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ABSTRACT

Second in an annual series, this volume presents brief descriptions of a number of outstanding community college instructional programs identified by the National Council of Instructional Administrators (NCIA). Each description includes the address and telephone number of the college in which the program operates, and the names of the college president and a contact person. Section I provides complete program descriptions of the co-recipients of the 1988-89 Annual NCIA Exemplary Instructional Program Award; i.e., Ceramic Engineering Technology at Hocking Technical College (Ohio); and Customer Service Technology at Guilford Technical Community College (North Carolina). Section II contains shorter descriptions of the four programs which received honorable mention in the NCIA competition. They are Commercial Graphics at Randolph Community College (North Carolina); the Critical Literacy Project at Oakton Community College (Illinois); the Early Childhood Education Program at San Juan College (New Mexico); and Environmental Science in Action at Rose State College (Oklahoma). In section III, the following 15 NCIA award finalists are described: Certificate Program in Victims' Assistance; Flight Technology; Florida School of the Arts; Foreign Languages Department; Greenhouse and Grounds Maintenance; Hazardous Materials Technology; Interdisciplinary Humanities Program; Long Term Care Administration; Nuclear Engineering Technology; Nuclear Security Training; Ophthalmic Dispensing Technology; Passport Program; Professor Sam--Touch Model/Interactive Video for Teaching Biology; The Talent Program; and Telecommunications Instructional Consortium. Finally, section IV presents brief descriptions of over 300 institutional entries for the NCIA award, grouped by type of program. An index of participating colleges and a NCIA membership application conclude the volume.
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Community College
Exemplary Instructional Programs
1988 - 1989

The National Council
of
Instructional Administrators

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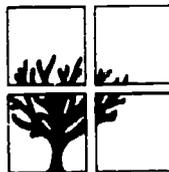
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INTRODUCTION

Community College Exemplary Instructional Programs is the second, annual volume of outstanding programs published by the National Council of Instructional Administrators (NCIA). The first volume, published in April 1988, contained descriptions of fifty-four programs. (Available by sending a check for \$6.00 to Gerald Bazer, NCIA Director of Publications, Massachusetts Bay Community College, 50 Oakland Street, Wellesley Hills, MA 02181).

This second volume, greatly expanded from the 1988 edition, contains four sections: **Section I** includes complete descriptions of two programs which were co-recipients of the 1988-1989 Annual NCIA Exemplary Instructional Program Award.

Section II includes edited descriptions of four programs receiving honorable mention for the NCIA Award.

Section III includes edited descriptions of fifteen programs which were among the finalists for the Award.

Section IV includes a single paragraph description of all other programs submitted by the established deadline to be considered for the Award. Three hundred and thirty five programs are described. (A number of programs missed the deadline for judging and are not included herein.)

The programs in Section IV, as in Sections I, II and III, contain the program Contact Person should additional information be desired. Each program also has the college President, college address and phone number.

Programs in Section IV are listed alphabetically within 16 categories. (Please see Table of Contents.) Categories contain associate degree and certificate programs as well as a variety of other offerings including single courses, academic services for students, department or divisional offerings, learning center activities, etc.

Programs in this volume, submitted to the National Council of Instructional Administrators, were self-selected as exemplary by the respective colleges. Beyond making its award, the Council makes no judgement on the merit of individual programs, but is pleased to include all programs as submitted. No college involved in the evaluation of programs or in the publication of this book was eligible for the award.

The NCIA acknowledges the many fine two-year colleges whose programs are in the volume and appreciates their contributions.

The NCIA is pleased to provide its member institutions with this publication. On a periodic basis the Council publishes materials for academic administrators including its quarterly *Newsletter* and annual literature searches on an instructional topic of current importance.

Additional copies of this publication are available for \$12.00 each. Make checks payable to the Massachusetts Bay Community College Press, 50 Oakland Street, Wellesley Hills, MA 02181.

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Section I

Program Award Winners

CERAMIC ENGINEERING TECHNOLOGY

Hocking Technical College
Hocking Parkway
Nelsonville, OH 45764
(614) 753-3591
President - Dr. John J. Light
Contact Person - Judith A. Sinnott

Unique Characteristics. The Ceramic Engineering Technology program was the first two-year program of its kind in the country. Begun at the request of industry, support continues to be reflected in numerous donations of equipment, industry supported scholarships, the numbers of corporations returning each year to hire program graduates and a growing industrial testing program. One of the most recent partnership examples is the agreement with Whittacre-Greer for the development and testing of a new ceramic floor tile. The project received \$90,000 from the Ohio Edison Foundation of the Ohio Department of Development.

Curriculum is a direct result of contact with industrial representatives, work sites and alumni. The ceramic students use two of the best equipped laboratories in the country to study the "hands-on" techniques of ceramic production and materials testing. Faculty have outstanding credentials and Mr. Robert Hawkins, program director, has achieved Master Teacher status. The combined industrial experience of staff exceeds 90 years and represents most every area of the ceramic industry. This expertise places them in great demand to assist Ohio's ceramic industry in consultation, product testing and education seminars--experiences from which students also benefit.

Building Communities: Students. The uniqueness of the program and its international reputation have continued to create an interest for students from all walks of life. A typical class includes 10 percent females, 1 percent minorities and 15 percent disadvantaged students who have come to Hocking Tech from throughout Ohio, other states and foreign countries. The Ceramic Engineering Technology was selected by the Ohio Department of Employment Services as the education and training unit for 30 individuals under the Title III project. Former mine, steel and glass workers with long-term unemployment were admitted into the program. The 1988 Trustee Award winner was a female in her mid-30's who earned a degree in the Ceramic Engineering Technology under the dislocated workers program.

Demonstrated Success. HTC, an open admissions college, prepares sought after ceramic graduates in a quality program. All (100 percent) ceramic graduates seriously seeking employment obtain jobs within the industry. Many graduates advance within two years to supervisory positions.

External Recognition. The Ceramic Engineering Technology was one of 22 Ohio programs (five technical, four of which were HTC programs) to be awarded competitive Program Excellence Awards in 1984, the initial funding year. The program was the only repeat winner in 1988 when previous winners were again eligible to compete. In 1985 the program received national recognition with the Secretary of Education's award from William J. Bennett as the most excellent program from Region V and was hailed as one of the nation's tier best post-secondary vocational programs. In 1986 the Ceramic Engineering Technology program was selected as a college partner in the Ohio Edison Materials Technology with Mr. Hawkins appointed to EMTEC's Advisory Council.

Accreditation by the Technology Accreditation Commission (TAC) of the Accreditation Board for Engineering and Technology, Inc., recognized world-wide as the most prestigious engineering accreditation that can be achieved by engineering and technology programs, was received in 1987. An Academic Challenge award, another of Ohio's excellence initiatives, was received during the 1985 biennium and the program, already recognized as Center of Excellence, is receiving additional enhancement dollars for the next 6 years. Funding allowed the establishment of an academic chair, additional equipment purchases and further professional development of the faculty.

CUSTOMER SERVICE TECHNOLOGY

Gulford Technical Community College

P.O. Box 309

Jamestown, NC 27282

(919) 334-4822

President - Dr. Raymond J. Needham

Contact Person - Dr. Donald W. Cameron

The Customer Service Technology (CST) program at Gulford Technical Community College (GTCC) has a history and a record of success that would certainly qualify as exemplary. This first of its kind of curriculum program was designed through the collaborative efforts of GTCC staff and local business/industry representatives. CST grew from employers' need to have a corps of intelligent, accurate service people who are quick decision-makers, sensitive to the needs of the public, and effective at promoting customer goodwill.

Customer Service Technology had its interesting beginning in February, 1985, when American Express selected the Piedmont Triad area for a Regional Operations Center. At that point, GTCC's New and Expanding Industry Program took the first step to provide training for a variety consumer credit and customer service needs. According to Kenneth Croft, Manager of Public Affairs for American Express, "Many people have asked us what the commitment from GTCC for training support meant to American Express. The simplest answer is that it was, in fact, a key factor in our decision to locate the new operations center here in the Triad." GTCC was actively involved in the development of instructor training seminars, assisted in course development, and produced training materials. All facilities and equipment for the training effort were provided by the college also, including production terminals, personal computers for computer-assisted instruction, and all equipment and supplies necessary to meet start-up expenses. By the end of 1986, more than 400 individuals had been hired locally and participated in one or more programs sponsored by GTCC. Training classes continued throughout 1987 and 1988 as evidence of GTCC's ongoing involvement with American Express' plan to hire 2,200 employees by the end of 1989.

In addition to the ongoing training activities, a need existed to develop a two-year degree and certificate program in Customer Service. For more than a year, American Express, together with representatives from eight major businesses and industries, joined GTCC in forming an advisory committee to design a new curriculum which would provide training in Customer Service Technology. "We know our immediate needs have been met, but what about down the road as our business continues to grow?" said Fernando Amandi, Vice President of Personal Card Services. "Where are our employees going to come from and how can they be better trained for our business?" By developing a program directly matched to organizational needs, the company was assured of an available and competent work force at its new location.

Beginning in September, 1986, an amalgam of business, communications, and computer courses were developed for the CST program which would prepare individuals for jobs with entry-level salaries in the \$15,000 a year range. "Its an excellent example of business and education working together to provide development opportunities for the local prospective employee. It's certainly a good investment for our future employment in North Carolina," stated Ronald Page, Vice President of Card Operations and General Manager.

The purpose of Customer Service Technology is to prepare students for employment with business, industry and government organizations that interact with customers in a value-added manner. These employees will represent the organization to the customer in a variety of functions such as: customer service; retail sales and order entry; credit, collection, and authorization services; and fraud control.

The innovative teaching/learning approach in CST allows students to experience situations as they would actually occur in the workplace. The program uses state-of-the-art technology to train students in oral and written communication, computers, telephone techniques, listening, marketing, interpersonal skills, and time management. The program is highly attractive to both males and females, as well as recent high school graduates, individuals returning to the workforce, and retired persons. As of the fall of 1988, there were 82 declared CST majors, which is an 83% increase from the fall of 1987.

The partnership which began with American Express has resulted in a replication of the CST program at other sites throughout the United States. Nassau County Community College and Borough of Manhattan Community College in New York became interested in adapting the program. Community colleges in Minnesota, Delaware, Arizona, Florida, and Utah have also contacted GTCC regarding the implementation of a CST program.

In *Building Communities, the report from the Commission on the Future of Community Colleges*, GTCC has demonstrated its "Alliances with Employers" and "Connections beyond the College" by addressing two major recommendations:

1. "Decision-makers across the country should fully use the resources of community, technical, and junior colleges to promote economic development efforts within their state or region."
2. "Partnerships with employers for the training and retraining of the community's work force must be recognized as an important component of the continuing education program in community colleges."

In February, 1987, GTCC and American Express were proud to receive a Keep America Working Honorable Mention for their partnership efforts. To date, GTCC's Business and Industry Services Center has provided customer service training to 1,210 employees working for companies such as Sear, Levolor, and Fieldcrest-Cannon. The two-year CST degree program and GTCC's Business and Industry Services Center work in conjunction with one other to ensure a steady supply of future customer service candidates for local employers.

SECTION II

HONORABLE MENTIONS

COMMERCIAL GRAPHICS

**Randolph Community College
P.O. Box 1009
Asheboro, NC 27204 - 1009
(919) 629-1471
President - Larry K. Linker
Contact Person - Henry Harsco**

The concept and design of the Commercial Graphics program was as developed in 1968 by the current chairman of the Art and Design Department who continues to serve as the lead instructor in the program. At the time that the program was developed, the concept was unique for the North Carolina Department of Community Colleges. The concept provides for the correlation of advertising/graphic design with preparing such design for printing, pre-printing production, and the actual printing of the original advertising design.

This translates into the following hands-on training for students:

(1) the development and execution of an innovative and practical advertising/graphic design solution that fulfills stated objectives and specifications; the writing of promotional headlines appropriate for the advertising objective; the proper selection and use of typography in the design; the copy-fitting of text type; the design and execution of illustration appropriate for the design; the execution of the design to a level of craftsmanship required by industry; (2) the preparation of the approved design for printing using proper industry procedures and quality control; (3) the execution of pre-press production work according to specified levels of quality control and the demonstration of proper equipment usage (typesetting, production of slats, PMT's, line and halftone negatives, etc); the assembly (stripping) of processed image components for the design according to specified parameters of accuracy; the processing of printing plates according to specified quality control; and (4) the printing of the original design to demonstrate understanding of press operation and printing quality control.

THE CRITICAL LITERACY PROJECT

**Oakton Community College
1600 E. Golf Road
Des Plaines, IL 60016
(312) 635-1660
President - Thomas Tenhoeve
Contact Person - Margaret B. Lee**

Supported by a two-year grant from FIPSE, the Critical Literacy Project at Oakton Community College involves, at its center, a year-long faculty development seminar designed to help faculty members incorporate instruction in critical literacy skills --critical reading, writing, and thinking--into their course content. Participants are volunteers from baccalaureate and vocational curricula across the curriculum. The Seminar was repeated in the second year of the FIPSE project and the college plans to continue offering it annually, at college expense, for an indefinite period in response to serious faculty demand. To date (including this, the third, year's participants) 53 of Oakton's 149 full-time faculty members, representing 25 academic departments and vocational programs, have taken part in the Seminar; in 1989-1990 and subsequently, half of the 20 seats will be reserved for senior part-time instructors.

In addition to the annual Seminar, the Critical Literacy Project involves four other key activities. The most visible was Oakton's sponsorship, with FIPSE's support, of a highly successful national conference, held in Chicago in April of 1988; the college has scheduled a second national conference for April of 1989. Project participants are also working to establish a regional consortium for sharing expertise and information on critical literacy, and are in the process of completing a videotape for faculty members and administrators at other colleges who might be interested in seeing how Oakton's project came about, how it works, and what its impact has been on the college's faculty and students. Finally, Seminar participants have been increasingly active as presenters at professional meetings and as speakers or consultants at colleges seeking to build or encourage their own faculty development programs in critical literacy.

PURPOSE: The Critical Literacy Project seeks to address problems common to open-access community colleges: too many students are unable to read, write, and think at the college level, and are unable to meet reasonable academic standards; they seem to be unaware of or unconcerned about their academic deficiencies, and lack motivation to attack them. To the extent that enrollment in developmental courses is voluntary it is also very reluctant. Thus, beyond mandatory testing and placement, which is not, alone, adequate, the search for a solution falls to the instructors of the content courses. Most faculty members at Oakton, however, have their degrees in their content areas, not only in education, and few have had formal training in teaching students how to learn or develop their thinking abilities. The Critical Literacy Project seeks to address this circumstance.

PROJECT RESULTS: Certainly the most telling consequence of the Critical Literacy Project for the college is the effect it has had on the faculty. A third of the full-timers have participated in the Seminar to date, and all but a few of them have felt revitalized by the resulting process of rethinking their approach to teaching and reinventing what they do in the classroom.

EVALUATION: In a survey, virtually all participants in the first two generations of the Critical Literacy Project rated it very highly for its positive impact on their teaching; they cite a significant and sometimes dramatic increase in their use of assignments and teaching strategies designed to increase students' performance of critical literacy skills.

EARLY CHILDHOOD EDUCATION PROGRAM

**San Juan College
4601 College Boulevard
Farmington, NM 87401
(505) 326-3311
President - James C. Henderson
Contact Person - Michael C. Anziano**

San Juan College recognizes a national need and a pressing regional need for two-year community colleges serving geographically isolated populations to coordinate college coursework with field-based training in order to prepare candidates for the National Child Development Associate (CDA) Credentialing process. The Credential is awarded to preschool teachers and caregivers who are judged competent by a team which includes parents and early childhood professionals. The changes that have occurred in our society and in the American family indicate a strong need for quality child care as a support system.

PROGRAM CHARACTERISTICS: In the Fall of 1986, San Juan College began an innovative instructional program in collaboration with Division of Navajo Child Development. Through its Early Childhood Education program, the College provides comprehensive training in a non-traditional competency based educational format. The training is provided to more than 100 Navajo Head Start Teachers whose work has had a significant impact on the human development of 3, 4, and 5-year-old children living in geographically isolated areas of the Navajo Reservation.

The Early Childhood Program has a current enrollment of 156 students. Of these, 110, or 70 percent, are Native American Head Start teachers and other Head Start personnel. For the past three years, training in Early Childhood Education leading to an Associate of Arts Degree and the nationally recognized Child Development Associate (CDA) Credential has been offered to Head Start teachers at their isolated work sites as well as on campus. Through this cooperative effort, the economic and educational impact on these local communities has been substantial.

Along with this training the program has created job opportunities for Native Americans to work for San Juan College. The project uses the experience and availability of local CDA Advisors working within these remote programs, who are employed as consultants to San Juan College. Additionally, the project has created five (5) jobs for part-time instructors. These individuals are Native Americans who work for the Division of Navajo Child Development, and also teach for San Juan College.

EXPECTED PROGRAM OUTCOMES: The primary result of this project will be the high quality training and support provided by San Juan College to those working in remote, hard-to-reach Native American communities. A positive impact is expected upon the lives of approximately 1600 Native American children through San Juan College's efforts

ENVIRONMENTAL SCIENCE IN ACTION

**Rose State College
6420 S.E. 15th Street
Midwest City, OK 73110
(405) 733-7364
President - Larry Nutter
Contact Person - Bill Roach**

The program began in the early seventies at the height of the environmental movement. Municipalities and industry all across the country began pleading for better trained operators to help them meet the increasingly stringent water quality standards being imposed by the Environmental Protection Agency. In Oklahoma, Rose State College heard the cry, and through the Environmental Science Program, was quickly able to begin holding workshops to help both the municipalities and industry. Shortly thereafter, the college received a grant from the EPA to buy, renovate and equip a building near the main campus, with laboratory facilities and classrooms.

Since those early days, the Environmental Science Program has grown and expanded considerably. At the present time, the program offers an Associate of Applied Science Degree in either Water/Wastewater Technology, or in Environmental Science. In addition to the regular semester classes for students working toward a degree, the program also offers a series of workshops year round for individuals wanting to become more proficient with their technical skills in the environmental field.

It is important to note that both the workshops and the degree programs have remained flexible in order to continue meeting the needs of the municipalities and industry. Environmental regulations are constantly changing or being revised. This means the program must be coordinated with State and Federal regulatory agencies in order to remain current with the latest rules and standards. A close working relationship has developed between Rose State College, the Oklahoma State Department of Health, and the Environmental Protection Agency. At the same time, the program has provided a bridge between these regulatory agencies, and the municipalities and industries being regulated. In a few instances, municipalities on the verge of receiving heavy fines from the State and/or EPA have been given the option of sending their water pollution control facility operators to Rose State College to receive proper training.

How successful is the program? Success can be measured many different ways. In terms of numbers, the program has educated hundreds of operators and introduced many new people to the field of Environmental Science. Over 150 municipalities all across Oklahoma have received on-site assistance from the program. As a result of a series of workshops for laboratory technicians, developed as part of the Environmental Science Program, the Oklahoma State Department of Health was able to initiate one of the country's first mandatory licensing programs (for laboratory technicians working in water treatment and water pollution control facilities).

The success of this program can also be measured in terms of improved environmental quality. Of the more than 150 municipalities which have participated in the program from across the state, more than 90% have either been brought into compliance with the state's water quality standards or have experienced significant improvement in their operations.

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CERTIFICATE PROGRAM IN VICTIMS' ASSISTANCE

**Community College Of Aurora
791 Chambers Road
Aurora, CO 80011
(303) 360-4700**

President - Larry Carter

Contact Persons - Norman Brlsson, Karl Van Etten

The Victims' Rights Movement has been called the Civil Rights Movement of the 1980's. In 1988, every major metropolitan Denver police department and every District Attorney's office in the Denver metro area had victims' assistance personnel on staff. Ten years earlier, two local D.A.'s offices had a total of two staff members working in victims' assistance and no area police department had anyone identified who worked exclusively to aid crime victims.

