.

VAPA faculty and staff were active during recruiting events. Faculty members attended the Texas Speech and Theater State Conference, and adjudicated UIL One-Act Play Contests. Several guest artist concerts were hosted and clinics were presented all which brought prospective students to the campus. Faculty made numerous visits to area high schools as recruiters or with student groups to promote the college.

**Dean Jimmy Adams: Workforce Training and Community Development**

The Division for Workforce Training and Community Development was established to centralize the college’s Continuing Education and Corporate programs and services. Our goal during the year was to broaden our leisure, youth, and community education programming and to increase the number employers we provide training. By broadening our scope of program offerings, we have increased the number of CE students and employers we have served this year.

Our division has participated in several intra-division workshops during the year to discuss improving methods—from a division perspective—to better serve students. The division has launch a comprehensive marketing and outreach program to promote the college’s CE programs and services to the community we serve.

The division continues to build and foster partnerships in the communities we serve. We are working with various chambers and local businesses. We have developed a good relationship with SBDC to advance our relationships with the small business sector.

We continue to utilize our training facilities to the fullest capacity to best serve students.

**Dean Vicki Stanfield: College Connections and Adult Education**

The Shared Counselors program touches a multitude of students each semester and provides services such as: identifying potential dual credit students, testing prospective dual credit students, dual credit paperwork collection for all dual credit students, college information sessions for all students on high campuses, assisting with online application process, advising students on college course work, recruiting high school students for campus visits (i.e. Senior Visits – one in fall semester and two in spring semester; “LSC-North Harris: The Place To Be” Days (one in the fall semester and two in the spring semester), special event days, and all other high school related processes that ensure student success in high school and post secondary course work.

Victory Early College High School (VECHS) is a partnership between Lone Star College-North Harris and Aldine ISD. This is a non-traditional high school that offers the incoming freshmen
the opportunity to earn a distinguished high school diploma and 60 hours of college credit in four years. VECHS is housed on the Carver Center campus.

The Summer Bridge Program four-week initiative targets north Houston high school graduating seniors in need of upper level developmental courses in reading, writing, or math. The program enables students to complete developmental courses quickly so that they can begin the fall semester at college level, thus facilitating a smooth transition between high school and college. Recruited by a partnership of shared counselors who work at both area high schools and the college, the Summer Bridge students come from racially and ethnically diverse backgrounds and are often the first ones in their family to attend college.

The North Harris Summer Bridge Program also links students to faculty or staff members who mentor the students and help facilitate the students’ first college experience. Furthermore, grants provide textbooks free of charge as well as $100 scholarships for successful students upon completion of the program. Evaluation criteria include the success and retention rates at the end of the Summer Bridge, grade point averages at end of the fall semester, and registration rate for the following spring.

The program components include a cross-disciplinary approach to the coursework. Summer Bridge instructors, both full- and part-time, have integrated success strategies and orientation information into the standard developmental reading, writing, and math courses. In addition, students attend three workshops with topics ranging from adjusting to college life to preparing for the next semester.

Mentoring is also an important element of the Summer Bridge Program. Faculty, staff, and administrators from throughout LSC-North Harris volunteer and are trained to mentor the Summer Bridge students. These mentors help facilitate the students’ transition from high school to college by meeting with the students and linking them to college resources and services that are tailored to the students’ needs, based on the results of a first-time student college questionnaire that the Summer Bridge students complete on their first day of class. Many mentors continue to work with the students over the course of the next two long semesters.

During the 2007-08 academic year, TRiO Student Support Services program served more than 150 students at Lone Star College-North Harris.

Out of this population of 150 students, 20 students (8%) are transferring to four-year colleges/universities in the state of Texas (primarily in the greater Houston metro area).

**Assistant Dean Rhonda Cannon: Counseling Services**

During the 2007-08 year, we continued to look at innovative ways to increase student awareness and participation with our services, to improve services to students, and to increase faculty involvement with our departments.

A number of new ventures were started to increase student awareness and participation with our services and the college in general. A few examples include the new Info to Go handouts, Open House, and improved online Career Services.
We also wrote a number of mini grants and Title V grants this year to provide new services and activities that we were unable to fund through the regular budget. The funded proposals included purchasing “stressmeters” and biofeedback equipment to assist with stress reduction, purchasing “college files” for new students, and offering an Understanding Poverty seminar for faculty and staff.

A revised New Student Checklist and process was adopted to improve the new student experience. Students seem to progress through the process more smoothly than in the past and are also registering themselves in record numbers now that they are provided more instruction on MyRecords.

New technology in Assessment and Disabilities allowed us to expand our services and provide more assessment at the high schools and needed accommodations at the Centers.

The Math, Sciences, and Engineering faculty served as our starting point for involving more faculty in advising. The FACTS project had positive results and will be expanded to include other faculty in the future. Our training of coaches working in the SEA Center has also helped students find their way to our services.

**Director Pradeep Lele: Library**
The librarians put their weight behind the system-wide initiative of becoming an Information Literacy resource by participating in discussions to establish goals and objectives.

The library instruction program was enhanced by the creation of a simplified system that allowed instructors to select components of library instruction that were relevant to the class and assignment that needed to be completed.

Library services were made available to students during the minimester and Title V grants continued to make it possible to provide services at the Centers.

**Director Martha Whitley: Student Success/Achieving the Dream**
After a year and a half of planning, discussions, and data analysis, we are now active in the implementation phase of Achieving the Dream, an essential component of our mission here at Lone Star College-North Harris.

Initiatives, as listed under *Goal Two: Improve Student Success*, will serve as an update on where we are with our current and proposed Achieving the Dream initiatives at Lone Star College-North Harris during 2007-08.

**Director Ginni Whitten: Resource Development and Grants**
LSC-North Harris’s Title V project, “Strengthening NHC’s Capacity for Student Engagement” focuses on student engagement, achievement and persistence. The Title V funding has offered LSC-North Harris faculty and staff many opportunities to become involved in our students’ success. We have three goals – Goal 1 focuses on students, Goal 2 focuses on faculty, and Goal 3 integrates faculty and staff in a hands on learning community.
Goal One: Provide quality, accessible courses and programs of instruction which meet transfer, workforce development, and lifelong learning needs of students.

Business, Social and Behavioral Sciences (Goal One)
- A number of instructors teach “international” courses that orient themselves to the ethnic and cultural backgrounds of our students.
- The Child Care program has been discontinued, but we are still working to insure that the needs of current students are met, and that they will be able to complete the program.
- Adjunct faculty are evaluated on a regular basis, and those who do not meet the criteria for effective instruction are eliminated from the adjunct pool. Those who are effective are provided feedback, as well as suggestions for improving instruction. Two adjuncts from our program participated in the Adjunct Faculty Training program and provided positive feedback regarding their experience. Other adjuncts have also indicated an interested in participating in the program in the future.
- Advisory groups for both the Paralegal program and the Child Development program met twice during the year. Updates on the programs were provided, and input was solicited regarding the needs of the community.
- The majority of our instructors are also involved in online teaching. Although there have been challenges with Vista, the transition has been successfully completed.
- About half of our full-time faculty have internationalized their courses, partly in response to changing student demographics, but also because of a commitment to international education.
- There may be room to offer more history courses, and preparation is underway to teach Mexican-American History. We’re offering more DL classes via the Internet, but it’s much harder to do that with adjunct faculty than it is with full-time faculty because of logistical issues and the difficulty of monitoring online adjunct-taught courses.
- Addition of Aviation Management program
- Increased Distance Learning courses in Hospitality Management
- Developed and scheduled 3 new courses in hospitality
- Used System Data to maximize section enrollment
- Created and implemented initiative to add new members to Management Advisory Committee

Math, Engineering, and Natural Sciences (Goal One)
- The Medical and Health Sciences Pre-professional Program (hereafter referred to as MHSPPP) provided quality honors sections, individual mentoring and career planning, scholarships, opportunities for networking, and shadowing and volunteer experiences. The program introduced students to new careers in medicine and health care and helped prepare them to be competitive in the application process. The program has been particularly successful with regard to the non-traditional student who is making a career change.
- The hybrid BIOL 2401 and 2402 classes provided quality, accessible courses that were available any time, any place for those students who enjoy learning via distance education. Quandary exercises for both courses have been developed. Many of the professors supplemented their courses with eVista. BIOL 2404 was offered as a distance
(online) course and as a hybrid at Carver Center. These classes, as hybrids, can be added to the Weekend College, if needed.

- Development of a new course, BIOL 2305, Pathophysiology, and development of on-line support was done this year. The face-to-face course was offered during fall 2008 for the first time, and the on-line format will be offered in spring 2009. The on-line portion of the class will include class notes, animations, short self quizzes, and auditory explanations of concepts. It will also provide student access to discussion boards so that students can obtain answers to questions outside of the classroom. This on-line support will allow students access to information any time, any place, and will help ensure success in completion of requirements for nursing school.

- BIOL 1408 (nonmajors Biology 1)
  - Steadily increasing enrollment (2yrs ago only 3 sections, now we offer 5 sections at NH and 1 at our satellite campus)
  - Course taught at satellite campuses is identical to main campus including wet labs as well as computer labs
  - Addresses life-long learning in that it emphasizes topics/labs that students will continue to encounter throughout life (diabetes, cancer, bioethical issues, etc.)

- BIOL 1406 (majors Biology 1)
  - New labs which moved the course into the 21st century (sophisticated computer probes which allow real-time collection and visualization of data and graphs)
  - New textbook which is more readable which emphasizes the process of science instead of just a litany of facts

- BIOL 1407 (majors Biology 2)
  - Development of biological gardens around the pond to provide an outdoor lab experience for students
  - New labs using digital microscopes where students can capture and save images of microscopic material
  - New labs designed to introduce an urban population of students to the nature around them (examples: watching a seed sprout and flower as well as see a tadpole swim in a pond)

- BIOL 2420 Medical Microbiology
  - New ELISA lab developed

The new internship course, CHEM 2389 was approved, and Professor Gist will start accepting students’ applications in this new program. New faculty, Dick Owen, is revamping the organic program and promoting “Green Chemistry.”

The geology program provides the largest selection of classes for the students and with these classes, the greatest exposures to hands on experiences in the classroom and in the field as well. We have created a group of trips that bring the students to locations where they can study actual exposures of rocks that exhibit up to 75% of the topics that are covered in the classroom lectures. More so, they are provided opportunities to travel to many public and private locations where they have never been and expand their cultural experiences as well.

GIS offered a range of courses, some on a per-student basis, each semester to provide maximum accessibility to the students. We are still working with other colleges and universities (SFA, Texas State) to create articulation agreements and course compatibility but progress is slow in that area. We work closely with employers (BP, ExxonMobil,
Center Point, City of Houston, Harris County, etc.) and our Advisory Committee to prepare students for the great opportunities and dynamic work environment offered by GIS at this time. We have upgraded our GIS software, through Perkins and iGETT grants, to match the requirements of the workplace. The majority of our courses are taught by a Certified GIS Professional.

- We have also worked with faculty and administration at Wunsche HS to facilitate the introduction of a quality GIS component to their technology program. These students would have fed directly into the Certificate and AAS programs at LSC-North Harris.
- Online versions of Math 1314, 1316, 1324, 1325 available
- Dual credit Precalculus offered at Klein Forest High School
- Summer Bridge offered Math 0310
- Late Start classes offered in Math 0306, 0308, 0310, 1314
- Fast Track classes offered in Math 0306/0308; Math 0308/0310; Math 0310/1314
- Computer based classes offered in Math 0308, 0310, 1314
- MyMathLab Homework management system offered in Math 1316
- Stellar Astronomy (PHYS 1403) was added this year as an option for non-science majors. A total of seven different courses are now available for students.
- The Physics Department continued use of the research-based science process-oriented curriculum in Elementary Physics 1410 which has been effective particularly with students who have little or no physics background.

**Languages and Communications (Goal One)**

- A new ESL faculty position has been added, beginning August 2008, in response to the increase in ESL enrollment.

**Health and Human Services (Goal One)**

- Over the period of six years, our student population has represented all ethnic groups including Caucasian, Black, Hispanic, Asian, and international students from India, Pakistan, Vietnam, and Argentina. During the program three-year evaluation in 2008, the program met expectation goal in the number of minority enrollment which is comparable to the college goal (a goal that is within 5 percent of the college or more balanced with 69% for the college and 83% for the program). In terms of demographic access and equity, the program met expectation goal in that the number of female students is comparable to that of the college (a goal that is within 5 percent of the college or more balanced with 62 percent for the college and 57% for the program). Employer satisfaction exceeded the 80 percent goal that employers satisfy with student/graduate workplace performance with 100 percent satisfaction based on seven responses. Since the program inception in 2001, our enrollment has increased steadily through the expansion of the evening certificate program in Spring 2003 and the associate of applied science degree program in Fall 2005. The advisory committee members have been actively involved in the curriculum design and development, the admission criteria, the criteria for successful completion of the program, etc. The survey results with the advisory committee members’ satisfaction with the program also exceeded the expectation goal of 80 percent with 100 percent satisfaction based on 5 responses. In addition, the program exceeded the expectation goal of 80 percent with the advisory committee members
stating that they would hire Lone Star College graduates with 100 percent results based on 5 responses.

- The Medical Assisting Program provided instruction to students to aid them in obtaining work in a physician’s office, clinic or urgent care center. The Program was developed in response to the changing demographics in the area and the need for drawing students to the MA Program and the profession to fill the demand of local physician’s offices and clinics.

- The EMS Professions program received continuing accreditation until May 2010 from the Commission of Accreditation for Allied Health Professions (CAAHEP). This will complete the first five-year accreditation cycle.

- The EMS Professions program continued to provide accessible courses to our community by offering both daytime and evening courses and degree opportunities.

- Distance Learning is now available for HITT 1401, 1441, 1342 and 2435. The complete hospital coding certificate is now available online.

- Several ADN students participated in service learning projects i.e. teaching project for clients at a shelter for battered women.

- Several students participated in the Honors programs and were mentored by several nursing faculty on their projects.

- Continued to offer RNSG 1301 as a hybrid class with excellent success rate for completion,

- Continued to offer RNSG 2171 as a hybrid class for the Articulation Track students per their request.

**Career Technology (Goal One)**

- Due to long-standing agreements with the University of Houston and Sam Houston State University, AAS graduates may transfer their entire degrees to these universities and spent two more years attaining their bachelor’s degrees in Technology Leadership and Applied Technology respectively.

- Nearly all Career Technology courses were offered both day and night each semester. We also offer many courses in eight-week time blocks, day and night, in an attempt to make the learning faster and more responsive to industry needs.

**Visual, Applied, and Performing Arts (Goal One)**

- The division continues to look at many methods for better meeting student needs regarding scheduling. We are offering more online classes than ever before and continue to look at offering more in the evening, weekends, and late afternoon. The number of dual credit courses is consistent with previous year and enrollment remains healthy.

**Workforce Training and Community Development (Goal One)**

- Increased the number of ALL course offered.

- Conducted a summer Kids Camp during summer 2008.

**Library (Goal One)**

- Librarians participated in discussions related to establishing goals and objectives for the Information Literacy Task Force.
Goal Two: Improve student success.

Achieving the Dream

Strategy Area #1: Intervention System
Expanded Early Alert/SEA Center
In Spring 2008, Lone Star College-North Harris implemented an expanded version of the early alert program in targeted MATH 0308 classes. Citing issues beyond poor attendance, this early intervention also addresses low test scores, incomplete assignments and non-academic distractions, such as transportation issues, job schedule, and personal or family health problems.

This early alert/intervention program is primarily faculty-triggered. When instructors know students need additional support and access to resources on campus to stay in school or be successful, they initiate the early alert referral. The referral is sent to the North Harris intervention coordinator, Dorothy Dixon, who will then contact the student and refer him or her to the SEA Center—the Success Encourages Achievement Center.

Located in A 204 A in the Learning Center, the SEA Center provides support in an early, systematic, and comprehensive manner through a combination of interventions, including focused one-on-one tutoring, drop advising, and referrals to other student support resources and the Early Alert Program. Staffed by developmental math adjunct faculty, the SEA Center is open forty hours a week, including hours at both the Lone Star College-Greenspoint Center and Lone Star College-Carver Center. The SEA Center Director, Michael McFarland, supervises the SEA Center staff members and organizes and conducts training sessions for the SEA Center staff.

Beginning fall 2008, this early alert/intervention system will expand to include all MATH 0308 classes. In 2009, the process will broaden to include targeted developmental reading and writing courses, as well as all developmental math courses. A tracking system will be in place for students in the targeted sections in order to determine their success and completion rates.

Success Coaches
The SEA Center also houses the Success Coach Program, which addresses the needs of students enrolled in targeted courses. The success coaches are instructors or staff members who work with students and provide mentoring, coaching, and referrals to additional student support services. Coaches are responsible for a designated number of hours with students and the instructor inside and outside the targeted class. SEA Center Director, Michael McFarland, coordinates the coach activities.