The Community College of Aurora first offered a class in victims' assistance in 1986 and in 1987 followed with a Certificate Program in Victims' Assistance. The program consists of nine classes: Introduction to Victims' Assistance; Introduction to the Criminal Justice System; Violence Against Children; Crisis Intervention; Domestic Violence; Grief (Death and Dying); Stress Management; Sexual Assault; and an Internship.

The program has a dual purpose: (1) Preparing students for entry level victim assistance positions in criminal justice, social services, law enforcement and mental health organizations, and (2) offering training in victims' issues to professionals currently employed in these fields.

Classes, as well as the Advisory Board that oversees the Program, are staffed by professionals performing victim advocacy functions in their jobs. The Program has been approached by another local community college and a four-year state college for help in establishing victim assistance classes at those schools. The requests were met and coordination in offering training in Victim Assistance in the Denver metro area is assured.

FLIGHT TECHNOLOGY

**Community College Of Allegheny County
808 Ridge Avenue
Pittsburgh, PA 15212
(412) 237-2510
President - Julius R. Brown
Contact Person Kenneth L. Hirschi**

The Flight Technology program at Allegheny Campus is designed to enable students to achieve the following levels of FA pilot certifications: Private, Commercial and Instrument.

The ground school portion is taught on campus. In order to do the flight training the college contracts with a private flight training school. The school that does the flight training is identified through a bidding process that outlines the specifics of the required training. Both the flight school and the ground school are FAA approved under FAR 141. A chief ground school instructor who is a member of the faculty coordinates the two facets (flight and ground school) of the program. Both parts of the program are reviewed periodically by the FAA.

Within the general flight technology area there are several different tracks that a student may follow as outlined below:

PRIVATE PILOT

LICENSE

**Flight Theory Private
Flight Private**

DIPLOMA

**Flight Theory Private
Flight Private
Air Traffic Control System
Meteorology
Navigation
Technical Mathematics**

FLORIDA SCHOOL OF THE ARTS

**Florida School Of The Arts/
St. Johns River Community College
5001 St. Johns Avenue
Palatka, FL 32077
(904) 328-1571
President - Dr. Robert McIendon
Contact Person - Tony Walsh**

The concept of the Florida School of the Arts began in 1970 with a strong interest in the arts from the Florida State Department of Education. A feasibility study was conducted to determine the possible success of an arts school on a community college campus in a small community such as Palatka, Florida. Upon completion of the study it was determined that a rural setting would be appropriate for intense studying in the arts on the campus of St. Johns River Community College, and the location of Palatka, with its close proximity to the metropolitan areas of Jacksonville, Daytona Beach, Orlando, and Gainesville was beneficial.

With this information, the college adopted the concept of the state arts school on its campus and began in collaboration with the State Department of Education to seek the necessary approvals. In 1974 the Division of Cultural Affairs and the Florida Fine Arts Council gave their approval for the establishment of the School of the Arts on the campus of St. Johns River Community College as Florida's only state-supported professional arts school for high school and college level students seeking careers in art, dance, music, and theatre.

Since its opening, the Florida School of the Arts has been able to set up quality arts training programs for high school and college students in art, dance, music, and theatre. It was decided to build the school evenly in the arts to create an *inter-arts atmosphere where crossover in the arts is possible* and students could broaden their experiences by being exposed to all the arts. Also, the school stressed the realities of the arts professions and required students to understand the business of the arts including income tax, budgeting, contracts, agents, grants merchandising, and public relations.

The faculty of the Florida School of the Arts consists of a core of teachers from the various arts disciplines who are academically, as well as professionally, qualified to teach on the college and high school level. In addition to their teaching, they actively keep a professional profile in the community and the state.

In addition to the core faculty, guest artists, performers, directors, and choreographers are brought in on a regular basis to create and form liaisons and dialogue with the professional arts world through interaction with the faculty and students.

The success of the school can now be evaluated by the success of its graduates. FloArts students who complete the programs are well able to compete in the arts fields in securing jobs or acceptance into upper level professional arts institutions. Within 14 years the Florida School of the Arts has established itself as a quality and unique institution in the state of Florida. It has been endorsed unanimously by the State Board of Community Colleges and in 1984 the Florida legislature officially placed the Florida School of the Arts in Florida statute.

FOREIGN LANGUAGES DEPARTMENT

**Tarrant County Junior College
828 Harwood Road
Hurst, TX 76054
(817) 281-7860**

**President - Dr. Herman Crow
Contact Persons - Dr. Jane Harper, Madeleine Lively**

The Department of Foreign Languages at Tarrant County Junior College Northeast Campus began emphasizing oral skill development in the early 1970's. The faculty developed teaching methods, activities, and materials to support these goals. In fact, in addition to changes in instruction, they modified the entire foreign language curriculum, creating a "flexible curriculum" which would offer sufficient learning time, a variety of instructional modes to fit various student learning styles, and numerous elective one-hour courses to provide intellectual stimulation, possibilities for remediation, cultural information, and a range of activities for the development and maintenance of conversational skills.

In addition to a four-semester sequence of courses in French, German, and Spanish, TCJC offers one-hour courses in four levels of listening comprehension, five levels of conversation, four levels of reading, four levels of grammar review, and cultural topics in music, art, history, cinema, and travel. Student response to the program has resulted in an enrollment of 1500 in foreign language courses on Northeast campus each semester, an enrollment several times the size of language enrollments in any other college in the area.

PROGRAM FOR SECONDARY TEACHERS OF FOREIGN LANGUAGES

Another component of the language curriculum at TCJC Northeast Campus is its program for secondary teachers of foreign languages. Understanding that these teachers may have limited opportunities to converse in the language that they teach with anyone other than students, the College faculty has taught conversation for teachers each semester for the last six years.

FACULTY AS CONSULTANTS

The administrators and faculty of the Department of Foreign Languages at TCJC Northeast Campus have developed their own instructional skills during the development of the extensive program of languages. Several of them serve frequently as consultants and often give workshops and presentations for other facilities and at professional meetings at the local, state, regional, and national levels. Thus, this exemplary program provides a model for the expansion and improvement of foreign language instruction in the United States.

DEMONSTRATED SUCCESS

If success can be measured in terms of enrollments, all aspects of this program are successful. Enrollments in the credit program have grown from 350 fall and spring in the early 1970's to a current level of 1500 each semester. The children's program has grown from an annual enrollment of 100 to 1600 since 1975. The teacher workshops, which began four years ago with eleven teachers, now have 450 enrollments in the summers.

GREENHOUSE AND GROUNDS MAINTENANCE

**Johnston Community College
P.O. Box 2350
Smithfield, NC 27577
(919) 934-3051
President - Dr. John L. Tart
Contact Person - E. Katherine Thrift**

The Greenhouse and Grounds Maintenance program, established in 1981, is a vocational training program developed for students with emotional or mental handicaps. It is a collaborative effort with the Johnston County Mental Health Center and has served as a model for other community colleges and mental health facilities in the state that are seeking to work together to provide similar services. The student population is identified and referred by psychologists from the Mental Health Center and by county vocational rehabilitation counselors.

The program consists of four quarters of classroom instruction and practical experience in grounds maintenance and greenhouse operations. The bulk of practical experience is gained in the unique environment of an on-campus greenhouse facility which is operated as a small business. Students participate in all aspects of the operation from maintenance and repairs to the growing and selling of greenhouse crops. At all times basic work habits and social skills are stressed: punctuality, dependability, safety, cooperation with others, etc. All activities are designed to increase the students self esteem and motivation and the retail sales environment provides daily opportunities for interaction with other members of the community.

Students attend the program five days/week, six hours/day. Each day is divided into lecture, laboratory and work experience sections. The Mental Health Center pays each student for work performed during the "work experience" portion of each day (approximately 3 hours/day). This enhances the student's self-esteem as he gradually adjusts to a work environment. The student receives a certificate upon completion of the program.

The student's successful employment and eventual integration into our community's mainstream is the ultimate goal of the program. An active advisory committee, consisting of local growers, businessmen and mental health professionals have assisted in the placement of graduates in the local horticulture industry. Graduates have also obtained employment in construction, food service and custodial positions. For many of these students, their employment represents their first real opportunity to function as productive citizens.

In November, 1988, the program received statewide recognition when it was presented with the Mental Health Merit Award by the North Carolina Council on Mental Health, Mental Retardation and Substance Abuse. The Greenhouse and Grounds Maintenance program is an example of the results that can be achieved through the cooperative efforts of interested community leaders.

HAZARDOUS MATERIALS TECHNOLOGY

**Front Range Community College
3645 West 112th Avenue
Westminster, CO 80030
(303) 466-8811
President - Cary A. Israel
Contact Person - Gwen Burton**

The Hazardous Materials Technology Program at Front Range Community College has been hailed as the first of its kind in the region to award Associate of Science Degrees for transfer to four colleges offering Environmental Science and Engineering. With an advisory committee from business, industry and governmental agencies, the Department of Environmental BioTechnology has developed a new curriculum to teach students how to handle, collect, transport, store, recycle, reclaim and dispose of hazardous materials in a safe, efficient, cost-effective manner, in accordance with the local, state and federal laws, policies and regulations.

The college contributes to the economic development of the region since many students in this program are unemployed, underemployed or dislocated workers who seek jobs in this new technological field. Many have college degrees and are retraining to seek positions as hazardous materials managers or health and safety officers within an industrial plant or business.

By their choice of courses and internship, students may train to assist industrial hygienists or safety officers in industrial plants, to assist in site investigations and inspections or to perform chemical analyses of hazardous materials. Some students may choose to develop expertise in writing technical reports, CAD drafting of sites and record keeping. Upon completion of the Associate of Science Degree, students may obtain a well paying job and/or transfer to a university to seek a Bachelor of Science Degree for advancement in the field.

Training students in handling and testing for hazardous materials requires sophisticated instruments and equipment which have been provided by Carl Perkins grants, Economic Development funds and donations from EPA, Hewlett Packard, Perkins Elmer, IBM, Rockwell International and other industries in the area.

A program of this kind which will provide training for employment of hundreds of individuals has great potential for a positive influence on the economic development of the Rocky Mountain Region. At present Front Range Community College has 170 new students enrolled in the Hazardous Materials Technology Program.

INTERDISCIPLINARY HUMANITIES PROGRAM

**Glendale Community College
1500 North Verdugo Road
Glendale, CA 91208
(818) 240-1000
President - John A Davitt
Contact Person - Sharon D. Scull**

The Interdisciplinary Humanities Program at Glendale Community College is unique in both mission and instructional approach. Students not only learn the relationships among disciplines in the overall educational scheme, but also benefit from the emphasis on critical thinking skills that complement the college composition program. Faculty from across the disciplines share their expertise and their views in planning and in interactive team teaching. Glendale is the only community college in California that requires its students to complete one interdisciplinary humanities course (in addition to other humanities requirements) to receive the associate degree. The program has been especially successful in helping students to think and write critically and effectively and to understand the importance of interpersonal relations and basic human values. In addition, faculty have experienced a degree of professional development that has benefited them, their peers, and their students.

Initially, interdisciplinary courses were developed collaboratively by the teams that wanted to offer them. Later, grant support from the California Community College Fund for Instructional Improvement provided eleven faculty members released time to work together in three teams to develop four courses. The program now includes ten transfer courses: East/West Culture and Civilization (two semesters); Modern Society in Its Milieux; The Human Struggle; Science, Literature, and human Insight; Irish History, Literature, and Culture; World Mythology; Creativity, Culture, and Society: Kaleidoscope; Literature and the Cultural Arts; and Crosscurrents: American Social Values. One course, Humanities and the World of Work, does not transfer. All courses satisfy graduation requirements. Subject areas represented are literature, composition, foreign language, film, drama, dance, physics, chemistry, astronomy, philosophy, history, art history, and political science.

To respond to changes in the community and the world, intercultural considerations are stressed. Works by women and minorities are written into the curriculum as appropriate. Classics of eastern literature complement western counterparts. Course content materials--both literary (novel, poetry, drama, biography, and criticism) and expository (factual, technical, scientific, and historical)--are fully integrated with writing instruction. Although reading requirements are heavy, courses incorporate various media for comparative analyses. Courses address ethical issues and require that students use reason and logic to examine values to determine whether the solutions of the past are compatible with the problems of the present. Although these broad-based courses are thematic, materials are presented comparatively to give students a sense of history within the context of change.

LONG-TERM CARE ADMINISTRATION

**Des Moines Area Community College^a
2006 South Ankeny Boulevard
Ankeny, IA 50021
(515) 964-6305
President - Joseph Borgen
Contact Person - Joanne Westergard**

Des Moines Area Community College (DMACC) has been training Iowa's Nursing Home Administrators since federal law mandated licensure in 1971. Now, 18 years later, over 70% of Iowa's nursing home administrators are DMACC graduates and many others are serving in related positions.

DMACC's Long-Term Care Administration Program offers one degree and two certificate options (the Health Care Administration Associate Degree, the Nursing Home Administrator Specialist Certificate, and the Residential Care Facility Administrator Specialist Certificate).

These innovative and flexible programs allow the adult student, displaced homemaker, and displaced farmer, handicapped and other minority persons from across the state of Iowa an opportunity to pursue an exciting and fulfilling career without having to relocate. AS Degree core requirements and business courses may be taken at other colleges and universities and transferred to DMACC. Long-term care administration course work and practicum originate at DMACC. Students come to the DMACC campus alternative weekends for class "seminar style" and receive guided independent study assignments between class meetings. Students attending four-year colleges pursue DMACC's long-term administration coursework and practicum while pursuing their bachelor's degree.

Although Iowa currently requires an Associate Degree to be eligible for licensure, 75% of DMACC's long-term care administration students have prior degrees and seek the highly acclaimed Nursing Home Administrator's Specialist Certificate—a package of long-term care administration coursework and practicum required for licensure eligibility.

Students in the Residential Care Facility Specialist Certificate program receive training required by the State Department of Inspections and Appeals for this supervised level of care, primarily for Iowa's mentally retarded, mentally ill, and developmentally disabled population. Completion of this certificate insures certification by the state.

Iowa's nursing home administrators serve as mentors for the program's practicum students. Adjunct program faculty, full-time professionals working part-time for the program, offer additional supervision and meet regularly with area students at model facilities for interactive dialogues between facility staff and students, problem solving, role playing, and tours.

Under the direction of the Program Instructor/Chair an interdisciplinary team of adjunct faculty and presenters consisting of single entity and corporate profit and non-profit professionals, state government leaders, local social and health care agency professionals and other DMACC faculty share instructional responsibility. Weekend classes are conducted in an interactive seminar style. The students find this opportunity to listen and dialogue with a wide variety of long-term care professionals exciting and fulfilling. DMACC has made a commitment to recruiting and retaining these quality adjunct faculty members and provides them with continuing instructional and professional development.

Current students, graduates, and employers of graduates are interviewed and surveyed to determine program effectiveness. Current program modifications and enhancements reflect survey and interview results. Program success is dependent on and a result of these efforts.

NUCLEAR ENGINEERING TECHNOLOGY

**Thames Valley State Technical College
574 New London Turnpike
Norwich, CT 06360
(203) 886-0177**

**President - Dr. R. Eileen Baccus
Contact Person - James Sherrard**

June 1989 will mark the fifth graduating class of a unique associate's degree program developed and sponsored jointly by the Connecticut State Technical College System and Northeast Utilities. As a perceived outgrowth of the Three Mile Island and Chernobyl nuclear "incidents", it was correctly assessed that the federal Nuclear Regulatory Commission (NRC) would require at least a two year Associate's Degree for all nuclear power plant watchstanding personnel by 1991.

With no such available two-year nuclear program existing in the entire northeast, the Nuclear Engineering Technology program at Thames Valley State Technical College became only the sixth such program in the entire country. With the strong support of its twelve member Nuclear Advisory Committee (NAC), an ABET-accreditable curriculum was developed which would satisfy three major goals: 1) provide a strong technical program which would fully satisfy the NRC's academic licensing requirements for commercial nuclear power personnel; 2) produce a recognized, accredited two-year technology program which would prepare the graduate for an easy transition into a four-year baccalaureate engineering degree; and 3) establish a quality nuclear education program which would allow the graduate to successfully find employment in any of the numerous nuclear science or engineering-related businesses in the northeast.

The nuclear program only permits 25 full-time students to enter each year. Of these, up to 20 positions are set aside for full scholarships offered by corporate members of our NAC. These full scholarships provide: 1) all tuition and student fees; 2) all textbooks costs; 3) a monthly stipend of \$400.00; and 4) guaranteed summer internship employment for both summers at one of our NAC member's facilities. Most importantly, the student incurs no obligations from accepting a scholarship, upon graduation he or she is free to pursue whatever educational or employment goal they may have set.

To date, there have been 72 graduates from the program. The majority, some 91%, have opted to immediately accept employment in the nuclear field, while the remaining 9% have gone on to work toward their baccalaureate degree. Virtually all of these continuing students have opted for Mechanical Engineering programs at the University of Connecticut or the University of New Haven, or a nuclear Engineering program at the University of Lowell. As our NAC membership includes the respective department chairmen from these three ABET accredited universities, the graduates can complete their baccalaureate work with two additional years and one summer of continued study.

As the nuclear industry workforce has historically been comprised primarily of white male, ex-military personnel, the college has made a concerted effort to encourage women and minorities in this demanding technical field. An average 18% of the graduates are women or minorities, as are 48% of this year's freshman class. Similarly, the degree program has been fully expanded into the evenings to permit the full-time worker the opportunity to return to college to obtain his/her degree.

NUCLEAR SECURITY TRAINING

Eastern Idaho Vocational-Technical School

1600 Hitt Road

Idaho Falls, ID 83404

(208) 524-3000

President - John E. Christofferson

Contact Person - Kathy Merrill

The Nuclear Security Training Program is designed to provide highly trained security officers for employment in United States Department of Energy installations, commercial power plants, and the nuclear security industry. Eastern Idaho Vocational-Technical School (EIVTS) established the program in cooperation with the U.S. Department of Energy Idaho Operations Office (DOE-ID) in response to a national need for security guards trained specifically for the nuclear industry.

In the mid-1980's, DOE-ID provided funding for EIVTS to investigate existing training programs and schools which offered nuclear security guard instruction. Finding no schools or curriculum designed for the nuclear industry, EIVTS developed its own curriculum and program training format in 1986.

In developing curriculum for the Certificate of Applied Science training program, EIVTS collaborated with security officials from DOE-ID, and traveled extensively throughout the United States to observe law enforcement related training programs. EIVTS officials reviewed the Law Enforcement training program at Rio Hondo Community College in Whittier, California, the Security Management course at Northern Virginia Community College, and met with representatives of the American Society for Industrial Security in Washington, D.C. In addition, EIVTS reviewed security programs at the Los Angeles International Airport, and Baltimore Gas and Electric to determine how company sponsored on-site training is conducted.

The Nuclear Security Training Program enrolls 60 students a year, with a new course available to 12 participants every nine weeks. Students attend comprehensive classroom and supervised work experience training at the Idaho National Engineering Laboratory (INEL). Additionally, Nuclear Security Training program students obtain a type "Q" security clearance for the INEL.

EIVTS instructors utilize competency-based instructional modules in classroom and on-site settings. Students receive classroom instruction in nuclear security safety, physical fitness, self defense, human relations/supervisory training, communications, radio procedures, patrolling, security reports, bomb recognition, armed security, and other topics. Students also receive 80 hours of supervised work experience at Argonne National Laboratory and Protection Technology Incorporated of Idaho, both located at the INEL in Idaho Falls, Idaho.