MENS Faculty Advising Initiative
The Math/Engineering/Natural Sciences Advising Initiative, FACTS—Faculty Advising Connecting and Training Students—is an advising initiative that embodies Achieving the Dream goals. In this program, full-time MENS faculty advise their students, many of whom are first generation students who have had limited access to career advising before
attending college. In the Fall 2007 pilot, full-time faculty agreed to implement the advising program in one of their classes. Rhonda Cannon, Asst. Dean of Counseling Services, conducted training sessions for the faculty and provided advising packets to each full-time instructor.

Judy Taylor, Dean of Math, Engineering, and Natural Sciences, collected data at the end of the fall semester. Twenty-five (25) faculty members participated and 287 students were served (121 from math and 166 from science). Some students were seen multiple times. The number of students advised per faculty member ranged from 2 to 40. Student success and retention data are being analyzed and will be shared within the next few weeks.

This spring, each full-time faculty member has been invited to participate in two of their classes. At the end of the semester, we will share the results of this powerful Achieving the Dream initiative.

**Strategy Area #1: Repeater Intervention**
Plans are being formulated for Fall 2008 to target MATH 0308 repeaters in a hybrid supplemental instruction program managed through the SEA Center.

**Strategy Area #2: Student Success Course**
Lone Star College-North Harris task force members announced that in Fall 2008, sections of EDUC 1300, a student success course, will be offered to FTIC students who score into ENGL 0307 and/or ENGL 0305, or higher, and are enrolled in any developmental math course.

**Strategy Area #3.1: Professional Development—Culture of Evidence**
Lone Star College- North Harris task force members conducted a professional development workshop at conference day in February. Possible purchase of book collection was discussed. In addition, desktop software for faculty to access data was reviewed.

**Strategy Area #3.2: Professional Development—Student Engagement**
In February 2008, Lone Star College-North Harris task force members said a pilot for faculty should be ready for summer. The proposal includes full-time and part-time parallels to current adjunct certification program. The possibility of an IPOD delivery system for faculty was also suggested.

**Strategy Area #4.1: Policy and Procedure—Prerequisite Report**
Lone Star College- North Harris task force members stated that programming is being developed to close loopholes for MATH 0308 students who receive an IP and enroll in the next level math class.
Strategy Area #4.2: Policy and Procedure—Advising
At an early spring meeting, Lone Star College-North Harris task force members reported that their group was proposing a required orientation prior to first day of class and the hiring of a full-time academic advisor for Fall 2008.

Strategy Area #4.3: Policy and Procedure—English Placement
LSC-North Harris task force members reported that they are still filtering data and that no decisions have been made.

Strategy Area #4.4: Policy and Procedure—Math Placement
A recommendation will be ready by late spring or early fall to include system policy on retesting once a math sequence has begun. The task force is meeting to establish a model.

Strategy Area #5: Promotion of Community Engagement
Co-chaired by Bennie Lambert, along with North Harris representatives Leslie La Pres and Cece Sutphen, this task force/strategy area scheduled several Achieving the Dream initiatives for Lone Star College-North Harris Spring 2008:

Calls to survey the Black males who were enrolled in the Lone Star College System in Fall 07, but who did not enroll in Spring 08 to gather valuable data to help us with firsthand information toward student success

Surveys of all prospective students during our outreach and recruitment activities in the Lone Star College System during an intense two-and-a-half week period in February at service-area high schools and campus visits.

Invitation letters to all Black males (333) currently enrolled in Spring 08 to join the Vice President for Student Services and others for a lunch meeting on campus Tuesday and Wednesday, February 26 and 27, respectively.

Introduction of SAAB (Student African American Brotherhood) to Lone Star College-North Harris (and possibly Cy-Fair) as a pilot for the System. This highly structured and organized program targets the conditions facing African American and Latino male college students as well as several retention initiatives and models with emphasis on enhancing the experience for African American males. More than 160 college and universities in 27 states have established SAAB chapters. SAAB is recognized by the American College Personnel Association as a “Voices of Inclusion” recipient and by the Ashoka Organization as a leading social innovation.

Exploration of a Lone Star College System faith-based and charitable organizations approach to visiting and partnering with significant entities in each of our service areas, such as key churches and organizations that reach out to all and/or the community in general.
Business, Social and Behavioral Sciences (Goal Two)

- Achieving the Dream has been embraced by the faculty and the need and function of the program is recognized.
- The Behavioral Sciences continues to hold steady in enrollment patterns. Many of our students participate in the Honors program. On Honors day in April, approximately 12 students from Psychology and Sociology participated and gave presentations.
- Supplemental instruction has been used extensively for history and government classes, but we have no data to indicate its success. Four or five of our full-time faculty have cooperated with SI, but we have trouble finding well-qualified students to serve as the tutors.
- Faculty members mentored AIM students.
- Accounting showed 20% increase in awards.
- Increased number of adjunct faculty available to teach DL courses through certification process.

Math, Engineering, and Natural Sciences (Goal Two)

- Students who are scholarship recipients in the MHSPPP and enrolled in BIOL 2389 Honors were able to establish valuable professional relationships with medical persons in the community who allow them to shadow in a clinical setting and also provide letters of recommendation for application to professional schools. These shadowing experiences helped make the student more competitive when applying to professional school. This past year, the MHSPPP has expanded its base of professionals who offer their time and expertise in helping our students prepare for a future in medicine and health care. The MHSPPP is now able to serve a larger number of students per semester. The program also granted more financial assistance to students during this past year compared to previous years.
- The success rate for BIOL 2401 is approximately 45%. Those students who first took and passed BIOL 2404 had a success rate of approximately 75%.
- The majors and non-majors sequence of Biology I is in the process of being revamped, specifically in lab. (labs involving computer technology)
- Students are doing all their lab work in groups of four which builds confidence, teamwork, while focusing on important process skills like communication, data analysis, and problem solving.
- Students are much more engaged which seems to have increased student retention.
- All Biology I and II sections (majors and nonmajors) are using Vista to supplement lecture (materials created by NH faculty which are posted in Vista include: lecture outlines, PowerPoint’s, StudyMate reviews)
- Students have access to all their grades as well as easy communication with instructors through Vista.
- Last semester the geology department joined the SI Program (supplemental instruction) in an effort to help underprepared students receive the support they need to succeed in college curricula. We have expanded the program this semester, and many students have been participating in the tutorial sessions and have increased their grades by doing so. From my discussions with the students, I have seen a change in their approach to their education with a greater commitment to their own success and desire to reach their goals.
Through the fall of 2007, we had a total of 24 Certificates and 2 AAS Degrees. This is a high level of performance for a program that only began offering a full curriculum in 2004. Our emphasis on student counseling and employer partnering to encourage completion has been very successful.

We have secured grants for student support from a number of sources. This has allowed students to continue course work in situations where work might have interrupted their progression of course work. This semester we awarded four scholarships provided by Mr. Dale Benke to students exhibiting a high level of academic and applied technology achievement.

The GIS staff is highly trained and is current in their field. Peter Price completed Remote Sensing courses RS101, 102, 103 at Mississippi State U and ESRI’s Spatial Analyst and Introduction to Geodatabases courses.

Offering 64-contact hour courses in Math 0306, 0308, 0310
Required computer lab work in Math 0306 and Math 0308
Outcome Testing now required in Math 0306, Math 0308, and Math 0310
Outcome Testing reviews in paper-based and computer-based format (Math 0306, Math 0308, Math 0310)
Supplemental Instruction offered for Math 0306, 0308, and Math 1314 (3 sections total)
Video lessons maintained for topics from Math 0306 through Math 2414.
Nimitz Preparation for College Mathematics (i.e. Nimitz Bridge-cooperative project with Aldine ISD)
Spring Preparation for College Mathematics (cooperative project with Spring ISD).
AfterMath students compete in the Student Math League competition.
Offered Honors Pre-Calculus in the fall and Honors Calculus in the spring.
Advising project for sections taught by fulltime faculty.
Adjunct faculty working in the SEA center as coaches, tutors, and mentors.
Gail Phillips, Jim Polito, Ellen Turnell, Darryl Egley, and Sue Little have participated in the AtD system-wide data team and/or the taskforces charged to recommend new policies and implement interventions for repeaters.
Hosted reception for Outstanding Mathematics Students.
Participated in the Victory Early College.
Physics professors participated in the core curriculum evaluation process this year for PHYS 1410 and PHYS 2426.

Languages and Communications (Goal Two)
College level English, with the help of Harald Jensen, engaged in data collection in an attempt to improve success figures. Some items being considered are the consistency of policies from instructor to instructor and consistency in grading. Information is also being collected manually about the reasons why students fail to complete particularly ENGL 1301.

Health and Human Services (Goal Two)
Due to the offer of the evening program in Spring 2003, several adjunct faculty members were hired to support the program. During the three-year program evaluation in 2008, the program shows persistence in the number of college student retention by exceeding the 50 percent overall retention (87% of 4 FT and 11 PT FTIC students), exceeding the 70
percent retention of full-time students (100% of 4 FT FTIC students), and exceeding the 50 percent retention of part-time students (82% of 11 PT FTIC students). The program exceeds the expectation by having at least one full-time faculty member with two full-time faculty members on board. Faculty and staff members’ development activities include but are not limited to the civil rights training, intravenous admixture and sterile compounding training, supervisor training, etc. The program also exceeds the expectation that 60 percent of all sections are taught by the full time faculty members with a result of 88 percent. By the year 2004, our certificate curriculum went through a major review by the advisory committee members and the second year curriculum was designed and developed for the associate of applied science degree program. During the academic year of 2007-08, we implement a study review summary in all of our didactic courses to improve our students’ success. In the academic year 2007-08, we do not have student transferred out of the program but we have students from other colleges such as San Jacinto College North being transferred into our program. Lastly, our student handbook was revised in the December 2007 to give our students the second opportunity to be enrolled in the program.

- As a one year Certificate program, the Medical Assisting Program, over time, will have the flexibility of more demanding admissions criteria. Since we are just building the program, admissions to the program have been basically on a “first come, first serve” basis as long as the basic college admissions requirements were met. This unfortunately, has resulted in the admission of several students who really were not prepared for the academic requirements of the program. Therefore, our success rate for the first year was less than 50% with only 5 out of 12 students completing the program.

- The EMS Professions program graduates continue to greatly exceed the state and national average for licensure, with a 93% pass rate at the Paramedic level and a 94% pass rate at the Intermediate level.

- Grant was received for the Virtual Lab to be used by online students in the AAS HIT degree and the Hospital Coding certificate. Virtual lab contains modules on Master Patient Index, Coding encoder and record analysis.

- Nursing faculty continued to utilize mandatory remediation program for students not achieving passing or minimally passing unit examinations.

- Nursing faculty continued math tutoring with peer tutors.

- Nursing faculty continued efforts at early assessment and intervention for students.

- NCLEX-RN licensure exam pass rate 93.66 %. There were 107/109 students first-time passing.

- The National Council of State Boards of Nursing changed the test plan on April 1, 2007 and raised the passing score needed. 2006 pass rate for North Harris was 92.8%

- ADN program received a commendation 4/2008 from the Texas Board of Nursing for pass rate and also continued full approval of the program.

Career Technology (Goal Two)

- During Spring 2008 of the students beginning the semester Career Technology retained students in its programs at the following rates:

  Automotive retained 100 %
  Machining retained 100%
HVAC retained 100%
VC retained – 91%
POFT retained – 91%
CIT retained – 94%
Engineering Tech retained – 98%
Welding – retained -98%

- Career Technology Division holds several fund raising events each year including the Tech Fest Barbeque Cook Off, a Job Fair and barbeque pit raffle. At the time of this writing, we have raised over $5500 in scholarship money for our students. This money is disbursed by the Career Tech Scholarship committee via the Foundation.

- Additionally, we have maintained existing partner ships with Nissan America, Hunter Engineering, Haas Equipment Co. Microsoft Corp. Cisco Corp. Carrier Air Conditioning Co. and have entered into a new one with Hussman Commercial Refrigeration Co.. These partnerships provide money for scholarships and state of the art equipment for our training programs and up to date curriculum for our students. To date we have received $15000.00 in donations, two late model Nissan vehicles, a sandwich cooler, and the continued use of up to date Haas Computer Numeric Code Machines and a complete array of Hunter alignment and balancing equipment.

- The Student Tracker Database developed and used by Career Technology will, in the near future, enable us to track our students after graduation and get feedback on our programs from a source in addition to our Advisory Committees.

- Career Tech met each of its Advisory Committees this year and updated all curricula to reflect the needs of our local industry and remain up to date in all of our training areas.

Visual, Applied, and Performing Arts (Goal Two)

- Provide experiences through performances, events and travel to promote student success. Student Awards for the past year include: 3rd top Community College at the American Forensic Association’s National Tournament, 2nd place Individual Events Sweepstakes in the Wheeler Division at the Phi Rho Pi National Tournament, 3rd Place at this year’s ARTa conference and national tournament. 11 band students and 8 choir students participated in the Community College All State Clinic and Convention in San Antonio.

Workforce Training and Community Development (Goal Two)

- Continue to advise students in a holistic manner taking into consideration a variety of life situations that may create barriers towards student success.

Counseling Services (Goal Two)

- Counselors provided training and resources for Math, Engineering and Natural Sciences faculty members working on faculty advising through the FACTS project. Business faculty members will participate in similar training before the fall semester to become involved in this project to help support, advise, and appropriate refer students.

- An new improved New Student Checklist and process was developed between Admissions and Counseling this spring. The shift involves giving the admissions advisors the function of assisting new students to understand the steps needed to enroll
and helping them to access their MyRecords accounts. This change has helped the new student process run more smoothly and provides an easier flow for students.

- The Helping Hands Fair (formerly The Community Resource Fair) after 15 years continues to accomplish its mission of linking the college to community non-profits to address the social needs of our students that may affect their retention. In addition, the fair offers a forum for faculty, students and staff to engage in an interchange with the representatives that often lead to service learning/volunteer opportunities. There is a consistent average of 40 agencies represented and over 500 in attendance.

- Lone Star Legal is in partnership with the college and office of service learning (OSL) offering legal advice to our students by scheduled appointments referred by counseling and faculty. Students from paralegal studies and other disciplines are connected with attorneys for special projects and workshops that address issues such as credit card fraud, landlord/tenant rights, housing, and consumer problems. Lone Star Legal will increase its services and visibility beginning fall ’08.

- We are working on making the centers more full service centers by providing needed materials for career advising at the Centers and discussing the counseling needs of the Centers and how they can best be managed. We will be doing a training with both centers for further understanding in the near future. North Harris counselors go to the centers as needed and requested. Most requests are for workshops and disabilities counseling. We have also offered Majors Fairs as Both Centers. Many students at the Centers are enrolled at another campus also, and they do not always seek these services at the Centers. Therefore, the needs are not as great as we had anticipated.

- Universities Representatives want our students more than ever. Our annual University Day is in the fall; however, all of the following universities have recently made arrangements through us to recruit on campus: Sam Houston State, UHD, UH, SFA, Texas State, Dallas Baptist, UH Clear Lake, Beleview Online University, and UT Dallas. Also, TSU and SHSU Colleges of Education presented workshops for interested students, counselors, and advisors here on our campus. A smaller scale University Day will also be held on June 23 with about 12 universities participating.

- This program that includes “on the spot” admissions was held on our campus earlier this semester. UH brought out advisors or faculty from each of their colleges to assist students with admission and advising to insure a smooth transfer. Application fee is waived.

**Library (Goal Two)**

- A library instruction “a la carte” menu was distributed to full-time and adjunct faculty to enable them to customize requirements for their library research classes.
Goal Three: Provide quality, accessible support services for students to enhance the learning process and their educational experience.