Students also receive real life instruction through specialized equipment such as the Firearm Training System (FATS). This computerized "shoot/don't shoot" system projects real life scenarios on a screen.

Since the program's inception, over 85 percent of the graduates have been placed in training related employment. EIVTS graduates have been employed by DOE sites such as Los Alamos, New Mexico, Sandia National Laboratories in Livermore, California, Hartford, Connecticut, Savannah River, South Carolina, the Nevada Test Site, Hanford, Washington, and Portsmouth, Ohio.

OPHTHALMIC DISPENSING TECHNOLOGY

**Dekalb Technical Institute
495 N. Indian Creek Drive
Clarkston, GA 30021
(404) 297-9522
President - Paul M. Starnes
Contact Person - Thomas Schulz**

The Ophthalmic Dispensing Technology program at DeKalb Technical Institute is the only one of its kind in the State of Georgia. It is designed to fill the need for trained and licensed dispensing opticians in both clinical and retail optical establishments including hospital outpatient clinics, health maintenance organizations, the private practices of ophthalmologists and optometrists, and optical centers in drug stores, department stores, and shopping malls.

The program is a blend of academic and technically-oriented courses and includes both on-campus student laboratory experience as well as on-the-job training with local affiliated businesses. It offers the student the option of obtaining a six-quarter diploma or a two year Associate in Applied Technology Degree awarded by DeKalb Technical Institute. Through a collaborative agreement with DeKalb College, students may also choose an Associate in Applied Science Degree awarded by the College.

In the past three years that the ABO and NCLE exams have been included in Georgia's licensure examination for dispensing opticians, graduate performance has maintained a success rate of 90%. In August, 1988, the program received full accreditation from the Commission on Opticianry Accreditation.

PASSPORT PROGRAM

**Wabash Valley College
2200 College Drive
Mt. Carmel, IL 62863
(618) 262-8641
President - Harry K. Benson
Contact Person - Thomas E. Gamble**

The PASSPORT program is a one semester hour credit course for new students to the College to become oriented to services, procedures and to their chosen field of study. At the beginning of each term, the new student is issued a small booklet which includes a series of activities and experiences which will orient them to the College and its services and programs. Some events are specifically scheduled, others the student is expected to sign up for on an individual or small group basis. The emphasis is on the student taking personal responsibility for completing the course by the end of the term. Some of the activities are optional (i.e. dance, campus tour, meeting with Peer Counselor students), others are mandatory (assemblies, library and Academic Assistance Center orientations). The idea behind the program is to make college orientation as flexible and painless as possible, while speaking to the current thinking today in student orientation programs that an extended orientation program is most desirable. The travel theme is maintained throughout the program to add interest and levity to the various activities.

The key components of the PASSPORT Program include:

- exposure to student services and activities
- an understanding of how the college is organized administratively
- exposure to all academic and vo-tech programs
- contact with assigned Faculty Advisor
- diagnostic testing for career decisions
- techniques for study and improved college performance
- job application and placement
- tour of the physical facilities of the college
- opportunity to talk with previously enrolled students (Peer Counselors)
- course registration
- yearbook photograph
- socializing with other students of the college
- follow-up and follow-through on how new student is getting along late in the first term
- preparation for next semester
- evaluation of the PASSPORT program itself by the participants

The PASSPORT Program is brought to the new student's attention prior to arriving at the College through a regular new-student mailing which includes a letter, which refers to the program, and a brochure on the program.

The PASSPORT Program at Wabash Valley College was initiated in the Fall Semester 1988 with approximately 300 new students including both traditional and non-traditional students. Participation rates were at about the 85% level with expectations that figure should reach 97% by the end of the Spring Semester. Since the course is required for graduation, participation is expected to remain high.

To facilitate completion of the program, all general assemblies were video taped and made available through the Academic Assistance Center. For Spring Semester new students, the video tapes will be used in place of repeating the general assemblies as the number of new students does not justify the repeat performances.

**PROFESSOR SAM - TOUCH MODEL/INTERACTIVE
VIDEO FOR TEACHING BIOLOGY**

**Riverside Community College
4800 Magnolia Ave.
Riverside, CA 92506
(714) 684-3240
President - Charles A. Kane
Contact Person - Paul J. Roby**

In 1987 the Optical Data Corporation of Forham Park, NJ and the CEIT Corporation of San Jose, CA provided Dr. Sam Huang with the necessary equipment to develop a Level III interactive video course for General Biology. This program called "Professor Sam", contains 18 chapters of computer text and remediation, integrated with the laser disc "Principles of Biology". Within "Professor Sam", he has created hundreds of computer tests; over 400 computer graphics; over 500 questions and answers set at three levels of difficulty; and touch-sensitive biological models (cell, DNA, ribosome, mitotic cells, worm, clam, fetal pig, frog, kidney, heart and flowers) integrated with the interactive video program. Each question in "Professor Sam" is branched and looped to the laser disc, the computer or the touch-sensitive model for remediation if a student answers the questions incorrectly.

"Professor Sam" is currently being used in the second year of a General Biology class at Riverside Community College. Students are excited about this new educational method and are very much involved in the evaluation of "Professor Sam".

Last year, Sam Huang won the IBM League of Innovation award which will lead to the development of an interactive video program for teaching anatomy. He is currently working with the Riverside County Schools office to develop an interactive video program for the teaching of AIDS prevention.

Sam has lectured on the subject of interactive video and demonstrated "Professor Sam" at the University of Texas, School of Education; the Society for Applied Learning Technology, Washington, DC; the National Cancer Institute, Bethesda, MD; and the California Educational Computing Conference at San Diego, CA.

THE TALENT PROGRAM

**Penn Valley Community College
3200 Broadway
Kansas City, MO 64111
(816) 756-0220
President - Zelema Harris
Contact Persons - Wayne Giles, Kathy Meagher**

At the Metropolitan Community Colleges (MCC) in Kansas City, the unique TALENT program is successfully preparing its students for teaching careers in the elementary and secondary schools. TALENT (Taking A Lead in Educating New Teachers) is a two-year program implemented at Penn Valley Community College and designed to identify, recruit, educate, and transfer potential teachers. Participating students complete a curriculum that includes internships each semester in public school classrooms under the supervision of volunteer teacher-mentors who have received the Excellence in Teaching award sponsored by The Kansas City Star, The Chamber of Commerce, and The Learning Exchange (a private, not-for-profit educational resource center serving Greater Kansas City). In addition, the students attend innovative courses in the humanities and sciences that emphasize critical thinking and writing skills; participate in community field trips and seminars; and work in a school, community, and university partnership program at Westport High School, and urban magnet school in Kansas City.

Although it is unusual for a community college to take the initiative in teacher preparation, TALENT has been embraced by the Missouri State Board of Education and by several area colleges and universities that have expressed an interest in working with the program. TALENT was initially funded by a \$17,000 development grant from the Harry W. Loose Trust, an affiliated trust of The Greater Kansas City Community Foundation and a \$25,000 grant from the League for the Humanities. Effective planning and the quality of the program itself soon paid off in implementation grants totaling \$300,000! Half of it was from the Carrie J. Loose Trust, an affiliated trust of The Greater Kansas City Community Foundation, and half from the Parker B. Francis III Foundation. Recently, the Oppenstein Brothers Foundation awarded an additional \$10,000 to TALENT. Each of the 35 participating students, nine of whom are minority students, receives a \$300 grant every semester.

Too often the best and the brightest students are not encouraged to pursue careers in education. To its credit, the TALENT program helps excellent students from all over the Kansas City area recognize the honor and the satisfaction inherent in the most important of professions--teaching.

TELECOMMUNICATIONS INSTRUCTIONAL CONSORTIUM

Waubonsee Community College
Rt. 47 At Harter Road
Sugar Grove, IL 60554
(312) 466-4811
President - John J. Swalec
Contact Person - Donald J. Foster

In the fall of 1988, Waubonsee Community College began full operation of a telecommunications system that employs a 23GHz, direct path, interactive (video and audio) microwave system that links the main campus of the College with four area high schools and the downtown Aurora Campus in nearby Aurora, Illinois.

This is a collaborative project, facilitated by an intergovernmental agreement between the College and area high schools, which enables the high schools to originate and telecast courses for up to five sites at the same time and makes it possible for the College to originate courses at all sites, teaching to two or more groups of students simultaneously. College courses are also offered at the receive sites at the area high schools either during the day or in the evening to supplement and enrich the high school curriculum. The College evening extension program has also been expanded through the system with each high school receive site functioning as an extension center.

The implications of this for curriculum expansion and cost savings are significant. It means that one teacher can teach up to four or five classes located at different sites simultaneously. It means that a special course in exotic subjects such as Japanese Language and Culture of High Energy Particle Physics, taught by a scientist from Fermi Laboratory in nearby Batavia, can be offered to students attending both large and small high schools. It means that an upper level mathematics or science seminar class can be offered to high ability seniors regardless of size, location, or wealth of their home high school district. Other courses that are scheduled include third and fourth year foreign language courses, world cultures, and humanities. The capability to fully utilize the talents of outstanding teachers in each academic area and expand the curriculum offerings of all high schools in the consortium is an important consideration -- aside from the substantial cost savings to the participating schools. The College is able to share instruction between the two campuses on a regularly scheduled basis, expand extension course offerings, reduce instructional costs, and make the skills of our best faculty members available to a much wider audience.

At the mid-semester point in the Fall, 1988 semester, a review session was held with the faculty members who taught courses on the TIC System. As of that date, the faculty were uniformly enthusiastic about teaching on the system. They reported that, while more preparation was involved, a positive benefit was that it provided an opportunity to view their classroom: presentation and teaching methods in a new light. Many of them took video tapes of their presentations home to view and critique. Thus, an unanticipated staff development benefit was achieved.

Section IV

Institutional Nominations by Category

Academic and Student Support	25
Allied Health / Nursing	42
Articulation	58
Arts / Humanities / Social Science	61
Business / Secretarial	74
Computers / Computer Assisted Instruction	82
Criminal Justice	85
Early Childhood	88
English as a Second Language	91
Food Service / Hospitality	93
Honors	97
Instructional Approaches	100
Mathematics / Science	104
Physical Fitness	109
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Technical	114

ACADEMIC AND STUDENT SUPPORT

ACCELERATED LEARNING

**Compton Community College
1111 E. Artesia Boulevard
Compton CA 90221-5393
(213) 637-2660
President - Dr. Edlson O. Jackson
Contact Person - Dr. Warren A. Washington**

The Program seeks to provide an intensive learning model designed for basic skill learners, and uses an interdisciplinary team approach. Special emphasis is placed on the application of skills across the curriculum in reading, composition and grammatical structures, rhetoric and reasoning, and mathematics. The Program seeks to determine the impact of such an alternative learning model on: student retention, student skill development, student team building, and student progression through the basic skills curriculum.

ACCESS

**Amarillo College
P.O. Box 447
Amarillo, TX 79178
(806) 371-5423
PRESIDENT - Dr. George T. Miller
Contact Person - Judy Isbell**

ACCESS is a comprehensive Program of courses, services, and learning laboratories that build student entry performance levels in basic skills anywhere along a continuum from grade 0 to college. The ACCESS Program works toward the employability and training prognosis for dropouts, probationees, the learning disabled, the physically disabled, those with limited English language proficiency, academic suspendees, and any who are underprepared. Instructional techniques include The Laubach Way to Reading for One-on-One literacy tutoring.

ACCESS '88

**York Technical College
Highway 21 By-Pass
Rock Hill, SC 29730
(803) 324-3130
President - Dennis Merrell
Contact Person - Jo Ann Gardner**

Winthrop College and York Technical College have designed the Program to make college study accessible for students who are deficient in more than two of the required high school credits for college entry or who have demonstrated some other difficulty in meeting the entrance requirements for a senior institution. Through this Program students identified by Winthrop as not meeting entrance requirements but who show potential for successful college work were referred to York Tech to complete a prescribed program of transferrable course work.

ADULT BASIC EDUCATION

**Chemeketa Community College
P.O. Box 14007
Salem, OR 97309
(503) 399-5121
President - William Segura
Contact Person - Becky Johnen**

The Program provides a range of basic education programs and services to meet the needs of adult learners of varied abilities and needs. Components of the ABE program include: multiple entry/exit points, basic skills development for non-readers, minimally-skilled individuals, developmentally disabled adults and the learning disabled, deaf/visually impaired; it also includes English as a Second Language (ESL), with language acquisition, citizenship and civics training, refugee employment training and assistance with amnesty applications.

ADULT EDUCATIONAL DEVELOPMENT

**William Rainey Harper College
1200 W. Algonquin Road
Palatine, IL 60067-7398
(312) 397-3000
President - Dr. Paul N. Thompson
Contact Person - Patricia Mulcrone**

The AED Department's purpose is comprehensive services to the educationally or economically/socially disadvantaged as well as numerous linkages to institutions, agencies, or employers for collaborative efforts to serve students/employees. The AED Department conducts open entry/open exit, year-round Nonnative Literacy, Basic Skills, Pre-GED, General Educational Development, Pre-employment Skills, and Citizenship Training Programs for approximately 3,500 youth and adults yearly.

THE AMERICAN SIGN LANGUAGE/ENGLISH STUDIES PROJECT

**Pima Community College
2202 West Anklam Road
Tucson, AZ 85709
(602) 884-6974
President - Diego Navarrette, Jr.
Contact Persons - Richard L. Brodesky, Helene Cohen**

To enable Deaf students to enhance their success, Pima has developed the American Sign Language (ASL)/English Studies Project. The Project helps students feel poised and confident about their work in both languages. More specifically, the goal is to prepare students for the first of a sequence of English composition courses. An initial orientation to symbols and language is provided.

ASSIST

**Oakton Community College
1600 E. Golf Road
Des Plaines, IL 60016
(312) 635-1660
President - Thomas Tenhoeve
Contact Person - Margaret B. Lee**

ASSIST (Additional Student Services Instructional Support Team) consists of a group of professionals involved in providing a variety of services to special needs students. The professionals include faculty from math, English, science, data processing, Student Development; administrators from Instructional Support Services; basic skill tutors; and staff who deal with special needs students. ASSIST serves students who have a variety of disabilities which include learning disabilities, visual disabilities, hearing impairments, physical limitations, or multiple handicaps.

B.E.L.L

**Donnelly College
608 North 18th Street
Kansas City, KS 66102
(913) 621-6070
President - Dr. John P. Murry
Contact Person - Sister Peter Parry**

The Program offers neighborhoods local centers of basic education through its four locations, removing the obstacle of distance to people lacking transportation. Most of the students at each center are from that specific community, providing the students with a common bond when they enter school. They see themselves as a group working toward a common goal.

BRIDGE TO EDUCATION

**Niagara County Community College
3111 Saunders Settlement Road
Sanborn, NY 14132
(716) 731-3271
President - Gerald L. Miller
Contact Person - Barbara Brooks**

Bridge to Education provides a series of self-exploration, career awareness, life skills, academic and basic skills activities to single parents currently receiving public assistance who aspire to a college education. A large support group, "Caring and Sharing," meets on a monthly basis sponsored by NCCC's Parent Resource Center. It offers understanding and emotional support, and individual counseling is available.

CAREER

**Mercer County Community College
1200 Old Trenton Road
Trenton, NJ 08690
(609) 586-4800
President - John P. Hanley
Contact Person - Tony Mennuti**

CAREER is a career assessment, remediation, education, e.mployment and re-entry program to assist county residents with extreme educational needs to break away from a pattern of poverty and move into productive work lives. Using the DACUM model, CAREER offers six intensive short-term job training programs which are directly linked to existing academic certificate and degree programs offered at the College.

CAREER-BASED FACULTY ADVISORY SYSTEM

**Peirce Junlor College
1420 Pine Street
Philadelphia, PA 19102
(215) 545-6400
President - Dr. Raymond C. Lewin
Contact Person - Dr. Richard Uberti**

The Career - Based Faculty Advisory System is geared toward keeping students with satisfactory performance in college until graduation. Freshmen are advised by career-based faculty. Biweekly one-hour meetings are held covering such topics as study skills, referral services, choosing the right courses, college policies, etc. The System also focusses on career awareness and exploration.

CENTRAL AMERICAN SCHOLARSHIP PROGRAM

**Waukesha County Technical College
800 Main Street
Pewaukee, WI 53072
(414) 691-5566
President - Dr. Richard T. Anderson
Contact Person - Thomas L. Millard**

The CASP Program places socio-economically disadvantaged Central American youth at the main campus of WCTC for periods ranging from 4 1/2 to 24 months. These students increase in English language proficiency, gain appreciation for the culture of the United States, develop their leadership ability, and acquire job related skills in occupational areas ranging from machine tool operation to fashion merchandising. The objectives of the Program are achieved in the classroom, on the campus, and in the homes of host families with whom the CASP students live.

THE COMMUNITY LEARNING CENTER

**Anne Arundel Community College
1101 College Parkway
Arnold, MD 21012
(301) 768-4222
President - Dr. Thomas E. Fiorellano
Contact Person - Dr. Bill G. Clutter**

The Community Learning Center is a computer-assisted adult literacy lab. It helps adults to develop basic skills in order to acquire meaningful employment. It also serves as a model for cooperative ventures between educational providers and human services programs of state and local government.

COUNSELING CENTER/ADULT STUDENTS AND WOMEN'S SERVICES

**Amarillo College
P.O. Box 447
Amarillo, TX 79178
(806) 371-5000
President - Dr. George T. Miller
Contact Person - Donna Moore**

Based on institutional pre-vocational training workshops, community outreach centers have been established in the Black and Hispanic areas of the city. The purpose is building a rapport with individuals within their own community and breaking down barriers and fears of continued education. Monthly workshops, daily counseling, and other conferences, activities, and presentations are held throughout the year. These are non-credit, but encourage individuals to later seek college credit training.

THE DEPARTMENT OF ENGLISH' DEVELOPMENTAL COURSES REVIEW

**Community College Of Allegheny County
808 Ridge Avenue
Pittsburgh, PA 15212
(412) 237-2510
President - Julius R. Brown
Contact Person - Kenneth L. Hirschi**

The Developmental Courses Review provides that students enrolled in the two developmental composition courses will have an end-of-course essay read by two faculty members. The result of the evaluation determines whether the course grade to be given by a student's instructor will, in fact, be the grade given. Where the essay fails a student's folder containing a semester's work is evaluated to determine the final grade. This Review has helped standardize evaluation before students may enter college-level composition courses.

DEVELOPMENTAL PROGRAM IN COMMUNICATIONS

**Howard Community College
Little Patuxent Parkway
Columbia, MD 21045
(301) 992-4800
President - Dr. Dwight Burrill
Contact Person - C.B. Lovell**

The Developmental Program in Communications has been designed to meet the specific needs of students who need additional basic skill work in the areas of writing and reading. For those students who require both the reading and writing components, there is a six credit course which addresses both of these skill areas. All courses are taught using a class/lab model.

DEVELOPMENTAL STUDIES

**Southwest Collegiate Institute For The Deaf Of Howard College
Avenue C
Big Spring, TX 79720
(915) 267-2511
President - Dr. Bob Riley
Contact Person - Ron Brasel**

The Program enables an increased number of deaf students and hearing students in the Interpreter Training Program and the Paraprofessional for the Hearing Impaired Program to pursue higher education and training. Opportunity is provided to upgrade reading, writing, math, and study skills. Most courses are individualized.

EARLY ENGLISH COMPOSITION ASSESSMENT

**Clark State Community College
570 East Leffel Lane
Springfield, OH 45505
(513) 325-0691
President - Albert A Salerno
Contact Person - Dr. Marsha Bordner**

EECAP is designed to alert high school juniors of their strength and deficiencies in writing so that intervention can take place before their senior year. Clark professors and high school teachers evaluate high school English essays written by the juniors. The Program also improves composition instruction in the schools through in-service activities.

ENGLISH LANGUAGE TRAINING INSTITUTE

**Panama Canal College
Apo Miami 34002
(507) 252-3304
President - Dr. Joseph F. Shields
Contact Person - Dr. Ruth Russell**

The English Language Training Institute represents a cooperative effort between Department of Defense Dependents Schools, United States Embassy-Panama, and Georgetown University-Central American Peace Scholarship Project. The Program includes a core of four hours daily of intensive English instruction and one hour daily of introduction to U.S. culture. In addition, all students are required to take courses in science, mathematics, computer keyboarding and computer literacy with regular students at Panama Canal College.

ENGLISH LEARNING CENTER

**Del Mar College
Baldwin And Ayers
Corpus Christi, TX 78404
(512) 886-1364
President - Buddy R. Venters
Contact Person - Lupe Wilson**

The English Learning Center provides help to anyone, with or without a referral, who seeks to improve English and reading skills. The ELC provides tutoring to individual students or groups of students in two subjects: English and reading. Student assistants at the Center are qualified to answer questions regarding almost any area of grammar or writing.

INITIATIVE FOR WORK FORCE EXCELLENCE

**Orangeburg Calhoun Technical College
3250 St. Matthews Road
Orangeburg, SC 29115
(803) 536-0311
President - Rudy Groomes
Contact Person - Chris Walsh**

The Initiative for Work Force Excellence is a Program to combat basic skills deficiencies in the workplace. Through the Initiative, the College has established four workplace projects - three on-site at the industries and one located at College. Classes are scheduled at convenient times before and after shifts, so as to be accessible to all employees. The classes offer skills enhancement training from grade levels three through twelve.

INTERDISCIPLINARY SEMINARS FOR FACULTY

**Nassau Community College
Garden City, NY 11530
(516) 222-7177
President - Dr. Sean Fanelli
Contact Person - Bernice W. Killman**

The Seminars for Faculty mirror the work of the classroom with students. Faculty perform tasks to improve their "literacy skills" consistent with what is expected of their own students. The goal is to improve students' ability to read, write, speak, listen, observe, and think.

IT'S YOUR TURN

**Dekalb Technical Institute
495 North Indian Creek Drive
Clarkston, GA 30021
(404) 297-9522
President - Dr. Paul M. Starnes
Contact Person - Elizabeth Todd**

The Single Parent/Displaced Homemaker Program entitled "It's Your Turn" is designed primarily for females who have been forced into new roles related to revolutionary changes in society and the work force. The Program provides support services for economically and/or educationally disadvantaged single parents and displaced homemakers who have custody of a minor child. These persons are attracted to the Program because it provides a delivery system that increases their ability to obtain postsecondary education skills leading to employment in non-traditional occupations.

IT'S YOUR TURN FOR THE YOUNGER SET

**Dekalb Technical Institute
495 North Indian Creek Drive
Clarkston, GA 30021
(404) 297-9522
President - Dr. Paul M. Starnes
Contact Person - Elizabeth Todd**

"It's Your Turn for the Younger Set" compliments a larger operation designed for displaced homemakers and single parents. The Program provides support services for economically and/or educationally disadvantaged single parents 16 to 21 years of age who have custody of a minor child. Young single parents are attracted to the Program because it is noted to increase their ability to obtain skills in occupational education leading to gainful employment. Monthly activities include discussions of upcoming program content, awards and recognition of achievement, workshops on time management, how to pursue employment, and self-esteem development.

LEARNING DEVELOPMENT CENTER

**Red Rocks Community College
1330c West 6th Avenue
Lakewood, CO 80401
(303) 988-6160
President - Dorothy Horrell
Contact Person - Sarah Dey**

The Center offers a complete range of services designed to improve basic skills abilities of over 2,500 students annually. Assessment test scores guide advising into open-entry, self-paced courses in reading, English, math, and study skills. Ongoing collaborative ventures combine the services of major businesses, the local JPTA affiliate, school systems, and non-profit agencies.

LEARNING SUPPORT CENTER

**St. Petersburg Junior College
P.O. Box 13489
St. Petersburg, FL 33733
(813) 791-2674
President - Dr. Carl Kuttler, Jr.
Contact Person - Helen Gilbart**

The Learning Support Center strives to develop and maintain a student-oriented atmosphere in which all students are made to feel that they are special. The Center provides free tutorial assistance in all disciplines; offers individualized self-paced courses; provides instruction in basic writing and reading; and computer assisted instruction. Student tutors are honor students who receive tutor training to learn effective ways to work with others.

ON-TRACK '88

**York Technical College
Highway 21 By-pass
Rock Hill, SC 29730
(803) 324-3130
President - Dennis Merrell
Contact Person - Jo Ann Gardner**

Winthrop College and York Technical College have designed this Program to allow students who do not meet the foreign language, math, or science high school requirements for college entry to begin their college work without having to return to high school to make up these units. Students in this program are accepted by Winthrop. With their Winthrop advisors, the students plan a summer or fall schedule which allows them to take non-credit courses in the subject(s) in which they had a high school deficiency as well as credit courses for their selected major.

OUTREACH PROGRAM

**Manor Junior College
Fox Chase Road And Forrest Avenue
Jenkintown, PA 19046
(215) 885-2360
President - Sister Mary Cecilla Jurasinski
Contact Persons - Sr. Cellne, Jonn Boyd**

The Program seeks to identify and assist "high risk" students. All applications are reviewed to identify such students. Placement tests and orientation sessions are provided. Summer basic skills courses are recommended as needed.

PARALLEL STUDIES

**Austin Community College
P.O. Box 2285
Austin, TX 78768
(512) 483-7647
President - Dr. Dan Angel
Contact Person - Dr. Dale Gares**

The major goals of Parallel Studies are: to locate, through assessment, those students who lack basic skills; to provide the quality instruction in basic skills that enables such students to become independent, confident, mainstream college students; and to offer typical mainstream college students the opportunity to strengthen weaknesses or sharpen skills. Parallel Studies provides quality instruction for students who need academic assistance to proceed successfully. Paramount is Parallel Studies' ability to deliver instruction succinctly, clearly, and in a variety of modes so that students' skills development is sequential and timely.

PERSONAL GROWTH AND ACADEMIC EFFECTIVENESS

**Community College Of Allegheny County
808 Ridge Avenue
Pittsburgh, PA 15212
(412) 237-2525
President - Dr. Julius Brown
Contact Persons - Dr. Lawrencella Dukes, Mary Lou Case**

Personal Growth and Academic Effectiveness is a one-credit course specifically designed by the Counseling Department for first semester students. The course is taught by the counselors. It is designed to assist students in developing skills to become successful in the college environment.

PRE-FRESHMAN SUMMER IMMERSION

**Borough Of Manhattan Community College
199 Chambers Street
New York, NY 10007
(212) 618-1600
President - Augusta S. Kappner
Contact Person - Stephen Curtis**

The Pre-Freshman Summer Immersion Program provides underprepared freshmen with a comprehensive program designed to improve their preparation for college. The goal of the Program is to enable students to improve their basic skills in Reading, Writing, Mathematics and English as a Second Language, and to meet university and college proficiency standards prior to Fall or Spring enrollment.

PREP PROGRAM

**Cosumnes River College
8401 Center Parkway
Sacramento, CA 95823
(916) 686-7359
President - Dr. Marc Hall
Contact Persons - Dennis Edwards or Joan Naake**

The PREP Program (Preparatory Reading and English Program) was developed in 1975 in response to a study made in that same year which found that 20 percent of the entering freshmen were reading below the ninth grade level and that 60 percent failed during their first semester in college. The PREP Program is a two-hour daily class; one hour is devoted to reading instruction and one hour is devoted to writing instruction. The Program is highly structured and based on mastery learning.

PROGRAM FOR THE DEAF

**St. Petersburg Junior College
P.O. Box 13489
St. Petersburg, FL 33733
(813) 791-2628
President - Dr. Carl Kuttler, Jr.
Contact Person - Dee A. Rlsley**

The Program for the Deaf provides intensive support services to make the College accessible to disabled students. Services provided include interpreting, tutoring, reading, writing, and specialized placement assistance. Additional program offerings include: a summer preparatory program for entering freshmen; specially designed curricula for the hearing impaired; social and leadership training activities; and job placement.

READING, 'RITING, 'RITHMETIC AND RECIPES

**Florida Community College At Jacksonville
4501 Capper Road
Jacksonville, FL 32218
(904) 766-6701**

**President - Dr. Charles C. Spence
Contact Person - Robert Wofford**

Reading, 'Riting, 'Rithmetic and Recipes is to enhance the education of Adult Basic Education students academically, nutritionally and economically. It serves the needs of primarily low income adults who need literacy training to also learn to plan and prepare nutritious, attractive, and healthy meals. A module of this program focuses on diet related diseases and what can be done to treat and/or control these conditions through diet and food preparations.

THE RECRUITMENT AND RETENTION PROJECT

**Jefferson Community College
109 E. Broadway
Louisville, KY 40202
(502) 584-0181**

**President - Dr. Ronald J. Horvath
Contact Person - Dr. Ronald J. Horvath**

The Recruitment and Retention Project is primarily geared to reducing attrition rates. The Project has the following phases: Pre-Enrollment, Campus Enrollment, Class Attendance, and Post Class Phase. Within each phase activities such as registration, orientation, and advising have been provided within a unified structure so that each segment is seen in its relationships with others.

REWARD

**Elizabethtown Community College
College Street Road
Elizabethtown, KY 42701
(502) 769-2371**

**President - Dr. Charles E. Stebbins
Contact Person - Loretta Foster**

Reward (Re-entering Education with a Real Determination) is designed to assist single parents and displaced homemakers in their efforts to return to school and to succeed in school. Twenty-four participants selected each year attend a one-week intensive workshop prior to the fall semester, conducted by the project's two directors and coordinator. Topics covered include: building self-esteem, stress management, time management, financial planning, developing a positive "I Can" attitude, and value clarification.

RURAL CAREER ASSISTANCE CENTER

**Clark State Community College
570 East Leffel Lane
Springfield, OH 45505
(513) 325-0691
President - Albert A. Salerno
Contact Person - Carl Best**

The Rural Career Assistance Center helps rural persons and farm families with a variety of concerns. Employment contacts are provided to supplement farming incomes or to replace farming with alternatives. Scholarship assistance is also provided with persons pursuing associate degrees at the College.

SEEDS OF SUCCESS

**Monroe Community College
1000 E. Henrietta Road
Rochester, NY 14623
(716) 424-5200
President - Peter A. Spina
Contact Person - Mary Pat Pennell**

"Seeds of Success" is a student retention program. High risk students are identified through tests, high school grades, and the program directors. Intervention activities are then planned based on the results. Post tests are administered to be used with final grades to provide student profiles.

STEP UP TO COLLEGE

**St. Louis Community College At Forest Park
5600 Oakland Avenue
St. Louis, MO 63110
(314) 644-9282
President - Dr. Vernon O. Crawley
Contact Person - Dr. William R. Kennedy**

The Program is to address the decline in minority high school graduates enrolling in post-secondary institutions. It is targeted at minority youth who had recently graduated from high school and eliminated the financial barrier of cost, with tuition and book fees waived for up to seven credit hours of instruction. The Program has one requirement: each student has to enroll in a course offered by the counseling department that addresses study skills, career awareness, college survival skills, time management, and personal awareness.

STUDENT TRANSITION AND RETENTION

**Rancho Santiago College
17th At Bristol Streets
Santa Ana, CA 92706
(714) 667-3035
President - Dr. Robert Jensen
Contact Person - Dr. George Osborn**

The Student Transition and Retention Program (STAR) offers disaffected, high risk students educational and employment development opportunities, unavailable through the school district alone, that lead to a diploma and/or GED certificate and meaningful training and job placement. Through an articulation agreement between Rancho Santiago College and Santa Ana Unified School District, staff from both agencies have developed a plan to identify (as early as grade 9) the high risk students who are one or more years behind their entry classes. College and high school staff work together in informing students and their parents about the Student Transition and Retention Program alternative, and those students desiring to participate transition to the Continuing Education Division of Rancho College at age 17.

STUDY SKILLS DEVELOPMENT AND REMEDIATION

**Illinois Valley Community College
Rural Route One
Oglesby, IL 61348
(815) 224-2720
President - Dr. Alfred Wisgoski
Contact Persons - Samuel J. Rogal, Barbara Tuntland, Marianne Dzik**

The College offers to all residents within its district opportunities to develop and remediate those basic skills essential for the achievement of their success as college students, rank and file employees, and middle and upper level managers. The comprehensive Study Skills Development and Remediation Program functions as more than a place in which to review the conventions of spelling, punctuation, or capitalization; rather, it strives to inculcate into individuals an awareness of the relationships among discipline, thought, and language, and then to apply that awareness to their studies and to their jobs.

SUMMER YOUTH EMPLOYMENT PROGRAM

**Massachusetts Bay Community College
50 Oakland Street
Wellesley Hills, MA 02181
(617) 237-1100
President - Roger Van Winkle
Contact Person - Carol Scott**

The Program provides opportunities for inner city minority students (13 - 15 years of age) to learn skills that will help them in junior high school, high school, and transition to college. The Program includes transportation, meals, employment, recreation, computer literacy, writing skills, and career counselling for up to twenty minority students selected by a community based organization in Boston. MBCC pays students minimum wage for working up to 15 hours a week, plus 85% of minimum wage for all educational experiences undertaken by the students (35 hours weekly). The Program lasts nine weeks each summer and provides the opportunity for students who have participated in the program one summer to help tutor new students the second summer.

TARGETED LEARNING CENTER

**Clackamas Community College
19600 South Molalla Avenue
Oregon City, OR 97045
(503) 657-8400
President - John Keyser
Contact Person - Dian Connett**

The Program is designed to address literacy needs of adults as they participate in the world of work. Students come from businesses and agencies interested in upgrading the basic skills of the county's work force. Interested students participate in an intake process that assesses their current basic skills, determines their educational goals, investigates their employers' objectives, and integrates those factors into an individualized education plan.

TRI-COUNTY ENGLISH ALLIANCE

**Central Carolina Community College
1105 Kelly Drive
Sanford, NC 27330
(919) 775-5401
President - Dr. Marvin R. Joyner
Contact Person - Nancy S. Turner**

The Tri-County English Alliance is an articulation program, planned and coordinated by English instructors in the adjacent counties. Its primary goal is to enhance articulation between twelve area secondary public schools and the College. Workshops have been tailored to reflect individual and collective interests: teaching journalism, using art to teach literature, designing bulletin boards that teach, using drama to introduce literature, preparing students for the State Writing Competency Test, presenting the poetry map to teach critical thinking, and using peer evaluation to teach the revision process.

TWO-YEAR QUALITY ASSURANCE MODEL

**Crowder College
601 Laclede
Neosho, MO 64850
(417) 451-4700
President - Dr. Kent Farnsworth
Contact Person - Dr. Judy Hansen**

Crowder College uses institutionally-developed Minimum Essentials Tests for proper placement, student supplemental instruction in high-risk classes and an Educational Advancement Director who identifies and counsels all at-risk students and consults with faculty for maximum student progress. The program identifies key institution-specific graduate competencies, incorporating those outcomes into the curriculum developing institutional minimums by interpolating identified graduate outcomes, assessing freshman abilities based on those Minimum Essentials, and assuring student progress toward graduation.

UVCC--SCHOOL MENTOR PROGRAM

**Utah Valley Community College
800 West 1200 South
Orem, UT 84058
(801) 224-2979
President - Kerry D. Romesburg
Contact Person - Gary S. Wixom**

The High School Mentor Program is an effort to curb the growing number of high school dropouts. Each school district provides a faculty member to be a full-time mentor/counselor at the College's Center for High School Studies. The Mentor Program assists students to make the transition from a high school setting to a College environment.

VOCATIONAL FOUNDATIONS TRAINING

**Harford Community College
401 Thomas Run Road
Bel Air, MD 21014
(301) 879-8920
President - Alfred C. O'Connell
Contact Person - Dr. James F. Lacalle**

This three-phased Program provides students with a variety of disabilities a unique, individualized program of sequential coursework, support services, and practical work experiences. The Program culminates in a job placement effort aimed at securing for each trainee an entry level position in a human service, food service, or business/clerical occupation. Supplementary services include psychological evaluations and counseling, childcare and transportation support payments, vocational evaluations and some physical and dental rehabilitation services.

WOMEN IN TRANSITION

**Holyoke Community College
303 Homestead Avenue
Holyoke, MA 01040
(413) 538-7000
President - David M. Bartley
Contact Person - Jean Goodwin**

The Women in Transition (day and evening) re-entry program is an approach to meeting the needs of a special student population, adult women. It recognizes that adult women have families, part or full-time jobs, or other responsibilities in addition to their studies, and that there may also be other less tangible obstacles for these women to overcome when returning to the classroom. Course schedules, curriculum, and support services have been developed to meet the needs of students who have not attended college previously or those who attended at the traditional age and later dropped out.

WRITING CENTER

**Johnson County Community College
12345 College At Quivira
Overland Park, KS 66210
(913) 469-8500
President - Dr. Charles Carlsen
Contact Person - Ellen Mohr**

The Writing Center assists college students, staff personnel, and people from the community with their writing skills. Individuals coming to the Center receive instruction designed to meet their needs. Peer and professional tutors guide the students through the process of a writing assignment or provide materials or software which will enhance the skills needed to write proficiently.

WRITING PROGRAM

**Massachusetts Bay Community College
50 Oakland Street
Wellesley Hills, MA 02181
(617) 237-1100
President - Roger Van Winkle
Contact Person - Marjory Stewart**

The Basic Writing Program bridges the gap between the demands of developmental and college level writing. The writing sequences (4 courses) introduce students to the conventions of academic discourse through innovative ethnography-based activities. Writing is regularly assessed by a team of outside readers who provide an authentic, objective audience for students. Word processing and collaborative learning is required of all students and is reinforced through adjunct writing labs. Holistic assessment is used for placement of all students within the writing sequence and is also required at exit points of all classes to assure language competency.

WRITTEN COMMUNICATION

**North Central Technical College
P.O. Box 698
Mansfield, OH 44901
(419) 755-4800
President - Byron Kee
Contact Person - Paul Sukys**

The Program, particularly in the developmental-level and introductory-level courses, uses a competency-based approach. Throughout the quarter all essays are evaluated with a common set of writing standards shared by all instructors. Students are given Pass (P) or No Pass (NP) grades based upon whether or not their essays meet all aspects of the standards. The ultimate goal of the courses is for each student to be able, in a set time period, to write an essay "from scratch" that meets the standards in every way.

ALLIED HEALTH / NURSING

CENTER OF EMPHASIS FOR THE ENRICHMENT OF REHABILITATION TECHNOLOGY EDUCATION

**Shelby State Community College
P.O. Box 40568
Memphis, TN 38174-0568
(901) 528-6800
President - Raymond C. Bowen
Contact Person - Dr. Beulah M. Ashbrook**

This Center was established to develop a mechanism for the enrichment of Rehabilitation Technology Education. The focus is to bring together education and rehabilitation experts to develop computer-assisted instruction and interactive video modules. The computer-assisted instruction modules are used to test the competencies gained by students in three of the rehabilitation disciplines: Orthotics, Prosthetics and Physical Therapist Assistant.

DENTAL HYGIENE

**Del Mar College
Baldwin And Ayers
Corpus Christi, TX 78404
(512) 886-1315
President - Buddy R. Venters
Contact Person - Dr. O. V. Hall**

Working under the supervision of a dentist, students provide teeth cleaning, x-rays, and oral hygiene instruction to patients in a clinical situation. Students have the opportunity to find out first hand what a career as a dental hygienist includes while providing a service to the community.