**Business, Social and Behavioral Sciences (Goal Three)**
- Prof. Janice Hartgrove Freile is using student tutors in her Psychology classes with much success. Retention is higher, and student performance has improved.
- Participation in Student Organizations, many sponsored by faculty in BSBS, has also been successful in increasing retention within our academic programs.
- New/adapted services or service models
- Changes in facilities
- Determined numbers of students served by areas
- Analyzed results of focus groups
- Analyzed results of point of service survey results
- Analyzed results of CCSSE or other student surveys

**Math, Engineering, and Natural Sciences (Goal Three)**
- The MHSPPP provides mentoring to students interested in applying to professional school in the area of medicine and health science. Students receive advice concerning the personal statement and opportunities to practice in mock interviews prior to interviewing with the professional school. The MHSPPP has incorporated an English/Writing Liaison to help advise students concerning writing the personal statement.
- BIOL 2404 has open labs for 12-15 hours the weekend before the lab practicals.
- The Biology Learning Center offers students tutoring and access to lab materials outside of the classroom. Lone Star College – North Harris has lab materials (models, microscopes, slides, bones etc.) available outside of class for the students.
- SI (supplemental instruction) was tried in one section of BIOL 1406 during spring ’08 semester. Faculty also worked closely with the Biology Learning Center director.
- The incorporation of the SI Programs and increased availability of tutors is having a positive impact on the student success. I believe that the drop out rate is much lower as a result of these initiatives.
- We have maintained a Faculty/Student mentoring program that provides educator and peer support for students who need more individual attention. A laboratory assistant continues to greatly improve our ability to work with students individually and as a group and has broadened the range of practical and technical experience that can be shared with the students (Ty Ann Noyes). We have expanded Lab hours to accommodate student schedules.
- Math lab offering computer software, tutors, videos, and other supplementary materials
- Math Resources in eCollege Vista provides tutoring and other resources for Math 0306, 0308, and Math 0310
- Updating of the Math Website – including more instructor home pages, more information available for students

**Health and Human Services (Goal Three)**
- In 2005, the program was moved to a bigger facility to support the increase number of students and laboratory practices. The new facilities were fully media-equipped and more
equipment was brought to the laboratory including the vertical IV hood for chemotherapy preparation.

- As the program director was new to the college in 2006, she was not aware of the many and varied initiatives and academic programs available to the students. This year however, being aware of the Learning Center, Library instruction, and counseling advice available to the student, the program director was able to direct the student toward these programs after the first poor grade on a test in each class, thereby giving the student a better chance at improvement early in the semester.

- ADN program utilized the services of various departments and individuals to provide support for nursing students—counseling, disability services, tutoring financial aid, ESOL, Learning Resources Center, IT, Student Activities

*Career Technology (Goal Three)*

- Career Tech maintains the initiative begun last year of an in house advisor who reaches out to students taking courses within the division, brings them in and gets them declared in a major. Once declared in a major they are easily tracked and advised.

*Visual, Applied, and Performing Arts (Goal Three)*

- The division worked with the counseling office with updates in curriculum changes in the VAPA area. Having a Counselor (Rachel Lowe) assigned to VAPA has helped with more effective and consistent placement of students in classes.

*Workforce Training and Community Development (Goal Three)*

- Refined CE advising processes
- Moved CE registration in centralized area in CE building

*Counseling Services (Goal Three)*

- Majors Fair  Students with identified majors have a higher retention and graduation rate. Therefore, the NHC Counseling Center sponsored a Majors Fair to provide a convenient, centralized opportunity for students to investigate and/or become aware of various careers and the majors which support those careers.
  - To encourage new students to initiate career planning
  - To market departmental and college programs
  - To allow students to meet departmental representatives-vice versa
  - To allow alumni and community involvement

- Each participating academic or technical department had an assigned table that was staffed with a representative to answer questions about the various majors/career paths in the department.

- Information to Go- This new informational brochure area outside of the Counseling includes recently developed handouts on typical new student issues for students to take home. Our other counseling related handouts have been so popular; we decided to use this as another way to reach our students who do not always attend New Student Sessions.
Career Planning Portfolio-4th edition is currently being printed. The portfolio is a user-friendly series of activities that assist with career decision-making and preparation for employment. We are currently presenting this plan in several developmental classes, Star Visits and summer bridge mentoring.

Online Career Services have been expanded to include a number of locally developed documents such as the Career Portfolio, Résumé Tips, and Interviewing. The new Career Information Sheets for each program in the system are also included and are a huge resource for students. In addition, a number of new links to other career resources are also available. This information has been shared with the centers.

MyRecords Quick Tips- New booklet was recently released to help students navigate My Records to get the information they need.

College File- A new Mini Grant was approved to provide a “college file” for new students. The file will include essentials such as the new student checklist, financial aid application information, workshop series list, test study websites, student organizations, keys to college success (study skills), and Quick Tips for My Records. The file can then be used for a storage place for college records such as transcripts, drop slips, and degree plans to assist the students in being more organized.

Jump Start Your College Career handout was developed and given to the high school counselors and SOAR. The handout includes a chart of the common basic college courses and how they transfer to 10 different universities. The purpose of the handout is to recruit summer school students who are going away to college in the fall.

Testing at the High Schools. Assessment Center has gone on the road and tested almost 1000 students at Spring (for all Spring campuses), Klein Forest, Eisenhower, Klein Collins, and Nimitz (special testing at NH) during the last six weeks. Students from 5 high schools will be testing here this Saturday for the Bridge to Careers program.

High School Student Mentor Judy Mills (Connie McMahan’s replacement) served as a mentor for two Aldine High School students who plan to be teachers. Judy arranged a day on campus for the students which including meeting with her, learning about our education program, TSTA student organization, and sitting in on an education class. The students enjoyed their day, and it was obvious they had confirmed their career choice.

Library (Goal Three)

- The library continued services during the winter mini-mester and the instruction classroom was used as a testing center. The library was open 72.5 hours; 672 people used the library and the reference librarians answered 202 reference questions.

Resource Development and Grants (Goal Three)

- Students who participated in the Supplemental Instruction and the Academic Institute for Majors demonstrated a higher GPA, persistence, and retention rate than those students who did not participate.
- Faculty received $35,000 in mini-grant awards for professional development, instructional resources, hardware/software, and course development. Through the Active Classroom project, 10 rooms were mediated with Title V funds.
- Our learning community series, Synergy, was held in the month of March. This year’s theme, MARCH ON: Speak Out; Be Heard; Change Your World, focused on first
amendment freedoms. Almost 1500 students participated. Some of the activities included performances, speakers, displays, and essay contests.
Goal Four: Provide efficient and effective stewardship of state, local, and federal funds.

Business, Social and Behavioral Sciences (Goal Four)
- The Business, Social and Behavioral Sciences Division budget is planned and approved in advance of the new fiscal year. Expenditures are carefully made to get the best value and monitored and reconciled regularly. Items are coded to appropriate categories according to accounting best practices. The current expense report shows that 75% of the 07-08 budget has been spent which is right on target for May in a September to August fiscal year. This division does not go over budget in operational accounts.

Math, Engineering, and Natural Sciences (Goal Four)
- MENS Division faculty members from the biology, chemistry, geology, mathematics and physics departments have written 21 proposals for Title V Grants or LSC-NH Mini-Grants to create course work and resources, to purchase technology, or to provide faculty professional development to increase student success. To date seven of these grants have been funded for a total of $14,538, and more should be funded in the next round of awards. The division has been able to enhance its programs with the $15,612 awarded in grant monies for projects developed this year. In addition, through active pursuit of grant and donation opportunities, software and hardware have been added to the GIS program at no cost to the College. The iGETT program resulted in upgrades and additions to the GIS Lab of over $150,000 (retail value) in software and data. GIS Professor Price has also been active in pursuing free training that would otherwise have had significant cost (~$5,000). The Chemistry Department used a grant from Betz Company to acquire a wonderful analytical tool: a High Pressure Liquid Chromatograph. This new equipment will allow chemistry to expand its honors program.
- The MENS Division had 13,102 enrollments during 07-08 and offered 721 class sections. Class sections are carefully planned and managed to yield an average class size of 22.3 students during the long terms and 19.5 students during the summer semesters. Few sections are cancelled because of low enrollments. The average class size has increased in the developmental math classes.
- When purchasing equipment, vendors offering the best price for quality desired are selected, and quotes are secured for amounts less than the system requirement.

Languages and Communications (Goal Four)
- An analysis of average class sizes has been shared with all divisions and the schedules for 2008-2009 will be developed with those considerations in mind. Languages and Communications needs to increase the average class size by three to four students.

Health and Human Services (Goal Four)
- Our classroom is fully media-equipped with the state-of-art of technology to do a PowerPoint presentation and operate the videotapes to enhance our students’ learning and skills. Student enrollment trends over a three-year period were reviewed and compared annually by the district.
- The Program was able to utilize Pell Grant funds for the purchase of several needed pieces of equipment to enhance the learning experience of the students. This equipment
allowed for providing “real work” opportunities and gave the students the experience of improving their skills and competencies with the equipment.
- Usage of number of adjunct faculty adjusted based upon the number of students enrolled. Adjunct faculty not needed during spring 2008 therefore number of adjunct faculty reduced from 6 to 3.

**Career Technology (Goal Four)**
- Many measures of good stewardship exist, however, successful programs with increasing enrollment must be one of the most telling. This year Career Technology Division increased its enrollment by an average 14.5% in the fall and spring semesters.
- A number of Title V mini-grants were awarded to Career Tech programs resulting in the replacement of dated welding equipment and the development of the Student Tracker Database.