DENTAL HYGIENE

**Parkland College
2400 West Bradley Avenue
Champaign, IL 61821
(217) 351-2200
President - Paul J. Magelli
Contact Person - Charles G. Baldwin**

The Program prepares students to join the dental health team with central responsibilities which include scaling and polishing teeth, taking radiographs, and applying fluoride and surface sealants to the teeth. The dental hygienist is trained to assume a role as primary oral health educator in clinical and nonclinical settings. The technical skills of the Program are supplemented with course content that emphasizes communication and interpersonal skills.

DENTAL LABORATORY TECHNOLOGY

**Lexington Community College
Room 330 Oswald Building
Cooper Drive
Lexington, KY 40506
(606) 257-6142
President - Dr. Allen G. Edwards
Contact Person - Arthur A. Dameron**

Ties with the University of Kentucky's Dental School has enabled students to work closely with dental students and practicing dentists on actual cases. This working/learning environment is enhanced by the involvement of local dental laboratories through their accepting students on a training internship basis during the student's final semester.

DIETETIC EDUCATION PROGRAM

**Central Arizona College
8740 North Overfield Road
Coolidge, AZ 85228
(602) 426-4220
President - Dr. Kathleen Arns
Contact Person - Elaine Kvitka**

The Dietetic Education Program offers students two programs. A nineteen credit hour Dietary Managers Certificate, approved by the Dietary Managers Association, trains food service supervisors for nursing homes and long term care facilities. The degree program, approved by the American Dietetic Association, prepares dietetic technicians who are employable in hospitals, nursing homes, school food service, public health nutrition clinics, private food and medical industries and other areas where food, health and nutrition are a concern.

EDUCATIONAL INTERPRETER TECHNICIAN

**Northcentral Technical College
1000 Campus Drive
Wausau, WI 54401-1899
(715) 675-3331
President - Dr. Donald L. Hagen
Contact Person - Dr. Ken Mills**

The Program trains people to be interpreters for the hearing-impaired. A two-year associate degree program, it is closely linked with NTC's Hearing Impaired Program which serves the needs of hearing impaired students. Graduates of the program have found jobs with school districts and health care agencies.

GENERAL ARTS AND SCIENCE PRE-NURSING YEAR

**Grant MacEwan Community College
7319 - 29 Avenue
Edmonton, AB T6K 2P1
450-4661**

**President - Dr. Gerald O. Kelly
Contact Person - Mark Lund**

The Blue Quills First Nations College and Grant MacEwan Community College have entered into a partnership to deliver a pre-nursing year at Blue Quills, the primary purpose of which is to facilitate the entry of Natives into the nursing profession. The curriculum consists of first and second-year arts and science courses that are part of approved nursing school curricula, including the BScN Program at the University of Alberta.

INDUSTRIAL PHARMACEUTICAL TECHNOLOGY

**Wake Technical Community College
9101 Fayetteville Road
Raleigh, NC 27603
(919) 772-0551**

**President - Dr. Bruce I. Howell
Contact Person - Cliff Hinton**

This Program trains technicians for the expanding pharmaceutical industry in North Carolina. The emphasis is hands on practical experience in pharmaceutical manufacturing. Positions for graduates include biological laboratory technicians, certification/validation technician, GMP specialists, and chemical laboratory technicians.

INTERMEDIATE EMS

**Seminole Community College
Weldon Boulevard
Sanford, FL 32773
(407) 323-1450**

**President - Dr. Earl Weldon
Contact Person - Jim King**

Day-time and evening classes are scheduled in three or four hour blocks and, since state law requires that employees attend the classes while on duty, topics are repeated five or six times each year. Subjects covered include a review of basic EMS technology skills, topics of current interest, and information regarding new regulations. During a typical month, classes are offered at several locations on Disaster Preparedness, Trauma Designation, Bandaging, Patient Assessment and Stabilization, Basic Fire Fighting Skills Review, AIDS, and any other topic which is state mandated.

LPN/ADN PROGRESSION NURSING

**Owens Technical College
Oregon Road
Toledo, OH 43699
(419) 666-0580
President - Daniel H. Brown
Contact Person - Peggy A. Bensman**

This Program allows the student to complete the Associate Degree in one calendar year in preparation for the registered nurse licensing examination. It meets the need of a unique group of workers in the community namely the LPN's who are being displaced from their jobs as area hospitals phase out LPN positions or upgrade to RN's. The Program is flexible in that it allows for full or part-time enrollment.

LPN MOBILITY TRACK

**Shelby State Community College
737 Union Avenue
Memphis, TN 38174-0568
(901) 528- 6870
President - Dr. Raymond Bowen
Contact Person - Roma Magtoto**

The LPN Mobility Track is a fourteen month program designed to prepare currently licensed LPNs to be eligible to take the NCLEX-RN (Board exams) and if successful, to become RNs. The course work begins in the summer and may be completed during the next summer terms of the following year. The nursing curriculum is equally divided between core course requirements and nursing requirements.

MEDICAL LABORATORY TECHNOLOGY

**Clark County Community College
3200 East Cheyenne
North Las Vegas, NV 89030
(702) 643-6060
President - Dr. Paul Meacham
Contact Person - Dr. Herbert Peebles**

This associate degree program constitutes a 2+2 with the University of Nevada. The College is responsible for all laboratory and clinical courses; the university for all didactic courses. Close coordination is maintained through periodic all-faculty meetings.

MEDICAL LABORATORY TECHNICIAN

**Del Mar College
Baldwin And Ayers
Corpus Christi, TX 78404
(512) 886-1107
President - Buddy R. Venters
Contact Person - Patricia Paris**

This Program leading to an Associate in Applied Science Degree has five semesters of integrated practical and theoretical material. After the first year, the student begins a summer clinical internship at an area hospital. The second year of the program, students continue internships rotating to various facilities. These internships are conducted under the supervision of a Registered Medical Technologist.

MEDICAL LABORATORY TECHNOLOGY

**Lorain County Community College
1005 North Abbe Road
Elyria, OH 44035
(216) 365-4191
President - Dr. Roy A. Church
Contact Person - A. Schloss**

The Program is totally integrated during the seven-quarter curriculum. All Medical Laboratory Technology courses have a lecture component, laboratory component, and a clinical laboratory component. The general objectives of the course take into consideration the mastery of the objectives for each component.

MEDICAL LABORATORY TECHNOLOGY

**New Mexico State University At Alamogordo
P.O. Box 477
2400 North Scenic Drive
Alamogordo, NM 88311-0477
(505) 434-0594
President - Dr. Charles R. Reidlinger
Contact Person - Marcia J. Skaar**

The Program is two-years resulting in an associate degree and qualifies the graduate to take the MLT national registry exam. In addition to the MLT courses, which prepare the students for employment, the core curriculum also prepares them to continue their college education beyond the associate degree. Internships are provided in a wide range of job positions.

MEDICAL RECORD TECHNOLOGY

**Cuyahoga Community College
4250 Richmond Road
Warrensville Twp, OH 44122
(216) 987-2237
President - Dr. Nolen M. Ellison
Contact Person - Cullen S. Johnson**

This Program provides men and women preparation for careers as Accredited Record Technicians. The Program encourages students to acquire the broad base of knowledge necessary to earn an Associate of Applied Science Degree, pass the national examination, find employment, and to become professionals who are competent and confident in their abilities. The importance of continuing education is stressed not only as a means to gain the required education they will need to maintain their credentials, but as an enrichment experience for life.

MOBILE INTENSIVE CARE TECHNICIAN

**Johnson County Community College
12345 College At Quivira
Overland Park, KS 66210-1299
(913) 469-8500
President - Dr. Charles J. Carlsen
Contact Person - Dr. Richard Gist**

This year-long, forty-seven credit-hour Program offers EMTs further training in advanced emergency medical care. It consists of four courses, which include clinical rotation in a hospital setting and a field internship with an ALS ambulance service. Program graduates can choose to complete courses leading to an associate degree.

ASSOCIATE DEGREE NURSING

**Bay De Noc Community College
2001 North Lincoln Road
Escanaba, MI 49829-2511
(906) 786-5802
President - Dr. Dwight Link
Contact Person - Nancy J. Sullivan**

This LPN to ADN Nursing Upgrade Program is based on cooperative efforts of a community college, a university, and a regional medical center to prevent a local nursing shortage. The College coordinates the Program; the hospital finances it and provides classroom and clinical space; the university provides nursing and science labs as well as general education classes. The Program is a three semester upgrade.

NURSING

**Delaware Technical And Community College
400 Stanton-Christian Rd.
Newark, DE 19702
(302) 454-3948
President - Dr. John R. Kotula
Contact Person- Nancy Snyder**

The Program offers an educational opportunity to prepare a graduate to practice as a registered nurse. Over twenty-five percent of the students are licensed practical nurses returning to college to become registered nurses. The nursing curriculum offers some structure while maintaining enough flexibility to meet the needs of students. Traditional lectures are limited.

REGISTERED NURSE EDUCATION

**Del Mar College
Baldwin And Ayers
Corpus Christi, TX 78404
(512) 886-1320
President - Buddy R. Venters
Contact Person - Rosie Garcia**

The Registered Nurse Education Program combines general educational courses with specialized instruction needed to prepare for the career of nursing. Experiences combine classroom instruction and laboratory experiences both on campus and in local hospitals and other health related agencies.

NURSING

**Frederick Community College
7832 Opossumtown Pike
Frederick, MD 21701
(301) 694-5240
President - Dr. Lee J. Betts
Contact Person - Mary T. Ford**

The curriculum is broken into Medical-Surgical Nursing, Obstetrics, Pediatrics, etc. as they are divided in the hospital. Threads of integration are present in each area. The student goes from the simple to the complex with threads of patient needs, the nursing process, nutrition, and pharmacology in each course.

NURSING

**Lakeland Community College
Mentor, OH 44060
(216) 953-7172
President - Ralph Doty
Contact Person - Judith Greig**

The Program's "minipracticum" eases the transition of the student to staff nurse, and the learning laboratory is equipped with video-instructional material and equipment for simulation of clinical care procedures. A computer program has been developed to objectively grade nursing process case studies and provide individualized feedback to the student. An elective course, "Computers in Nursing", has also been developed to assure acquainting nursing students with the use of computers in the complex health delivery systems.

NURSING

**Macon College
College Station Drive
Macon, GA 31297
(912) 471-2700
President - Dr. S. Aaron Hyatt
Contact Person - Dr. Robert T. Trammell**

Characteristics of the Program include an LPN mobility curriculum, a satellite program thirty miles away in Milledgeville, Georgia, a task force of local hospital administrators, student grants from local hospitals, and recruitment efforts aimed at non-traditional students. The LPN Mobility Program allows licensed practical nurses to validate the first two nursing courses at the College and then complete the remaining nursing courses in one year. A course, "So you want to be a Nurse," is used to recruit students.

NURSING PROGRAM, ACCELERATED OPTION

**Miami-Dade Community College
950 N.W. 20th Street
Miami, FL 33127
(305) 347-4097
President - Dr. Robert McCabe
Contact Person - Dr. Susan Kah**

The Program is designed to allow those with baccalaureate and higher degrees to complete registered nurse education in one calendar year. The hours of instruction in nursing have not been decreased, but are scheduled in a more concentrated manner over a shorter period of time. All criteria-referenced, performance-based clinical evaluation is limited to specific times when one-to-one faculty-student observation is possible.

TRANSITIONAL NURSING

**Miami-Dade Community College
950 NW 20 Street
Miami, FL 33127
(305) 347-4101
President - Dr. Robert McCabe
Contact Persons - Sylvia Edge, Frances Aronovitz**

The Program prepares graduates to sit for the National Council Licensure Examination for Registered Nurse practice. It enables Licensed Practical or Vocational Nurses and select other allied health individuals to complete the five semester nursing program in three semesters. After identifying the competencies held by practical nurses, the faculty removed that content from the existing RN curriculum and configured the remaining into the three semester program.

NURSING

**Midlands Technical College
P.O. Box 2408
Columbia, SC 29202
(803) 822-8080
President - Dr. James L. Hudgins, Jr.
Contact Person - Dr. Madelon Henderson**

The Program has a unique articulation plan for practical nursing students to exempt by exam and skills checkoffs. Introduction to computer applications, hands-on experience and beginning computer literacy, and computer simulated programs are integrated into all nursing courses. Emphasis is on independent and critical thinking.

NURSING

**Oakland Community College
2480 Opdyke Road
Bloomfield Hills, MI 48303-0812
(313) 540-1500
President - Dr. R. Stephen Nicholson
Contact Person - Dr. Nadia E. Boulos**

The Program is competency based, combining general education in the humanities and the biological and social sciences with special education in the theory and practice of nursing. The curriculum uses a nursing model with an emphasis on problem solving methodology. Critical thinking and independent judgement are stressed throughout.

NURSING

**Palomar College
1140 West Mission Road
San Marcos, CA 92069
(619) 744-1150
President - Dr. George R. Boggs
Contact Person - Irene Stillier**

The curriculum includes methodology for effecting critical thinking and writing activities. Continual evaluation is used for teaching strategies, course content, textbooks, resource materials and clinical facilities.

NURSING

**Southwest Missouri State University
128 Garfield Avenue
West Plains, MO 65775
(417) 256-1118
President - Dr. Marshall Gordon
Contact Person - Dr. Richard D. Brauhn**

Students to receive a mix of patient diagnosis have their clinical experience in the large Springfield hospitals. To consolidate clinical learning and enhance decision-making skills, a rural hospital supervisory preceptorship is provided. Here the student accompanies the R.N. supervisor from department to department assisting in patient care decisions.

NURSING

**Stanly Community College
Route 4, Box 55
Albemarle, NC 28001
(704) 982-0121
President - Dr. Charles Byrd
Contact Person - Dr. Kay J. Smith**

The seven quarter Program qualifies the graduate to write the National Council Licensure Examination for registered nurses which is given by the North Carolina Board of Nurses. It includes one quarter of fundamentals, four quarters of theory and clinical in medical-surgical nursing of adults and children, one quarter of theory and clinical in maternal-newborn nursing, and one quarter of theory and clinical in mental health nursing. The Program has a curriculum alternative whereby a student wishing to become a licensed practical nurse may take the practical nurse curriculum alternative in the fourth quarter and then graduate.

NURSING REFRESHER

**Grant Macewan Community College
7319 - 29 Avenue
Edmonton, AB T6K 2P1
462-5634
President - Dr. Gerald O. Kelly
Contact Person - Gerri Nakonechny**

The Program is designed to meet the needs of previously registered nurses who have been away from practice for a minimum of five years. It is designed to re-orient them in both theoretical knowledge and clinical skills.

OCCUPATIONAL THERAPY ASSISTANT

**Palm Beach Community College
4200 Congress Avenue
Lake Worth, FL 33461
(407) 439-8078
President - Edward M. Elssey
Contact Person - Patricia A. Dyer**

The Program consists of a combination of general education courses such as English, Psychology, and Social Science, medically related courses such as Anatomy and Human Disease and Occupational Therapy courses. The students begin making contact with the community and various patient groups in the first semester through field work segments of their courses, and that patient contact increases each semester until the fourth semester when the students are assigned to a full time internship under the supervision of an OTR.

OPTICIANRY

**J. Sargeant Reynolds Community College
P.O. Box C-32040
Richmond, VA 23261-2040
(804) 786-5298
President - Dr. S.A. Burnette
Contact Person - Edward L. Degennaro**

The Program is a two-year curriculum that is designed to prepare individuals in the art and science of all phases of the making and fitting of eyeglasses and contact lenses, i.e. surfacing, finishing, eyeglass dispensing, and contact lens dispensing. It deals with the designing, making and fitting of eyeglasses, contact lenses and other ophthalmic devices to aid in providing comfortable and efficient vision.

ORTHOTIC AND PROSTHETIC

**Northeast Metro Technical Institute
3300 Century Avenue
White Bear Lake, MN 55110
(612) 779-5787
President - E. Dale Birkeland
Contact Person - William Warner**

The Programs blend two levels of training, technical and professional in two disciplines that provide combined career development as health care providers. These program options allow for a greater opportunity for students to become recognized as registered technicians in Orthotics and Prosthetics or both. The professional training results in qualifications for American Board for Certification as an Orthotist or Prosthetist or both.

PHYSICIAN ASSISTANT

**Cuyahoga Community College
700 Carnegie Avenue
Cleveland, OH 44115
(216) 987-4794
President - Dr. Nolen M. Ellison
Contact Person - Dr. Mary Lou Conlin**

The Program, offered since 1971, has graduated 288 students adding to the health manpower resources of Cleveland and Ohio, indeed the United States. Over 91 percent of the Program's graduates are employed or are continuing education as full-time students. The goal is to select, educate, train and assist in placing physician assistants who will provide quality health care.

PHYSICIAN ASSISTANT

**Essex Community College
7201 Rossville Boulevard
Baltimore, MD 21237
(301) 522-1628
President - Dr. John E Ravekes
Contact Person - Dr. Andrew Snope**

The overall objective of the educational program for the assistant to the Primary Care Physician is to train a person who may function as a clinician in a variety of settings which include: Family Practice, Internal Medicine, Pediatrics, Emergency Medicine, Geriatrics, Surgery, Occupational Medicine, Mental Health, and Obstetrics and Gynecology. The graduate is required to practice under the supervision of a physician, while meeting the specific needs of the employer and the community served.

PRE-PHARMACY

**Southeastern Community College
P.O. Box 151
Whiteville, NC 28472
(919) 642-7141
President - Dr. Steve Scott
Contact Person - Bob King**

The College offers the first two years of pre-pharmacy with transfer arrangements to the area four year colleges. Courses are designed specifically for transfer students.

RADIOGRAPHY

**Southwest Virginia Community College
P.O. Box Svcc
Richlands, VA 24641
(703) 964-2555
President - Dr. Charles R. King
Contact Person - Ron Proffitt**

The Program is a cooperative arrangement between the College and the Virginia Highlands Community. The Program has contracts with four community hospitals, one private hospital, and one regional medical center for students to receive clinical internships. During the two years students spend an average of 1640 hours completing clinical rotations. Students are prepared in the use of computers and use of computer information systems in the radiography department.

RADIOLOGIC TECHNOLOGY

**Carteret Community College
3505 Arendell Street
Morehead City, NC 28557
(919) 247-6000
President - Dr. Donald W. Bryant
Contact Person - Larry Miller**

The Program provides didactic instruction on the campus and clinical instruction up to one hundred and fifty miles away. Clinical instruction is competency-based. Computer based - instructional materials are used for curriculum and continuing education.

RADIOLOGIC TECHNOLOGY

**Puerto Rico Junior College
21373 Rio Piedras
Puerto Rico 00928
(809) 758-7171
President - Jose F. Mendez
Contact Person - Dr. Nestor Cardona**

The Program, completed in two and a half years, includes concentration courses, core courses, and liberal arts courses. Concentration courses comprise forty of the eighty-four credits. Certificates are also offered in Ultrasound Diagnostics, Computerized Tomography, and Radiotherapy.

RADIOLOGIC TECHNOLOGY

**Wake Technical Community College
9101 Fayetteville Road
Raleigh, NC 27603
(919) 772-0551
President - Dr. Bruce I. Howell
Contact Person - Mona L. Webb**

This Program is designed to prepare competent entry level practitioners in medical radiography. During the first quarter of the Program, learning activities occur in the classroom and laboratory settings. Beginning in the second quarter, clinical education whereby the students participate in patient care in actual radiologic settings is added. Classroom, laboratory, and clinical education occur simultaneously and are closely integrated as the students progress through the Program.

RESIDENTIAL AIDE

**Grant Macewan Community College
8020-118 Avenue
Edmonton, AB T5b 0r8
477-0222
President - Dr. Gerald O. Kelly
Contact Person - Wendy Mclachlin**

The Residential Aide In-Service Project was designed to meet the needs of the Residential Aide Placement Service to secure training for aides being placed with physically disabled employers. Given the increased trend towards independent living for the physically disabled, the demand for attendant care personnel trained specifically for a residential setting was increasing. Training is provided only to those who have already elected employment as an aide; the training is specific to the role of the residential aide (rather than the institutional aide) and to the needs of individual employers.

RESPIRATORY CARE

**Palm Beach Community College
4200 Congress Avenue
Lake Worth, FL 33461
(407) 439-8078
President - Edward M. Elsey
Contact Person - Patricia A. Dyer**

The Program consists of two levels of training. Students may choose the one-year program which results in certification as a Respiratory Care Technician, or the advanced two-year program and receive an Associate of Science Degree in Respiratory Care.

RESPIRATORY THERAPY TECHNOLOGY

**Cuyahoga Community College
4250 Richmond Road
Warrensville Twp., OH 44122
(216) 987-2237
President - Dr. Nolen M. Ellison
Contact Person - Cullen S. Johnson**

The Program includes a specialty rotation on home care for all students during their final quarter. Primary affiliations are maintained with six area hospitals. Students rotate through four major categories of hospitals.

RESPIRATORY THERAPY

**Tyler Junior College
P.O. Box 9020
Tyler, TX 75701
(214) 531-2221
President - Dr. Raymond Hawkins
Contact Person - Alan Rasco**

This Program meets the local and out-of-district need for respiratory therapy personnel. Satellite programs are part of the offerings. The Program has served as a model for new programs at other state colleges.

UNIT TREATMENT AND REHABILITATION SPECIALIST

**Tallahassee Community College
444 Appleyard Drive
Tallahassee, FL 32304-2895
(904) 488-9200
President - James H. Hinson, Jr.
Contact Person - Dorothy Blinger**

The Program is a twelve semester hour certificate with an additional six semester hours for designated supervisory personnel. Credits are applicable toward an associate degree. The program is geared toward employees of state mental hospitals. A supervised practicum is included.

VETERINARY SCIENCE

**State University Of New York, College Of Technology
Delhi, NY 13753
(607) 746-4164
President - Seldon Kruger
Contact Person - W. R. Gehring**

The Curriculum's purpose is to train students to become veterinary technicians as well as with broader skills as educated members of society. Hands-on skills are provided for work in private practices or at institutions using lab animals. Students have the opportunity to work on the College's farm

VOCATIONAL NURSE EDUCATION

**Del Mar College
Baldwin And Ayers
Corpus Christi, TX 78404
(512) 886-1734
President - Buddy R. Venters
Contact Person - Dr. Lois Butts**

The Vocational Nurse curriculum is designed to offer students the theory and skills necessary to work as recognized members of the health-care team under the supervision of a Registered Nurse or physician. The education offered is based on scientific principles and structured to provide the foundation of skills upon which the graduate may build the future.

ARTICULATION

ACCESS/SUCCESS

**Raymond Walters College
9555 Plainfield Road
Cincinnati, OH 45236
(513) 745-5681
President - Ernest G. Muntz
Contact Person - Harriette Flory**

The Access/Success Program developed with four area high schools, has two primary components: 1) 2 + 2 program articulation agreements between five associate degree programs at RWC and related programs at the high schools and (2) counseling the "neglected majority" at these high schools. The Program has helped meet a challenge of motivating more high school students to complete their secondary education and acquire necessary technical knowledge and marketable skills.

ARTICULATION AGREEMENT

**Kellogg Community College
450 North Avenue
Battle Creek, MI 49016
(616) 965-3931
President - Dr. Paul Ohm
Contact Person - Dr. Alice Marie Murnaw**

The College and Nazareth College, a private four-year, independent Catholic institution, have entered into an articulation agreement which provides that specialized, occupational Associate Degrees in Accounting, Computer Information Systems, and Business Management are accepted without loss of credit. The occupational Associate Degree is followed by Nazareth coursework with a liberal arts and sciences emphasis leading to Bachelor's Degrees in Management, Accounting, or Computer Information Management. All coursework is offered by Nazareth on the Kellogg Community College campus in an evening-weekend format.

COLLEGE NOW PROGRAM

**Johnson County Community College
12345 College At Quivira
Overland Park, KS 66210
(913) 469-8500
President - Dr. Charles J. Carlsen
Contact Person - Dr. James M. Williams**

College Now is a dual enrollment Program in which high school students enrolled in honors or Advanced Placement (AP) classes in the twelve participating schools may also earn college credit. Courses that reflect the College's content, objectives, and assignments are taught on the high school campus by qualified high school teachers. The responsibility of the high school is to uphold college standards. In turn, JCCC provides the high schools with textbooks and instructional materials.

COLLEGE NOW

**Mohawk Valley Community College
1101 Sherman Drive
Utica, NY 13501-5394
(315) 792-5301
President - Dr. Michael I. Schafer
Contact Person - Dr. Thomas H. Brown**

Mohawk Valley Community College has joined with several local high schools to provide pre-college courses. Joined together on College Now are parents, students, high school and college teachers in this project. All courses are taught on the college campus as an introduction to college life. Besides the obvious course content, each course has the added supplement of enhancing student self-esteem and encouraging future college attendance. Courses are further supplemented by an orientation to college seminar, and discussions on career and employment possibilities.

DUAL CREDIT

**St. Petersburg Junior College
P. O. Box 13489
St. Petersburg, FL 33733
(813) 341-3261
President - Dr. Carl Kuttler
Contact Person - Lynda Lloyd**

The Dual Credit Program enables high school students to begin their college education while still in school. The College waives the application fee and tuition fee, and provides textbooks free of charge. The students can earn college credit during their regular high school day without leaving their high school. A list of appropriate freshmen -level courses is provided.

DUAL-CREDIT EARLY ADMISSION PROGRAM FOR AREA HIGH SCHOOLS

**Western Nevada Community College
Carson City, NV 89303
(702) 887-3038
President - Dr. Anthony Calabro
Contact Person - Dr. John Garmon**

The Dual-Credit Early Admission Program for Area High Schools is based on the Syracuse University model which allows superior, advanced-placement students in pre-selected courses in the senior year of high school to enroll concurrently for both college credit and high school credit. High school teachers of the advanced placement courses are also adjunct faculty for Western Nevada Community College. The College's course outlines are used to insure that all required subject matter is covered, with emphasis on the same depth and breadth of intellectual challenge which is required of on-campus college students.

MINORITY ADVANCED PLACEMENT

**Penn State-Ogontz Campus
Ablington, PA 19001
(215) 886-9400
President - Dr. Robert A. Bernoff
Contact Person - Dr. Patricia Rizzolo**

The competitive Minority Advanced Placement Program (MAPP) offers academically-talented minority students an opportunity to experience the educational challenge of college life during the summer following their completion of the eleventh grade of high school. MAPP students attend both a Family and a Student Orientation to preview and prepare for the MAPP experience at Ogontz. Then for six weeks, MAPP students take a three-credit college course with current college students, participate in a four-week SAT Prep tutorial, and attend workshops on Selecting a College, Financial Aid, and Admissions Policies, etc.

PREPARING FOR COLLEGE

**William Rainey Harper College
1200 W. Algonquin Road
Palatine, IL 60067
(312) 397-3000
President - Paul H. Thompson
Contact Person - Tom L. Thompson**

Preparing for College is a short term non-credit course designed to assist disabled students in making the transition from high school to college. It is offered as a part of a comprehensive orientation program for disabled students which includes assessment, academic advising and registration assistance. The Disabled Student Services Department conducts articulation visits to each high school in the district every Spring to help acquaint the special education staff and the students with the opportunities and support services which are available at the College.

2 + 3 WITH GENERAL MOTORS INSTITUTE

**Kellogg Community College
450 North Avenue
Battle Creek, MI 49016
(616) 965-3931
President - Dr. Paul Ohm
Contact Person - G. Edward Harling**

Through this agreement, students can earn their first two years of an engineering degree at the College then transfer to GMI to complete their baccalaureate engineering degree while earning \$10,000-15,000 a year in a co-op placement with a corporation. This experience is invaluable in obtaining a job and financing the student's education.

ARTS / HUMANITIES / SOCIAL SCIENCE

AMERICAN SIGN LANGUAGE CURRICULUM PROJECT

**Vista College
2020 Milvia Street
Berkeley, CA 94704
(415) 841-8431
President - Santiago Wood
Contact Person - Cheri Smith**

The Curriculum contributes to preserving the language, establishing standardized evaluation and certification of ASL instruction, increasing public awareness of deaf culture, upgrading ASL instruction as a profession, and helping create common articulation standards for ASL between two and four-year colleges. The 175 American colleges and universities which offer ASL classes will replicate the curriculum which consists of four levels, each with 100 classroom hours of written and video instruction.

AMERICAN STUDIES

**John Tyler Community College
Chester, VA 23831
(804) 798-4059
President - Dr. Freddie W. Nicholas, Sr.
Contact Person - L Ray Drinkwater**

The College and the Norwegian School of Trade Management in Rykkin, Norway, have an exchange program designed to complement the educational objectives of both institutions. Students from the Norwegian School of Trade Management enroll in the American Studies Program at John Tyler Community College. This Program of 16 semester hours is designed to provide international students with an overview of American culture: its art, history, literature, politics, educational systems, and business practices. Students from John Tyler Community College study in special programs at the Norwegian School of Trade Management.

AMERICAN STUDIES

**Lee College
511 South Whiting Street
Baytown, TX 77520
(713) 425-6444
President - Vivian B. Blevins
Contact Person - John McCormick**

American Studies is an interdisciplinary approach to teaching American History, American Literature and Introduction to the Humanities for which students receive nine semester hours of credit per semester. The course has been designed to survey the American experience as it has been dreamed and lived. Using the seminar approach, the class is team taught by one member of the History faculty and a member of the English faculty.

'ANNE FRANK' EXHIBITION OF HOLOCAUST/GENOCIDE PROJECT

**Monroe Community College
1000 East Henrietta Road
Rochester, NY 14623
(716) 424-5200
President - Dr. Peter A Spina
Contact Person - David H. Day**

"Anne Frank in the World: 1929-1945", a traveling pictorial exhibition, was part of the College's Holocaust-Genocide Studies Project. The Project aims to imbed the topic of the Holocaust and genocide throughout the curriculum through a series of faculty-designed course modules in eight academic disciplines.

ANTHROPOLOGY

**Lincoln Land Community College
Shepherd Road
Springfield, IL 62794-9256
(217) 786-2318
President - Dr. William Law, Jr.
Contact Person - John Scarbrough**

The Anthropology Program has three core courses, Introduction to Anthropology, Principles and Interpretations of Archaeology and Primitive People's of the World: A Cross Cultural Comparison, each of which is taught by a master teacher and field archaeologist, Harold Clements. These courses weave three of the main sections of archaeology (physical, cultural, archaeological) into a meaningful whole. Numerous observational and artifact finding field trips are part of the program.

ARTS MENTOR

**Santa Monica College
1900 Pico Boulevard
Santa Monica, CA 90405
(213) 450-5150
President - Dr. Richard Moore
Contact Person - Rocky Young**

The Program is unique in that a small group of exceptionally gifted students works under the individual tutelage of instructors or established professionals to develop their talents and reach their goals. The Program operates in nine fields--art, architecture, dance, interior design, graphic design, fashion design, music, theater arts and photography. Aside from developing long-term, one-on-one relationships with SMC faculty or prominent members of the Southern California arts community, students are given unlimited access to on-campus artist studios and other facilities.

THE AUTHORS EXCHANGE

**Palm Beach Community College
4200 Congress Avenue
Lake Worth, FL 33461
(305) 439-8078
President - Edward M. Elsey
Contact Person - Patricia A. Dyer**

A joint project of the PBCC North Library Advisory Committee (Friends of the Library) and the library staff annually brings together twenty or more local published writers to promote books and information sharing in the College and community. Authors representing such diverse literary types as science fiction, biography, sports writing and the novel are present to mix and mingle with students, faculty, staff and other writers. While one of the purposes of the Exchange is to extend the role of the library outside the academic walls, it has many benefits for the instructional program.

BIBLIOGRAPHIC INSTRUCTION

**Tompkins Cortland Community College
170 North Street
Dryden, NY 13053
(607) 844-8211
President - Dr. Edvarado Marti
Contact Person - Dr. Daniel Pukstas**

The library staff has developed a program of bibliographic instruction presented as part of the College's English Composition class. The instructors of the English classes discuss research in general and have the students begin thinking of topics. The library staff then comes to English classes and provides a practical introduction to library research through transparencies, question/answer, and lecture.

BUSINESS OF ART

**East Central College
P.O. Box 529
Union, MO 63084
(314) 583-5193
President - Dr. Charles R. Novak
Contact Person - Larry Pogue**

The Business of Art class is a one hour required class for all art majors. Alumni who are active in the art field are invited to return to the ECC campus to share a retrospective story of how they arrived at their current status. Some bring slides, others portfolios of their current work. Hearing their presentations also helps the instructors keep tabs on the current trends in commercial art and provides new ideas for classroom assignments.

CONTINUING EDUCATION THEATRE

**Community College Of Allegheny County
1750 Clairton Road
West Mifflin, PA 15122
(412) 469-6219
President - Dr. John W. Kraft
Contact Persons - George J. Jaber, Diane Gnipp**

The Continuing Education Theatre Program offers a series of twelve classes which focus on the community theatre student. A broad range of classes is provided for people of various ages with various goals and abilities. Each semester at least six classes are offered on different days and at different times for the convenience of participants.

CRITICAL LANGUAGES

**Dekalb College
2101 Womack Road
Dunwoody, GA 30338
(404) 551-3167
President - Dr. Marvin Cole
Contact Persons - Dr. Martha Nesbitt, Carol Yaeger**

NASILP provides an alternative method of instruction for language instruction for small groups of students and for more "exotic" languages. The courses offered consist of text and tape programs linked with drill sessions with native speakers. Japanese, Chinese, and Arabic are among the languages scheduled on a continuing basis.

FIELD PLACEMENT OPTION FOR INTRODUCTORY PSYCHOLOGY STUDENTS

**Harford Community College
401 Thomas Run Road
Bel Air, MD 21014
(301) 879-8920
President - Dr. Alfred C. O'Connell
Contact Person - Joan B. Kolobelski**

For the past twelve years more than 1400 students have participated in Harford Community College's field placement option for students enrolled in introductory psychology classes. Students have the opportunity to work as supervised interns at a variety of agencies which serve special needs populations during the semester that they are in the class. No prior experience is necessary to participate and no special screening process is used. Students in most classes may choose this option in lieu of the traditional term paper or book report as a part of the course requirement.

FULBRIGHT LECTURE SERIES

**Austin Community College
1600 Eighth Avenue N.W.
Austin, MN 55912
(507) 433-0532
President - James D. Flannery
Contact Persons - Suzanne L. Bross**

The College offers international education through the Fulbright Lecture Series Program. This Program is a series of ten lectures presented by visiting foreign Fulbright Scholars lecturing or conducting research in American universities.

GOVERNMENT INTERNSHIP, POLITICAL SCIENCE 299

**Western Nevada Community College
Carson City, NV 89703
(702) 887-3038
President - Dr. Anthony Calabro
Contact Person - Dr. Faun Dixon**

The Government Internship Program provides students with work experience in a government office. The course links theoretical knowledge and the needs and expectations of those requiring service from government through students gaining an understanding of what is expected of an employee in either the public or private sector.

HISTORY

**Johnson County Community College
12345 College At Quivira
Overland Park, KS 66210
(913) 469-8500
President - Charles Carlsen
Contact Person - Doreen Maronde**

The History Program, staffed by six fulltime and thirteen adjunct faculty, is an academic discipline which serves the comprehensive mission of the community college. Through its varied programs, the faculty have found ways to serve the academic and avocational needs of many learners as well as the businesses and public institutions in the community. The academic curriculum includes courses that are solidly traditional and broadly international in scope.

HUMANITIES DIVISION COURSE

**Tacoma Community College
5900 South 12th St
Tacoma, WA 98465
(206) 566-5065
President - Dr. Carl Opgaard
Contact Person - Dr. Gael Tower**

The Humanities Course is a one-quarter, or one term course organized according to disciplines (literature, architecture, the visual arts, music--for example, rather than specific periods of time, or places). The Course involves students with a full spectrum of humanities disciplines in a variety of ways. Students receive information about the disciplines, write essays, perform research, and experience examples of the various disciplines.

HUMANITIES DIVISION CURRICULUM

**Tacoma Community College
5900 South 12th St
Tacoma, WA 98465
(206) 566-5065
President - Dr. Carl Opgaard
Contact Person - Dr. Gael Tower**

The Program is based on collaborative efforts between the faculty within the division, the campus wide college community, and the senior administration of the College. Collaboration also has taken place between the College, The University of Washington and The Evergreen State College. The Humanities Program in general, and specifically the co-ordinated studies/learning community courses provide a core of common learning.

HUMAN SERVICES

**Florence-Darlington Technical College
P.O. Drawer F-8000
Florence, SC 29501
(803) 662-8151
President - Dr. Michael B. McCall
Contact Person - Sandra Griffin**

The Program is a two-year, seven-quarter, competency-based degree program which prepares students for careers in both public and private care agencies. The Program attracts primarily older, single-parent minorities who are first-generation college students. Students are required to complete four field placements of one quarter length each, for a total of 484 hours.

HUMAN SERVICES

**St. Petersburg Junlor College
6605 5th Avenue N.
St. Petersburg, FL 33710
(813) 341-4713
President - Dr. Carl Kuttler
Contact Person - Myron M. Miller**

The Program has a substance abuse track designed to respond to the need to do two things quickly: prepare additional counseling professionals and upgrade those already working with addiction problems. The A.S. was designed by the professionals in the County with faculty with an eye to guiding students through the eight areas on which the State examination for Certification as an Addiction Professional tests candidates. Subject matter needed for pioneer edge training is broken into one credit "Mini-Modules."

HUMAN SERVICES

**Walla Walla Community College
500 Tausick Way
Walla Walla, WA 99362
(509) 527-4289
President - Dr. Steven Vanausdie
Contact Person - Dr. Joe Rich**

This Program provides community placements for students in sociology classes primarily but also an introduction to education class and preschool education classes. The introduction to sociology class has as one of its components a 30 hour requirement of a placement in the community. There is also a Human Services Field Experience, a supervised experience for those students who have taken either sociology or psychology classes.

HUMAN/SOCIAL SERVICE TECHNOLOGY

**University Of Cincinnati Clermont College
725 College Drive
Batavia, OH 45103
(513) 732-5200
President - Roger J. Barry
Contact Person - Dr. Laurie Renz**

The Human/Social Services Technology Program is a two year technical program leading to an Associate of Science Degree. It prepares students to enter the job market with both the theoretical background and the necessary skills to be an effective human service worker. The emphasis in the Program is on experience in the field, so classroom skill acquisition is supplemented with extensive skill application in the field.

INTERDISCIPLINARY SERIES

**Spartanburg Methodist College
Textile Road
Spartanburg, SC 29301
(803) 587-4000
President - Dr. George Fields
Contact Person - Ann Wenz**

The Interdisciplinary Series provides an interdisciplinary approach to learning through programs of music, art, dance, drama, lectures, and forums featuring local, regional, and national personalities. The Series is required of all full-time students for three semesters with one semester hour credit each semester. Among the objectives is to provide students with cultural enrichment experiences.

INTERDISCIPLINARY WESTERN CIVILIZATION AND WORLD LITERATURE

**Northeastern Christian Junior College
1860 Montgomery Avenue
Villanova, PA 19085
(215) 525-6780
President - John R. Hall
Contact Person - David L. Keller**

This six credit-hour interdisciplinary course integrates the philosophy, literature, and history of Europe from the Renaissance to the French Revolution. Students read and discuss literary and philosophic works and historical documents and study social, political, and economic developments related to the expansion of freedom during early modern Europe. The grouping of readings around certain issues, placed within their historical context, allows students to develop more complex understandings of the issues raised in classic texts.