**Visual, Applied, and Performing Arts (Goal Four)**
- Title V funded the Synergy play This Land is your Land, Andy Narell residency with steel drum band, Chris Vadala, guest jazz artist with the music department, purchase of several instruments, purchase of new sound system in the PAT, Artist in Residence Program (Melanie Sinclair) for the Art department. Numerous minigrants were awarded to VAPA faculty and staff. New music lab and software. In addition we made a number of purchases with Perkins funds for equipment in the Cosmetology area.

**Counseling Services (Goal Four)**
- Push to increase use of DARS by deaf/hard of hearing students
- ESOL class specifically for deaf/hard of hearing students
- Video Remote Interpreting is being explored and equipment requested
- New part time interpreter was hired
- Disability counselors will interpret or transcribe a daytime class as part of their institutional service.

**Library (Goal Four)**
- Library services continued to be offered at the centers with Title V grant funds.
Goal Five: Maintain a work environment that properly rewards employees, supports employee professional growth and development, and maintains the staffing necessary to effectuate strategic priorities.

Business, Social and Behavioral Sciences (Goal Five)
- We continue to provide adjunct faculty training with respect to the use of the mediated classroom. Most of our adjunct, and all full time faculty, utilize the mediated classrooms.
- Excellence awards to departmental faculty member and adjunct faculty member
- Two adjuncts completed first Adjunct Certification Process

Math, Engineering, and Natural Sciences (Goal Five)
- Professional development continues to be important to the MENS Division faculty and staff. Twenty-four members attended 15 national, state, and local conferences to learn the latest innovations and to dialogue with other experts in their disciplines. Several of the faculty presented at the conferences. Physics Professor Moore was invited to review Math and Science Partnership grants, sponsored by NSF. GIS Professor Price also completed two ESRI Professional Courses.
- Four of the adjuncts attended conferences, and one completed the Distance Learning Certification. Twelve adjunct faculty in the areas of biology, chemistry, geology and mathematics participated in the LSC-NH Adjunct Certification Program.
- Adjunct faculty are provided excellent support including teaching materials (PowerPoint presentations, lecture outlines, pre-lab instructions) as well as one-on-one mentoring.

Languages and Communications (Goal Five)
- A significant amount of money for professional development was added to the division budget for the 2007-2008 academic year. The increase amounted to around $10,000.

Health and Human Services (Goal Five)
- During the three-year program evaluation in 2008, the program meets expectation that 95 percent of the full-time faculty members attended at least three professional development activities per academic year with 100 percent rate based on the results of two full-time faculty members. The program also meets expectation that 60 percent of the part-time faculty members attended at least one professional development activity per academic year with 100 percent rate based on the results of two part-time faculty members. Finally, the program meets expectation that a professional/support staff member demonstrated at least 80 percent goal of professional development based on the 100 percent goal from one staff member. Over the period of six years between 2002 and 2008, there is no full-time faculty member or staff member turnover rate.
- By the year 2005, the program has one full-time faculty member and four adjunct faculty members. In 2006, another full-time faculty member was hired to support the associate of apply science degree program. One adjunct faculty member also was nominated by the program director for the faculty teaching excellence award. In addition, both full-time faculty members received their professional development on the intravenous admixture and sterile compounding certification through University of Houston College of Pharmacy.
- Professional development was utilized by the Program Director on several occasions, especially with improvement of working with information technology. The offering of these courses greatly promoted the use of various types of media in the classroom setting, and allowed the instructor to use IT to make lectures, learning and skills acquisition more enjoyable and rewarding for the students.
- Jeanne Qualey attended the TXHIMA annual convention in San Antonio.
- Departmental recognition of hard work and diligence of faculty and staff with afghans, food, chocolate and ice cream.

Career Technology (Goal Five)
- In our ongoing effort to maintain the currency of our instructors, the following professional development opportunities were realized this year:
  - Dwaine Cooper  Minneapolis  Commercial Refrigeration (Hussman Co)
  - Amos Smith  Minneapolis  Commercial Refrigeration (Hussman Co)
  - Kiwana Francis  Frisco TX  Working Connections
  - John Collins  Frisco TX  Working Connections
  - David Mott  Nevada  Melalcon
  - Larry Brillhart  Nevada  Melalcon
  - Mike Callahan  Tennessee  Course Technology
  - Russell McDonald  Austin, TX  TCCIL
  - Kendall Lawrence  Virginia  Southern Graphics Council

Visual, Applied, and Performing Arts (Goal Five)
- Professional Growth funding was increased for the division this year and consequently more faculty and staff took advantage of this opportunity than in the past. Travel was made to more out of state conventions.

Workforce Training and Community Development (Goal Five)
- Will be purchasing new office equipment, furniture, and business professional office cubicles.
- Created office space to house Corporate Training team of four.

Counseling Services (Goal Five)
- We see a real need for training and understanding our population. A mini grant proposal was written and approved to have a recognized speaker on understanding poverty to address faculty and staff-possibly at Conference Day next year.

Library (Goal Five)
- The Library Director and a Reference Librarian retired during the year. Replacements were hired for both positions.
Goal Six: Provide effective systems of communication to both internal and external constituencies.

Business, Social and Behavioral Sciences (Goal Six)

- Dean is active in speaking engagements to community and business groups. Also, dean serves as advisor to Spring ISD’s Foundation on strategic planning.
- Tim Howard and Jim Good are both faculty sponsors of the Film Club, which has afforded wonderful opportunities to show movies with important historical, political, and social implications. Formal and informal discussions of these movies provide valuable learning opportunities for our students beyond the confines of the classroom. The Social Sciences department has also organized Constitution Day activities for the past three years, and Bob Locander has already begun planning the 2008 event. Theresa McGinley arranged to have Dr. Touba from The University of Alexandria, Egypt speak this spring, and is already organizing the next visit of six members of the Tuskegee Airman. The Tuskegee Airman have consistently attracted students, faculty, staff, and community members, providing valuable discussions about the Tuskegee Airmans’ struggles against racial discrimination in the military. This spring, our department also took the lead in organizing the first major event in Dr. Head’s Lyceum Series, which brought in four speakers who addressed the tri-racial history of the civil rights movement in Texas. This event also attracted students, faculty, staff, and community members, but also allowed us to showcase the college to our speakers, three of whom are faculty members at universities in the Houston area. Several of our faculty offered extra credit to students for attending these conferences and submitting written work about them.

Math, Engineering, and Natural Sciences (Goal Six)

- In geology there is a priority for the students to have open access to the professor and to the lab assistant / supplemental instructors to have as many opportunities to learn the required materials. Professor Hobbs has worked with all involved to have phone numbers and emails to maintain communications as efficiently as possible to have effective learning experiences in the available time.
- We have created many lines of communication through formal and informal internal and external presentations and discussions including Lone Star college System demographics and enrollment GIS analysis, Trees for Houston participation and GIS analysis, Petroleum User Group meeting, 4th Annual International Education Conference (presenter-2 papers), Scenic Houston’s analysis of billboards, and The Center for Houston’s Future environmental indicator report on parks. We have an extensive network of government, industry, or industry related partners including Houston.
- Geological Society, Houston-Galveston Area Council, Geographic Data Committee, North Houston Association, North Houston Economic Development Association, City of Houston, City of Houston Parks and Recreation Department, Houston Bikeway Program, Harris County Parks Department, Harris County Flood Control District, Quality of Life Coalition, Moore Archeological Consulting, Inc., Center Point Energy, Burditt, Michael Baker Corporation, LJA Engineering & Surveying, Inc, BP, Marathon Oil Company, ExxonMobil, Houston Advanced Research Center (HARC), and Western Data Systems.
- Update of the Math Website to enhance communication with students.
- Provide tutoring via eCollege Vista for math courses
- Regular meetings between Nimitz High School math faculty and NHC math faculty to facilitate the Nimitz Bridge course
- Yearly updating of Departmental Course Documents to facilitate communication with adjunct faculty concerning curriculum changes
- Professors’ web sites include syllabi, e-mail contact, and tutoring/enhancement instructional support.

**Languages and Communications (Goal Six)**
- Interpreter Training continues to add members to its Advisory Committee, as new agencies appear in the Houston area.