INTERPRETER TRAINING

**Charles Stewart Mott Community College
1401 East Court Street
Flint, MI 48502-2383
(313) 762-0200
President - David Moore
Contact Person - Lindalee Massoud**

The Program was established in response to the increasing need for sign language interpreters. Over the years, the foci of the program have divided into two components: American Sign Language (ASL) instruction and sign language interpreter training. Students and teachers both provide and receive assessment on a regular basis: teachers assess students, students assess students, and the students also assess the teachers as a means of working toward this common goal of "learning."

INTERPRETER TRAINING

**Front Range Community College
3645 West 112th Avenue
Westminster, CO 80030
(303) 466-8811
President - Cary A. Israel
Contact Person - Ann Topliff**

The Interpreter Training Program trains individuals with normal hearing to become sign language and oral interpreters for hearing impaired individuals. Graduates of this two year Associate of Applied Science Program are able to work as communication facilitators between deaf and hearing consumers in situations such as employment, medical, legal, education and recreation. Students receive instruction in American Sign Language and learn to provide simultaneous translation from English to American Sign Language and vice versa.

INTERPRETER TRAINING

**Grant Macewan Community College
8020-118 Avenue
Edmonton, AB T5B 0R8
477-0211
President - Dr. Gerald O. Kelly
Contact Person - Marty Taylor**

The Program has the objective of providing basic, practical knowledge and skills required for entry-level into the profession. The majority of instructional time is devoted to skill development in the core areas of Sign to voice and Voice to Sign interpreting processes. Language development in English and American Sign Language is also stressed.

LIBERAL INTERDISCIPLINARY FOUNDATIONS FOR TRANSFER

**Burlington County College
Pemberton, N.J. 08068
(609) 894-9311
President - Dr. Robert C. Messina
Contact Person - Dr. Fran Conroy**

Liberal Interdisciplinary Foundations for Transfer gives students who might not ordinarily get the chance that special educational year in which one encounters, head-on, the really great minds of world civilization. In ten inter-related courses over two semesters, students learn to read, discuss and write about the Hebrews, Greeks and Confucians; Shakespeare, Voltaire, and Emily Dickinson; Marx, Darwin and DuBois, and more. This is a Great Books program, but one that edges beyond the confines of Western, white-male civilization.

MENTAL HEALTH SOCIAL WORK

**Oakland Community College
2900 Featherstone Road
Auburn Hills, MI 48057
(313) 853-4200
President - Christine Gram
Contact Person - Mel Chudnof**

The curriculum is designed to facilitate college transfer as well as provide training for associate level careers. Because of skills classes and 460 hours of field training, students qualify for Social Work Technician certification from the state, and because of the large number of liberal arts and social science components, over eight different universities accept the program in 2+2 arrangements. Low cost work shops and non-credit courses that draw on the resources of the Program are offered to professionals and general citizenry.

MUSIC

**Del Mar College
Baldwin And Ayers
Corpus Christi, TX 78404
(512) 888-1211
President - Buddy R. Venters
Contact Person - Dr. William Bunch**

Associate in Arts Degrees are offered in the Program with specializations in music education, applied music, music literature, theory and composition. These programs of study meet all of the lower divisions requirements of the National Association of Schools of Music and the transfer curricula of the state of Texas. Non-music majors are also invited to elect courses in music and may participate in music ensembles. Instruction in applied music is also provided for students who are not music majors

MUSIC DEPARTMENT

**Cabrillo College
6500 Soquel Drive
Aptos, CA 95003
(408) 479-6482
President - Dr. Robert F. Agrella
Contact Person - Claire Blancalana**

The Music Department offers a comprehensive curriculum in both transfer and vocational programs. Seventy sections of music are offered each semester, and there are thirteen separate performing ensembles featuring both choral and instrumental groups. The Music Program provides comprehensive balance and breadth in meeting the needs of the community.

THE MUSIC PROGRAM

**College Of Dupage
22nd Street And Lambert Road
Glen Ellyn, IL 60137
(312) 858-2800
President - Harold Mcaninch
Contact Person - Jack Welseman**

The Program provides students with a wide variety of academic and participatory opportunities. It is designed for students intending to major in music at a four-year school, for students who wish to enrich their general education with music electives, and for community members and students who want to participate in performance groups. These classes can lead toward careers in a variety of music-related fields.

NORTHSTAGE

**Palm Beach Community College
4200 Congress Avenue
Lake Worth, FL 33461
(407) 439-8078
President - Edward M. Elssey
Contact Person - Patricia A. Dyer**

Northstage, the College's theatre group, conducts joint projects with the local community theatre, Spotlight Players. The productions prove how effectively the community and the College can work together. A recent production was "The Crucible" with over half the cast College faculty and students.

PARTNERSHIP INSTITUTE IN THE HUMANITIES

**Pima Community College
P.O. Box 5027
Tucson, AZ 85703-0027
(502) 884-6933
President - Diego A. Navarrette, Jr.
Contact Person - Dr. Kathleen S. White**

The Partnership Institute between Pima and the University of Arizona has four purposes: (1) to design a nine unit humanities survey series which would fulfill new general education requirements at both institutions, (2) to develop a new, non-traditional course which would focus on primary works by Hispanics, African Americans, American Indians, Asian Americans, and women, (3) to arrange for teacher exchanges between the two institutions, and (4) to set up a permanent articulation body made up of administration and faculty from both institutions. Long term goals for the Partnership Institute include continuing to use the model process of course design collaboration which was developed over the summer of 1988.

PERFORMING ARTISTS' MUSICAL THEATRE CONSERVATORY

**Mountain View College
4849 West Illinois
Dallas, TX 75211
(214) 333-8632
President - Dr. Bill Jordan
Contact Person - Rod Wilson**

The Program is a two-year training program which combines the teaching of acting, dance, voice, and on-camera techniques into one comprehensive program. The PAMTC develops performers who are marketable in many performance areas, as well as being knowledgeable in the business aspects of the performance profession. The curriculum consists of acting, business of theatre, piano class, private voice lessons weekly, and voice and articulation.

PHOTOGRAPHY

**Odessa College
201 West University
Odessa, TX 79764
(915) 335-6413
President - Dr. Phillip T. Speegle
Contact Person - Dr. Bernhard T.W. Sedate**

The Photography Program includes close connections between the College and local professional and business communities. As an example an ophthalmic photography course has been offered in cooperation with a local ophthalmic clinic. Students also volunteer to assist service organizations including the Salvation Army for their local publication

PSYCHOLOGY

**Collin County Community College
2800 East Spring Creek Parkway
Plano, TX 75074
(214) 881-5801
President - Dr. John Anthony
Contact Person - Martha Ewing**

The Psychology Department is committed to implementing research findings stating that student involvement is the most important aspect to improving undergraduate education. The Department employs three elements to try to achieve student involvement: a laboratory component, extensive writing to learn, and business/industrial linkages through internships.

PULSE STUDENT MAGAZINE

**Cowley County Community College
125 South Second
Arkansas City, KS 67005
(314) 442-0430
President - Dr. Patrick J. Mcatee
Contact Persons - Walt Mathlasmeler, Linda Puntney**

The PULSE student magazine was started to replace the yearbook. Since its first issue, the PULSE has been a popular, timely publication with the students and is currently distributed free to about three times as many readers as was the yearbook. It is published four times a year. Combining what the staff feels to be the best of both yearbook and magazine journalism; the readership is supplied with a lively publication which combines the historical aspects of a yearbook and the graphics and featurized approach of magazine journalism.

SATURDAY ART

**Watkins Institute
601 Church Street
Nashville, TN 37219
(615) 242-1851
President - Ursula Trevathan
Contact Person - Martha Burge**

The Program is offered for children between the ages of four and eighteen. Classes are offered each Saturday morning from 10:00 a.m. - 12:00 noon from October through April. The Program is a continuous, interrelated series of art experiences that focus on helping students strengthen their artistic abilities.

SUMMER DRAMATIC ARTS

**Community College Of Allegheny County
1759 Clairton Road
West Mifflin, PA 15122
(412) 469-6219
President - Dr. John W. Kraft
Contact Person - George J. Jaber**

The Summer Dramatic Arts Program is a six-week theatre program which combines work, career exploration, and educational enrichment. The Program begins in late June, and sixty-five students, ages fourteen to fifteen, from low income homes work four days a week in six different capacities of theatre activities: stagecraft, scene painting, acting, puppetry, costume/makeup, and movement. Each student completes two cycles in the Program and then bids on a position for the final four weeks.

SUMMER REPERTORY THEATRE

**Santa Rosa Junior College
1501 Mendocino Avenue
Santa Rosa, CA 95401
(707) 527-4696
President - Dr. Roy Mikalson
Contact Person - Frank J. Zwollnski**

Summer Repertory Theatre is a pre-professional training program for the career oriented theatre student. Its students have gone on to work at major schools and theatres across the nation as teachers, actors, designers, technical directors, costumers, box office managers and directors. Students are recruited from throughout the State of California and selected to participate in this Program based upon their potential for a professional career in the theatre.

WESTERN MOUNTAIN WRITERS' CONFERENCE

**Western Nevada Community College
Carson City, NV
(702) 887-3038
President - Dr. Anthony Calabro
Contact Person - Dr. John Garmon**

The Western Mountain Writers' Conference is now in its fourth year at Western Nevada Community College. It started with about twenty-five participants, and during the summer of 1988 there were more than two hundred paid attendees, some from as far away as New York, Texas, Florida, and British Columbia. Leading authors and poets present workshops during the two-day conference.

BUSINESS / SECRETARIAL

ACCOUNTING WITH MICROCOMPUTER APPLICATIONS

**Massachusetts Bay Community College
50 Oakland Street
Wellesley Hills, MA 02181
(617) 237-1100
President - Roger Van Winkle
Contact Person - George Luoto**

This adult retraining Program instructs students in Computer Applications and in Financial Accounting Procedures. The Program also includes theory, word processing, and Data Base Management systems. A three-week co-op experience internship with local computerized business offices takes place at the end of the Program. Students can continue or transfer the 21 credits toward their Associate Degree.

AMERICAN INSTITUTE OF BANKING

**Onondaga Community College
Onondaga Hill
Syracuse, NY 13215
(315) 469-7741
President - Dr. Bruce Leslie
Contact Person - John E. Rogers**

The Program is for bank employees, jointly administered by the Education Committee of the Syracuse AIB Chapter and the Business Administration Department. The programs offered cover the spectrum of banking responsibilities from entry-level to mid and senior level banking executives. Employees can work toward both an OCC degree while accumulating credits toward an AIB certificate or participate in professional seminars cooperatively developed and presented by AIB members and OCC faculty.

APPRAISAL SCIENCE

**Community College Of Allegheny County
1130 Perry Highway
Pittsburgh, PA 15237
(412) 369-3737
President - Dr. John W. Kraft
Contact Person - Dr. Leslie A. Bartok**

The Program is a two year, associate degree program with two concentrations-Real Estate and Personal Property. Students for the Program are professionals attracted from insurance agencies, real estate agencies, antique dealerships, and banks. The Program speaks to changing training and certification requirements in Appraisal Science.

BUSINESS ADMINISTRATION AND MANAGEMENT

**Lake-Sumter Community College
Highway 441
Leesburg, FL 32788
(904) 787-3747
President - Dr. Carl Christian Andersen
Contact Person - Dr. Bruce Staff**

The Program's purpose is to provide basic knowledge and business skills necessary for new students presently employed who want to upgrade their employability or retrain for advancement purposes. It provides not only the basic knowledge and business skills in a generic management/marketing program, but also provides specialization options in areas of retailing/wholesaling/sales, child care, postal management.

BUSINESS INFORMATION MANAGEMENT

**William Rainey Harper College
1200 West Algonquin Road
Palatine, IL 60067-7398
(312) 397-3000
President - Paul N. Thompson
Contact Persons - T. Johnson, R. Zilkowski**

The Program meets an increasing need for trained personnel who can manage the expanding volume of information available to persons in business. It emphasizes mastery of new equipment; managing technological change; understanding organizational design; and increasing analytical skills in leadership and communications within the business enterprise. The curriculum is designed to prepare students for entry-level positions involving information management applications with emphasis on the human side of the office.

BUSINESS MANAGEMENT

**East Central College
P.O. Box 529
Union, MO 63084
(314) 583-5193
President - Charles R. Novak
Contact Person - Dean Bittick**

The Program is a flexible curriculum offering a concentration of practical business courses coupled with basic courses in related areas. It combines experience with lecture/discussion, sales presentations, and taping critiques. A supervised business internship experience is an integral part of the business management program. With the A.A.S. Degree students may declare a double major in Business Management and Retailing.

THE CENTER FOR OCCUPATIONAL HEALTH AND SAFETY

**Central Maine Vocational Technical Institute
1250 Turner Street
Auburn, ME 04210
(207) 784-2385
President - Dr. Richard C. Conrath
Contact Person - Annee Tara**

The Center is dedicated to making work in Maine a safer, healthier and more productive experience by offering training to workers, supervisors and managers in business and industry throughout the State. The Center offers customized training in conjunction with the School's Business and Industry Program and co-sponsors seminars and other training events throughout the year. The Center serves business and industry, workers and the general public.

CENTER FOR THE VOCATIONALLY CHALLENGED

**Grossmont Community College
8800 Grossmont College Dr.
El Cajon, CA 92020
(619) 465-1700, EXT. 608
President - Dr. Ivan Jones
Contact Person - Scott Barr**

Seventy-two physically disabled students annually take part in two training programs as part of the Center for the Vocationally Challenged at Grossmont College. The programs, Business PC Specialist and Computer Programmer Training for the Physically Challenged, emphasize the trainee achieving a well-rounded background not only in technical computer skills and concepts, but also in becoming a business professional. With practical application of their skills being the capstone of their training, trainees are given the opportunity to intern at local companies for two months.

CERTIFICATE IN MANAGEMENT

**Miami-Dade Community College
11011 Sw 104th STREET
Miami, Florida 33176
(305) 347-2245
President - Dr. Robert H. McCabe
Contact Person - Edward Krohn**

The Center for Professional Development and the American Management Association have developed a multicourse curriculum designed to meet the needs of working professionals who want to learn state-of-the-art business skill to become more effective in their positions and better prepared for future advancement. By meeting in a classroom setting with other managers from different organizations, participants are able to see how other companies are handling challenges similar to their own. The courses are conducted by managers, trainers, and consultants with expertise in the specific subject area, group facilitation methods, and varied teaching methodologies.

CORPORATE TRAINING SERVICES PROGRAM

**St. Petersburg Junior College
8580 66th Street North
St. Petersburg, FL 34465
(813) 341-3292
President - Dr. Carl M. Kuttler, Jr.
Contact Person - Noreen H. Hodges**

The Program's goal is flexible, non-traditional programs and courses offered in convenient places and at times appropriate for the business community. The desire is to position the College as a partner in the economic development of the county, and to provide a centralized contact point for the full range of services available to meet corporate training needs. Features include: customized training programs for business and industry; custom designed on-site courses and seminars; management development seminars; flexible scheduling and convenient locations; and on-site academic counseling and registration for individual employees.

COURT REPORTING

**Alvin Community College
3110 Mustang Road
Alvin, TX 77511-4898
(713) 331-6111
President - Dr. A.R. Allbright
Contact Person - Joan Rossano**

The Associate in Applied Science Degree Curriculum in Court Reporting is a two-year course designed to prepare the student for any phase of reporting work. Emphasis is placed on the mastery of the stenograph machine. The student also attends classes stressing medical, legal, and technical terminology, simulated courtroom trials, legal terminology, the dictation of stenograph notes, and the preparation of actual transcripts.

COURT REPORTING

**Amarillo College
P.O. Box 447
Amarillo, TX 79178-0001
(806) 371-5255
President - Dr. George Miller
Contact Person - Delores Behrens**

This Associate in Applied Science Program prepares students to become court reporters. It provides opportunities for students to become proficient in the written and spoken word and have the ability to read with comprehension, write with clarity, speak effectively, and listen effectively. Entry-level training for the court reporting students consists of instruction of computer-compatible theory, machine dexterity, and dictation of familiar material.

LEGAL ASSISTING TECHNOLOGY

**University Of Toledo Community And Technical College
2801 West Bancroft Street
Toledo, Ohio 43606
(419) 537-3332
President - Dr. Charles H. Bohlen
Contact Person - Dr. Nancy C. Robon**

This Program, approved by the American Bar Association, cooperates with the University of Toledo College of Law allowing students to use the law school library for research classes. Students have access to LEXIS terminals for computerized legal searches. Internships are provided students through cooperation with the area legal community.

LEGAL SECRETARY

**Blackhawk Technical College
6004 Prairie Road
P.O. Box 5009
Janesville, WI 53547
(608) 756-4121
President - Dr. James C. Catania
Contact Person - Karen Knox**

This Associate Degree Program prepares students to become secretaries for private attorneys, legal firms, insurance agencies, real estate agencies, banks, corporate offices and government offices. Training is provided for handling clients in-person and on the telephone. The Program familiarizes students with legal office procedures and confidentiality. There is a special emphasis on legal terminology and the proper preparation of legal documents.

MARKETING/MANAGEMENT

**Des Moines Area Community College
2006 South Ankeny Boulevard
Ankeny, IA 50021
(515) 964-6232
President - Dr. Joseph Borgen
Contact Person - Not Provided**

The Program includes a list of program options including the traditional two-year marketing and management programs, one-year diploma programs, and a variety of short-term certificate programs. In addition to the ongoing relationships with advisory committees and members, the Program has initiated a series of contacts with national firms. Local business people support class room efforts through site visitations, talking to students in seminar settings, and evaluating student performances; e.g., sales presentations.

NIPPON BUSINESS INSTITUTE

**Everett Community College
801 Wetmore Avenue
Everett, WA 98201
(206) 259-7151
President - Robert J. Drewel
Contact Person - Robert L. Beardemphl**

The Institute educates American business students in Japanese language, customs, and business practices. The degree program is a four-year program coordinated with Western Washington University. Students complete an associate degree in business at Everett and then transfer to Western to complete a bachelor's degree in business.

OFFICE SYSTEMS TRAINING CENTER

**Umpqua Community College
P.O. Box 967
Roseburg, OR 97470
(503) 440-4800
President - Dr. James M. Kraby
Contact Person - Charles M. Plummer**

The Center is a basic clerical skills program incorporating individualized, self-paced instruction. It provides intensive, short-term training for JTPA clients, for regular students desiring an accelerated program, and for downtown business and government employees who need upgrading in microcomputer (spreadsheet, word processing) skills. Attending for six hours daily, students earn 27 college credits in a ten-week period.

OFFICE TECHNOLOGY

**Monroe County Community College
1555 S. Raisinville Road
Monroe, MI 48161
(313) 242-7300
President - Gerald Welch
Contact Person - David McKay**

This Program represents a combination of office curriculum including secretarial, computer information systems, word processing, and microcomputer accounting. Flexibility in course offerings is made possible through the use of multilevel, multifunctional learning centers equipped with state-of-the-art electronic microcomputers, networks, and software. The goal is to train students with a thorough knowledge of all microcomputer applications in order to function at a high level of proficiency.

PARALEGAL

**College Of The Sequoias
915 South Mooney Boulevard
Visalia, CA 93277
(209) 733-2050
Present - Lincoln H. Hall
Contact Person - Dr. David Bockman**

Program course requirements for graduation include: Introduction to Paralegalism; Legal Research and Writing I and II; Law Office Management; Civil Procedure I and II; Interviewing for the Paralegal; Internship. Students may fulfill additional credit requirements from electives featuring specialized areas of the law such as Contracts, Torts, Bankruptcy, Trusts, Wills and Probate. The Internship program consists of on-the-job training.