**Health and Human Services (Goal Six)**
- In the academic year of 2004-05, the program went through the first three-year review by the district. The results were favorable. The second three-year review was conducted in the academic year of 2007-08 by the district and the results were also favorable.
- The Medical Assisting Program Director participated in all meetings, workshops, and seminars needed, as well as participated in a marketing survey about the name recognition of the college system. An interview with a local newspaper also gave publicity for the program.
- The Medical Assisting Program Director and the Program Advisor have worked together to offer several information sessions about the program to interested potential students in the area. The sessions are held in the evening to promote the availability of the program and are published on the Program’s Web site.
- Maintaining open lines of communication among faculty through email, and telephone
- Transmitting current practice—related information and professional development opportunities
- Attending teaching team meetings by director
- Active in STAR visits to recruit high-school students to college.
- Information sessions every month, twice a month.
- Maintenance of accurate web site with current information.
- Ask-a-Nurse sessions instituted with nursing faculty

**Career Technology (Goal Six)**
- Career Technology continues to promote its programs both in concert with the college external affairs group and independently. Specifically, we have participated in Majors Day, the Open House, Star visits, and work closely with SOAR. Independently we pursued the Summer Bridge program, held the Tech Fest and advisory committees.
- Internal communication are characterized by open door communications division meetings and chair meetings.

**Workforce Training and Community Development (Goal Six)**
- Conduct regular division and staff meeting
- Activity reports submitted by program managers to Dean on a weekly
- CE Council, Workforce Council, and Business Training Council minutes shared on a regular bases
Counseling Services (Goal Six)
- A Student Services Task Force including representatives from all areas of the college has worked together to develop recommendations for increased communications and collaborations.

Library (Goal Six)
- A number of informative displays were exhibited in the library and librarians continued to write short informative articles for the E-Voice newsletter.
Goal Seven: Provide community development partnerships that enrich and serve the community.

Business, Social and Behavioral Sciences (Goal Seven)
- The Department Chair is a member of the Houston Northwest Hospital Ethics committee. Through a cooperative effort between the hospital and the college, a successful End of Life Forum was conducted on April 26. 48 community members came to hear presentations on Futile Care, Funeral Planning, Grief, Organ Donation, and a panel discussion on religious issues associated with Death and Dying. Dr. Head provided support, and we will continue to conduct this forum on a yearly basis. The participant feedback was very positive.
- Our recent Lyceum event on the history of civil rights is a good example of a community outreach effort.
- VITA – volunteer income tax assistance offered on campus through leadership of Madeline Brogan.

Math, Engineering, and Natural Sciences (Goal Seven)
- BIOL 2404 requires students to perform a Service Learning project. They are required to complete at least 15 hours of community service in a health related area. During fall ’07, students provided about 600 hours of service in the community while working in their educational field with professionals in their future careers. During spring ’08, approximately 500 more hours will be spent at various hospice services, retirement homes, blood drives etc.
- Professor Hobbs has been working with ALL (Academy of Lifelong Learning) to offer geologically oriented experiences for their membership. He offers several field trips for the Harris County Parks Department annually. He is still actively guest lecturing at a variety of local schools to teach geologic topics to the student groups. He has donated specimens to several of these schools to provide them with collections that they can use in many of their classes to further help the students learn the concepts to increase their appreciation of geology.
- We have an extensive network of community partners including The Park People, Cypress Creek Flood Control Coalition, Gulf Coast Institute, Houston Geological Society, Houston Wilderness, Houston-Galveston Area Council, Geographic Data Committee, Trees for Houston, North Houston Association, North Houston Economic Development Association, City of Houston, City of Houston Parks and Recreation Department, Houston Bikeway Program, Harris County Parks Department, Harris County Flood Control District, Quality of Life Coalition, Scenic Houston, Scenic Texas, and TreeScape. We continually explore new opportunities for community service. Our students have been recognized for their Service Learning efforts including: Klein Historical Development GIS (Klein Historical Society), Greenway Trails Map (Park People,City of Houston, Harris County), Malaspina Glacier GIS (National Parks Service), Cypress Creek Greenway Project (Cypress Creek Flood Control Coalition), El Camino Real Historical Trail (Scenic Texas), Protected Roads Map (Scenic Texas), Tsunami Relief (GISCorps,URISA), Parks Indicators GIS Study (Center for Houston’s Future), Student Demographics and Enrollment (Lone Star College System), Bond Issue Analysis
(NHMCCD), Anahuac Wildlife Refuge Wetlands Loss Project (Anahuac National Wildlife Refuge, U.S. Fish & Wildlife Service), Arbor Day Planting GIS and Analysis (Trees for Houston, Houston City Council, Mayor’s office), Dallas Urban Heat Island Project (HARC), Greenway Trails Map (V2) (Park People, City of Houston, Harris County), San Jacinto Battlefield archeological support, Big Thicket National Preserve archeological support, and Living Water’s Water Wells for Kenya Project. We have been asked to participate in a number of other activities but have had to decline due to the deactivation of the GIS program.

- Faculty participate in judging at the Science and Engineering Fair of Houston (SEFH).

**Health and Human Services (Goal Seven)**

- Our program is in partnership with three big chain pharmacies including Walgreens, CVS, and Target. The program also has an affiliation agreement with 25 hospitals in the area. We have 10 pharmacists and 3 pharmacy technicians serving on our advisory committee members from both the community and hospital pharmacy settings. Our students are covered for liability insurance through the district while they are doing their internships at the pharmacies.
- Ten physician’s offices and clinics responded to a letter from the Program Director indicating their interest in becoming extern sites for students in the Medical Assisting Program. Five of the sites were utilized for the first year graduates and are willing to participate again for the coming summer semester.
- Wunsche Health Science Technology students (110) on campus utilizing expertise of nursing faculty and nursing students to supplement instruction in bed making, personal hygiene and physical assessment.
- Campus visits by Wunsche Academy students, tour of nursing skills lab and instruction;
- Vaccination centers for community in Hepatitis B

**Career Technology (Goal Seven)**

- Career Technology focuses on partnerships with industry such as that with Nissan, Hunter, Haas and Hussman. The provision of well trained technicians and other workers to the local industry comprises the main impact of these partnerships.

**Visual, Applied, and Performing Arts (Goal Seven)**

- Community development partnerships: Cash Carpenter is a member of the Board of Directors for Texas Repertory Theater, Georgia Carmichael is a Board Member of Applause Theater, and Gary Liebst is a member of the Board of directors for the Kingwood Pops Orchestra and for the Houston Arts Alliance Peer Review Panel. Steel band performing is performing regularly in the Houston area.

**Workforce Training and Community Development (Goal Seven)**

- Working with various chambers
- Providing training to several employers in our service area

**Library (Goal Seven)**

- Librarians participated and promoted “Constitution Day” activities and facilitated a mock sign up of the “Bill of Rights” by students.
Promoted the second annual Poet Laureate competition.

Mobile Go Center (Goal Seven)

On May 17, 2007 the Lone Star College- North Harris spearheaded a mobile campaign to build a college-going culture in the LSCS service areas by visiting schools, shopping malls, and community centers and bringing college related materials. In July 21, 2007, LCSC Mobile Go unit in partnership with Houston Community College, Lee College and San Jacinto College organized the “Greater Houston Area Community Colleges Festival” at Hermann Square by the Houston City Hall. Houston Mayor Bill White proclaimed July 21, 2008 as “Houston Mobile Go Day.”

The Mobile Go unit is leased at no charge by The College For All Texans Foundation: Closing the Gaps to LSCS from May 17, 2007 through August 31, 2009. The CFAT is a nonprofit corporation established in 2001 as the Texas Higher Education Coordinating Board’s official nonprofit partner. The Foundation’s mission is to generate the resources necessary to ensure the success of the College for Texans Campaign led by the THECB.

College for Texans is the “statewide awareness and motivational campaign” that the Coordinating Board was directed to establish by the 77th Legislature under Sections 61.951-61.954 of the Texas Education Code.

Since LSCS Mobile Go official handing over by State Representative Rob Eissler, Education Committee Chair, and Dr. Glenda Barron, Assistant Commissioner of the THECB, the unit has deployed 34 times. The community utilize the Mobile Go unit for college online admissions and financial aid applications and researching Texas colleges and universities. The Mobile Go unit has deployed to the following areas including Hermann Square-Downtown Houston, Greenspoint Mall for Harris County Hospital District “Back to School” Campaign, Klein Collins High School, Tomball Klein Supermarket, Magnolia Barbeque Cook-off Contest, Klein Forest High School, Bammel Middle School, Magnolia High School, Klein Intermediate School, Wunderlich Intermediate School, The Woodlands Preparatory School, The Alpha Academy, Klein High School, W.T. Hall High School, Westfield High School, Cy-Fair Berry Center, M.O. Campbell Center, Nimitz High School, Spring High School, Willis High School, Dayton High School, MacArthur High School, LSC-Greenspoint and Carver Centers, and all LSCS college campuses. This project is managed by Severo M. Balason, Jr. Dean, Student Services at LSC-North Harris and logistically supported by ATD.
Goal Eight: Maximize the impact of the physical resources to support quality learning and work.

**Business, Social and Behavioral Sciences (Goal Eight)**
- Dr. Head has a good understanding of the importance of physical resources. It’s important that students, faculty, and staff know they’re at a high quality educational institution, and the appearance of the campus is one very important component of that. Students come into the classroom in a more teachable frame of mind and faculty are more likely to engage in the spontaneity and creativity essential to quality instruction.

**Math, Engineering, and Natural Sciences (Goal Eight)**
- Some biology faculty have been very involved in renovation of the pond area (new foot path, beds cleaned out and soon to be replanted).
- New equipment has been placed in the prep room (new lab refrigerator and incubator).
- Geology field trips allow students to experience first hand the relationships of geologic principles and relationships they learn in class. While in the field, we often collect specimens which are brought back to school to be used in lab exercises. We are able to share some of our surplus with the K-12 schools locally and provide them with collections that are valuable learning tools.
- Courses are scheduled in such a way to take advantage of mediated classroom requests from faculty, computer lab requirements in Math 0306 and Math 0308, and Outcome Testing
- Computer labs are scheduled so that all 0306, 0308, and 0310 classes are scheduled in a lab each week
- Computer labs are utilized to teach Maple labs as well as the computer-enhanced classes

**Health and Human Services (Goal Eight)**
- Our program fully utilizes the assigned classroom for all of our three programs including both certificate programs and the associate of applied sciences degree program. Our classroom is used both for the daytime and the evening programs and sometimes as a meeting room for our advisory committee members. Both classroom and laboratory room are spacious and filled with technology with six computers and one printer. During the three-year program evaluation in 2008, the program exceeds the goal of 90 percent of students indicating their satisfaction with the program based on 100 percent satisfaction rate from 16 student participants. The program also exceeds the 90 percent goal of graduates indicating their satisfaction with the program based on the 100 percent satisfaction rate from 4 graduates.
- There is a need for the medical assisting program to have a dedicated classroom and work area for the laboratory portions of the program. Having to share the workspace allotted with the CE programs, has proven detrimental in that supplies were used up and not replaced, and /or equipment moved or used inappropriately by the students/instructors of the CE Programs.
- Having to keep all supplies and equipment under lock and key, takes up valuable class time, rather than allowing the program instructor to set up needed supplies and equipment
the day or evening before the class, thereby allowing more time for actual classroom instruction and work by the students.

- Collaboration between the EMS Professions and Nursing programs continues to benefit both groups of students with faculty expertise being identified and instruction be shared between the programs (i.e. cardiology, anatomy lab, nursing skills lab).
- Received Echo/Apreso learning system installed in Winship 180

**Career Technology (Goal Eight)**

- Moved Hunter Equipment into the Automotive Lab rather than allowing them to remain in a building where their equipment was unavailable to our automotive students.
- We now use the building that Hunter vacated for the developing Commercial Refrigeration certificate.
Goal Nine: Provide state-of-the-art technology to support instruction, student support services, and administrative processes.

Business, Social and Behavioral Sciences (Goal Nine)
- We continue to complete the mediation of all classrooms, and that goal is expected to be reached by next fall. Updated technology has increased faculty satisfaction and improved performance in the classroom.
- We continue to utilize the testing services, learning labs, and tutoring programs available at the college.
- Geography, Government, and History may not be as technology intensive as other disciplines, but we are very pleased with the mediation of most of the classrooms we use.
- Piloted Apreso software (streaming video and voice capture) in Vista distance learning course.

Math, Engineering, and Natural Sciences (Goal Nine)
- The new Apresso system has been installed in WN 162 for BIOL 2404 online and will be implemented this summer.
- All of the following state-of-the-art technology is new this year, most of which is being used in BIOL 1406 (majors) with excellent student response.
- Vernier lab probes: pH, conductivity, colorimeter, gas pressure
- Electrophoresis using ethidium bromide staining (requires UV transilluminators for viewing)
- Computer simulations
- PupilCAMs which allow digital viewing and capturing of images
- We are working to integrate the newest technologies available for education to gain the attention of students in their changing techno-environment and to help them better visualize the concepts they must learn with a greater variety of teaching aides.
- We have an industry-standard GIS and Image Analysis laboratory that provides our students with a high-level technical experience. Our software and equipment is at or very near state-of-the-art in all key areas. We also rely on our industry partners to share data, equipment (loan/demonstration), and expertise to enhance our classroom experience. Government/industry contacts and our Advisory Committee also assure that we are aware of the most current hardware, software, and applications available and in use in the GIS field. The delivery of classroom presentations and data through the GIS server has greatly enhanced the efficiency of information delivery. The extensive archive of regional data compiled by the GIS faculty not only improves student involvement and data exploration but also serves the community as a valuable source of information. LSC-North Harris is recognized as a center for excellence in GIS as indicated by our joint efforts with HARC, National Park Service, the Mayor’s Office and other government agencies, the Energy Corridor District and other non-profit organizations, and grants from NASA, National Science Foundation, the US Geological Survey, ESRI (iGETT).
- Maple labs available for all classes from Pre-calculus and higher
- Upgrading of two computer labs with new computers, a document camera, and a Starboard
- Videos have been transferred to DVD format and some have been converted to MPEG to be downloaded via eCollege Vista
- Apreso Software in Winship 103
- Digital recording of animated lessons for three topics in Math 1314 viewed on the Math Department webpage

Languages and Communications (Goal Nine)
- Interpreter Training has added a specialized lab, using equipment owned by Region IV and housed on our campus.

Health and Human Services (Goal Nine)
- In April 2008, the program director submitted a proposal under Title V asking for funding to purchase a new software program for the laboratory practice for PHRA 1413. The proposal asked for $5,000 to purchase the QS/1 software program. Field trips were offered to students in the program to visit the Professional Compounding Center of the America (PCCA) and the MD Anderson Cancer Center Hospital.
- Having the use of the computer labs greatly enhances the teaching and learning of the students in the Medical Assisting program. A new program for electronic medical records will be utilized for the Fall, 2008 courses.
- Through Perkins funding, the EMS Professions program was able to expand its laboratory resources to include necessary pediatric simulation equipment to improve and support instruction in this critical area.
- Grant was received for the Virtual Lab to be used by online students in the AAS HIT degree and the Hospital Coding certificate. Virtual lab contains modules on Master Patient Index, Coding encoder and record analysis.
- Purchased more simulated patients to supplement decreasing clinical sites.

Career Technology (Goal Nine)
- Career Technology in conjunction with the IT department updated the PCs and Mac computers for the Visual Communications Department significantly improving their ability to teach using up to date software.
- Signed agreements with Haas Engineering Co. for the donated use of several of their industry standard Computer Numeric Control milling and machining devices.
- Moved Hunter equipment into our Auto Lab and have access to their completely up to date automotive alignment and Brake repair equipment in return for allowing Hunter to use our facility for its training and as a showroom.
- We have upgraded both Microsoft and Cisco programs to the latest release of their software versions so as to prepare computer networking students on the latest computer technology.
- We have procured and had donated several pieces of commercial refrigeration equipment to be used in a new certificate in the HVAC department.
- Engineering Technology Department established a shop so that drafting and engineering student can, in some cases, build what they draw and gain valuable insight into the practical application of their craft.
Visual, Applied, and Performing Arts (Goal Nine)
- New Macintosh Music Lab/software (Title V funded), update to computer software in the art area for digital art students and upgrades in cosmetology and photography lab all occurred this year.

Counseling Services (Goal Nine)
- Stress Reduction Training/Biofeedback is a new program being promoted to students, faculty, and staff by Jack this semester.
- Positive response from faculty, staff, and students on orientation workshops
- Display exhibit outside Learning Center on stress and academic performance
- Applying for another mini grant to fund additional resources that will allow us to educate a larger and diverse population on stress and academic performance.
- Awaiting additional dept. resources to set up a formal Biofeedback/stress reduction training component to services offered.
- We are using On-Base to store disability files as we move to a paperless system. North Harris is piloting the process which will then be extended to the disability offices across the System.
- The lab was retrofitted using the System Technology funds, so we now have the most current adaptive software and equipment available. We also established AT stations at the Centers, so students with disabilities at the Centers have access to the same assistive technology they would have here.