PARALEGAL STUDIES

**Bronx Community College
University Avenue & West 181 Street
Bronx, NY 10453
(212) 220-6185
President - Dr. Roscoe C. Brown, Jr.
Contact Person - Carl J. Polowczyk**

The Program offers a background in the legal fundamentals, appropriate skills and practical experience necessary for employment or for continued academic progress aimed toward a law or law-related career. It has two special options: The Lawyer's Assistant and Law Advocate. The first prepares students for employment that includes research, writing and other tasks assigned by firms to paralegals. The Law Advocate option prepares students for service to people and institutions that are concerned with the criminal justice system, family law, the poor, the handicapped and the elderly.

SECRETARIAL SCIENCE

**Howard Community College
Little Patuxent Parkway
Columbia, MD 21044
(301) 992-4876
President - Dwight Burrill
Contact Person - Judy Law**

The Program has degree and certificate options for recent high school graduates and those away from school for some time. An open-entry, open-exit self-paced individualized lab is provided for the skills courses. Affective skills are also taught through the lab.

SMALL BUSINESS MANAGEMENT

**North Central Technical College
1000 Campus Drive
Wausau, WI 54401-1899
(715) 675-3331
President - Dr. Donald L. Hagen
Contact Person - Dr. Ken Mills**

The Program helps people over the hurdles of starting a new business as well as preparing them for entry-level positions in small business. A major thrust of the Program is to adapt course work to a student's actual business goals. The student ends up with a comprehensive business plan as a culminating project. General principles are also taught, including financial management, marketing, sales, and personnel management.

SUPERVISION CERTIFICATE

**Pellissippi State Technical Community College
P.O. Box 22990
Knoxville, TN 37933
(615) 694-6400
President - J.L. Golns
Contact Persons - Bill Hamlin, Roger Crowe**

The Certificate enables new or potential supervisors to acquire management skills to assist them in realizing their full potential as managers. It is comprised of three courses--Principles of Management, Supervisory Development, and Personnel Management for a total of 11 semester credit hours. All three courses are taught using the case method as a central teaching strategy.

COMPUTERS / COMPUTER ASSISTED INSTRUCTION

ADAPTIVE MINICOMPUTER SYSTEM

**Monroe Community College
1000 East Henrietta Road
Rochester, NY 14623
(716) 424-5200
President - Dr. Peter A Spina
Contact Person - Professor Ronald Tocci**

The Adaptive Minicomputer System utilizes a multi-user minicomputer system, on inexpensive PDP-11 technology, to teach a variety of languages and operating systems. The system is flexible enough to be used for training of faculty (as well as students) through demonstrations, seminars and mini-courses on various operating systems, languages and applications.

BUSINESS DATA PROCESSING PROGRAMMER

**Black Hawk College
6600 34th Avenue
Moline, IL 61265
(309) 796-1311
President - Dr. Herbert Lyon
Contact Person - Reginald W. White**

This Program teaches the fundamentals of Business Data Processing with an emphasis on computer problem solving. Stressed are the most commonly used programming languages in order to satisfy the needs of local and national data processing shops.

CENTER FOR ACCELERATED LEARNING

**Stark Technical College
6200 Frank Avenue, N.W.
Canton, OH 44720
(216) 494-6170
President - Dr. John J. McGrath
Contact Person - John Herring**

The Center for Accelerated Learning is a high tech resource for all students, faculty and administrators. CAL is an integrated partnership program, faculty and students working together to improve the quality of education and student retention. Twenty-three personal computers provide educational software from basic skills to advanced technical specialties. Peer tutoring is also provided free.

CENTER OF EMPHASIS

**Columbia State Community College
P.O. Box 1315
Columbia, TN 38401
(615) 388-0120
President - Dr. L. Paul Sands
Contact Person - Dr. Stephen Stropes**

The Center of Emphasis produces and delivers state-of-the-art interactive video and computer assisted instruction. The modules developed serve as a supplement to traditional instruction. The Center of Emphasis is unique in providing students with creative interdisciplinary interactive teaching programs delivered by interactive video work-stations at on- and off-campus locations. This interdisciplinary approach to instruction focuses mainly on the development of teaching modules for courses in Nursing, Biology, History, Economics, and Data Processing, although other campus disciplines also participate.

COMPUTER APPLICATIONS FOR BUSINESS ADMINISTRATION MAJORS

**Tacoma Community College
5900 South 12th Street
Tacoma, WA 98465
(206) 566-5070
President - Dr. Carleton M. Opgaard
Contact Persons - Sue Butschun, Tim Keely**

The Program utilizes applications from microeconomics and accounting in math courses for business administration majors. The applications are implemented by student computer assignments using Lotus 1-2-3. Students are required to solve the same problem in three different courses: economics, math, and data processing.

ELECTRONIC ACCESS TO INFORMATION

**Indian River Community College
3209 Virginia Avenue
Fort Pierce, FL 34954
(407) 468-4700
President - Dr. Edwin R. Massey
Contact Person - Dr. John W. Mulr**

The learning Resources Center developed a high technology approach to library instruction. A college credit course entitled "Electronic Access to Information" is offered to a group of college students and to a group of area media specialists. The course emphasizes access to books, databases, library holdings, magazines, and several indexes through computer linkages to electronic databases and CD-ROMs.

INDEPENDENT LEARNING CENTER - COMPUTER ASSISTED INSTRUCTION

**Spartanburg Methodist College
1200 Textile Road
Spartanburg, SC 29301
(803) 587-4000
President - Dr. George Fields
Contact Person - Dr. William E. Lofflin**

The Program currently houses 30 Apple computers with approximately 2,000 diskettes running 253 different instructor selected software packages covering topics from "Accounting" to "Word Processing" to "Zoology." Approximately 75% of the students utilize CAI services at least once during a semester; thus, representing students from 70% of the campus instructors. Students may either be referred by an instructor for CAI or may choose self-referral.

OPEN LEARNING PROGRAM

**John Wood Community College
150 South 48th Street
Quincy, IL 62301
(217) 224-6500
President - Dr. Robert C. Keys
Contact Person - Dr. Valdon L. Law**

This Program features open entry, open exit courses taught with a mastery learning design. Combined are media-based materials (audio and video taped materials and computer-assisted instruction) and highly skilled instructors to individualize instruction for over 1,400 students each year in scores of credit bearing courses. These courses range from developmental coursework through courses in mathematics, computers, social sciences and the humanities.

A WIN/WIN PARTNERSHIP WITH DIGITAL EQUIPMENT CORPORATION

**San Joaquin Delta College
5151 Pacific Avenue
Stockton, CA 95207
(209) 474-5036
President - Dr. L. H. Horton, Jr.
Contact Persons - Lee Belarmino, Marie Pepicello**

San Joaquin Delta College and Digital Equipment Corporation have entered into a "win-win" partnership through DEC's establishment of a regional training center with \$250,000 worth of equipment and software in the College's Campus Computing Center. The Center serves DEC's customers in the Sacramento and San Joaquin Valleys as well as benefitting the College by having acquired a state-of-the-art minicomputer, 56 new terminals, and software, all of which are used by students and faculty when DEC isn't conducting its own classes.

CRIMINAL JUSTICE

CRIMINAL JUSTICE

**Mountain Empire Community College
Drawer 700
Big Stone Gap, VA 24219
(703) 523-2400
President - Dr. Ruth Mercedes Smith
Contact Person - Marcia Quesenberry Kibler**

The Program blends a wide range of students from recent high school graduates with absolutely no training to experienced police officers. As a result, there is interaction between traditional and non-traditional students, because the "new" recruit learns from the experienced state trooper or county deputy, who is pursuing professional development. An internship is included with 225 hours in a criminal justice agency.

CRIMINAL JUSTICE/CORRECTIONS

**West Shore Community College
3000 North Stiles Road
P.O. Box 277
Scottsville, MI 49454-0277
(616) 845-6211
President - Dr. William M. Anderson
Contact Person - Tom Kelly**

The one-year Certificate Program introduces the field and illustrates the rigors and requirements of the job. The two-year Associate of Applied Arts and Science Program delves further into the field and also offers a general studies core, allowing graduates to communicate and understand their jobs better, enter baccalaureate programs easier, and be more qualified for rapid promotion. Coursework for both programs is offered during the evening, allowing students to keep their jobs and making it easier for people employed in the prison system to teach courses.

EMPLOYMENT SKILLS/LIFESTYLE MANAGEMENT

**Shelby State Community College
P.O. Box 40568
Memphis, TN 38174-0568
(901) 528-6758
President - Dr. Raymond Bowen
Contact Person - Suzanne Field**

The prison industry instructional program, "Employment Skills/Lifestyle Management" was designed to address the needs of prisoners incarcerated in Shelby County Correction Center by providing them with programs and services to address their specialized needs and with skills necessary for making career decisions and obtaining jobs. Job seeking skills and training for jobs that are available in the community are being provided. Lifestyle management techniques, such as conflict resolution, value clarification, and stress management are also presented to provide them with options for alternative life styles.

INMATE HIGHER EDUCATION

**Western Nevada Community College
Carson City, NV
(702) 887-3038
President - Dr. Anthony Calabro
Contact Person - Dr. John Garmon**

The Program serves over two hundred students in three state prisons and one honor camp in Carson City. Through this Program, the College has obtained an outstanding secretary in the Stewart High Tech center, and some of the students have registered for classes on the main campus, following their releases from incarceration. A majority of the students are enrolled for nine or more credits per semester, so they receive the Pell Grant which covers tuition and some textbooks and supplies.

MID-MICHIGAN POLICE ACADEMY

**Lansing Community College
P.O. Box 40010
Lansing, MI 48901-7201
(517) 483-1851
President - Dr. Phillip J. Gannon
Contact Person - Jane P. White**

The Mid-Michigan Police Academy was established as a collaborative effort of the College and local law enforcement agencies. The Academy is an integral link to local, regional and state law enforcement agencies for their police officer needs. Links also exist to other agencies, business and industries.

PROJECT FACE

**Robeson Community College
P.O. Box 1420
Lumberton, NC 28359
(919) 738-7101
President - Fred Williams
Contact Person - Tony E. Brewington**

Project Face involves persons on bond, probation, or parole from incarceration in a positive academic experience which helps them progress toward a higher educational goal. Persons recommended for the Program by criminal justice officials are counseled throughout the Project. Diagnostic testing is done to delineate specific academic needs and assist in formulating realistic educational goals. The Project is conducted primarily in a classroom or learning lab setting, using computer materials and other self-paced materials.

RIO HONDO POLICE ACADEMY

**Rio Hondo Community College District
3600 Workman Mill Road
Whittier, CA 90608
(213) 908-3403
President - Herbert M. Sussman
Contact Person - Herbert M. Sussman**

The Program is a seventeen week course, developed in close cooperation and collaborative efforts with various law enforcement agencies geared to serve a number of needs of Southern California agencies. It is designed to meet the requirement for basic certification by the Commission on Peace Officer Standard and Training. Covered are criminal law, evidence, procedures, investigation, firearms, first aid, defensive tactics, use of chemical agents and other related subjects.

SECURITY MAJOR

**Grant Macewan Community College
7319-29 Avenue
Edmonton, AB T6K 2P1
462-5650
President - Dr. Gerald O. Kelly
Contact Person - Andy Blake**

The Security Major within the Law Enforcement and Security Program is designed to prepare graduates to enter any one of the major areas of private security as a Loss Prevention Officer and/or investigator. This Program emphasizes the skills and knowledge required to be effective in protecting assets and conducting investigations when losses occur, in addition to the regular law enforcement training in the areas of human relations, criminalistics, criminology, law, juvenile delinquency, psychology, and sociology.

TEAM COMMAND PROJECT

**Monroe Community College
1000 E. Henretta Road
Rochester, NY 14623
(716) 424-5200
President - Dr. Peter A. Splna
Contact Person - Gary J. Prawel**

The Team Command Project was established to improve response capability to an industrial hazardous materials accident. The Project is an integrated hierarchy of training courses based on the nationally acclaimed and proven Incident-Command System. The foundation of the concept is the tactical management course (Public Safety Incident Management) offered to first-line police, fire and emergency medical services supervisors.

EARLY CHILDHOOD

ALLEGHENY CAMPUS CHILD DEVELOPMENT CENTER

**Community College Of Allegheny County
Byers Hall, 808 Rldge Avenue
Pittsburgh, PA 15212
(412) 237-6512
President - Dr. Jack Kraft
Contact Person - Dr. Yvonne H. Davis**

The Center's three major components are: Curriculum for children for day and evening students; Laboratory Practicum Internship and; Staff Development/Learning Concepts for parents, teachers, students, area agencies, and individuals interested in the development of children. The Center's offerings are the result of collaborative efforts among the Child Development Center, the Student Development Services Division and the College's Academic Division. A linkage also exists with the University of Pittsburgh's School of Social Work/Child Development.

CHILD CARE ASSOCIATE - NANNY

**Moraine Park Technical College
235 North National Avenue
P.O. Box 1940
Fond Du Lac, WI 54936-1940
(114) 922-8611
President - Dr. John J. Shanahan
Contact Person - Donna Leet Dixon**

The Program is a two-year program preparing persons for in-home care. The training of a nanny includes courses in child development, the physical care of children, developmental activities, communications, first aid, care of the sick child, as well as personal enrichment courses such as etiquette and contracts and professionalism. Students complete 864 hours of in-home practicum experience prior to graduation.

CHILD CARE

**John Tyler Community College
Chester, VA 23831
(804) 796-4000
President - Dr. Freddie W. Nicholas
Contact Person - Johnnie F. Humphrey**

The Program trains individuals to work with children in varied child care settings including private-for-profit child care centers, non-profit child care centers and family day care homes. Frequently classes are taught in the child care facilities themselves so that it is more convenient for people already employed at the center. The Program is taught from a hands on approach using the competencies developed by Child Development Associate National Credentialing Program.

CHILD CARE SPECIALIST I, II, III

**Des Moines Area Community College
2006 South Ankeny Blvd.
Ankeny, IA 50021
(515) 964-6584
President - Dr. Joseph Borgen
Contact Person - Mary Doidge**

The Child Care Specialist I certificate has been designed for persons with little or no experience and/or training in the child care field. The Child Care Specialist II certificate has been designed for persons with experience and/or training in the child care field. The Child Care Specialist III certificate has been designed for persons functioning in a supervisory capacity such as lead teachers, coordinators, assistant directors and directors.

DE ANZA COLLEGE CHILD DEVELOPMENT AND EDUCATION PROGRAM

**DE ANZA COLLEGE
21250 Stevens Creek Boulevard
Cupertino, CA 95014
(408) 996-4705
President - A. Robert Dehart
Contact Person - Barbara Reid**

The Programs include teacher training, parent education, and the operation of a child development center for children of DeAnza students. Students receive degree applicable training in child development with an emphasis on early childhood education for the child from birth through adolescence. A student practicum is offered under the direction of master teachers in the Campus Child Development Center. Parent education and classroom participation are offered throughout all programs.

EARLY CHILDHOOD

**Holyoke Community College
303 Homestead Avenue
Holyoke, MA 01040
(413) 538-7000
President - David M. Bartley
Contact Person - Connie D'ella**

The Program provides associate degree-level training for Early Childhood professionals working primarily in day care and nursery school settings as well as a transfer option for students seeking bachelor's-level training in Early Childhood and/or Elementary teaching. It strives to meet the needs of both working and preservice teachers.

EARLY CHILDHOOD EDUCATION

**Pierce College
9401 Farwest Drive Sw
Tacoma, WA 98498-1999
(206) 964-6542
President - Dr. Brent Knight
Contact Person - Mary Kay Brown**

The Program fulfills the needs of students who wish to prepare themselves for employment in the Early Childhood Education field and for those already employed in the field to increase knowledge and enhance their skills. The curriculum is designed so that graduates are prepared to seek employment in child care centers, mini centers, family day care homes, cooperative and private nursery schools, children's homes and institutions, and in programs for economically deprived children and other youngsters with special needs.

NANNY PROGRAM

**Reading Area Community College
10 South 2nd Street
Reading, PA 19603
(215) 372-4721
President - Dr. Gust Zogas
Contact Person - Dr. Judith Peterson**

The Program is modeled on the British tradition of professionally trained in-home care specialists and is designed to fill a growing need in the local area as well as throughout the United States. The services and skills of the professional nanny are particularly appealing to working parents with children under three years of age who can be cared for in their own homes. The Program is thirteen weeks in duration with sixteen instructional hours per week plus eighty-eight hours of field experience for a total of 296 hours.

PARENTING IN THE 80'S

**Walla Walla Community College
500 Tauslck Way
Walla Walla, WA 99362
(509) 527-4289
President - Dr. Steven Vanausdie
Contact Person - Dr. Joe Rich**

This seminar offers an evening of parenting classes free to parents and teachers. Free child care and transportation are also provided for participants. The presenters, who donate their time, include teachers, doctors, psychologists, social workers, ministers, counselors and other child care professionals. The goal is to improve the quality of parenting through parent education.

ENGLISH AS A SECOND LANGUAGE

ESL LEARNING CENTER

**South Mountain Community College
7050 South 24th Street
Phoenix, AZ 85040
(602) 247-8000
President - Dr. Raul Cardenas
Contact Persons - Belen Servin, Guadalupe Villcana**

The ESL Learning Center provides organized practice outside of the classroom for language learners. Students practice all four language skills (listening comprehension, speaking, reading, and writing) in classroom-related activities, as well as in enrichment activities at the Center. The Center allows a student to gain additional practice, as needed, in specific areas.

ESL

**Arizona Western College
P.O. Box 929
Yuma, AZ 85364
(602) 344-7500
President - James Carruthers
Contact Person - Pamela Sharpe**

The College has developed an ESL Program that provides four curriculum options at five sites. The options--Amnesty, Survival English, Practical Communications, and Pre-Academic Training--were identified by a preliminary needs analysis, and continue to be revised and refined by using information from surveys of student responses to the program option in which they are participating as well as by consulting with the Hispanic Community Advisory Council. Each curriculum, and therefore each student schedule, provides six to sixteen hours of instruction on as many as six levels of language.

ESL

**Brookhaven College
3939 Valley View Lane
Farmers Branch, TX 75244
(214) 620-4770
President - Patsy Fulton
Contact Person - Zack Miller**

The ESL Program offers four types of programs: Continuing Education ESL including TOEFL preparation; College Preparatory ESL at four levels; Intensive English at the intermediate and advanced levels; and Citizenship/ESL in five levels to develop citizenship skills. Students move from one type to another as needs and goals change.

INTENSIVE ENGLISH

**Donnelly College
608 North 18th Street
Kansas City, KS 66102
(913) 621-6070
President - Dr. John Murry
Contact Person - Bonnie Rose**

The Intensive English Program provides instruction in English as a Second Language. This instruction provides ESL training for academic-bound students and also for those seeking survival skills. The IEP serves approximately 100 students from approximately 30 countries each semester. Students are enrolled in 20 hours of instruction each week and receive instruction in listening, speaking, reading and writing.

PRE-VOCATIONAL ESL TRAINING

**Milwaukee Area Technical College
6665 S. Howell Avenue
Oak Creek, WI 53154
(414) 762-2500
President - Dr. Rus F. Slicker
Contact Persons - Diane Derks, Mary Rockstad**

The Program is to prepare students with limited English proficiency, primarily Hmong and Laotians, to enter one-year diploma programs offered by the Technical and Industrial Division of the College. T and I and ESL faculty join forces to collaboratively teach those shop, academic and English skills necessary for students to succeed in diploma programs. The one-semester program entails thirty hours of instruction per week for students entering auto-related programs.

FOOD SERVICE / HOSPITALITY

CULINARY ARTS

**West Virginia Northern Community College
College Square
Wheeling, WV 26003
(304) 233-5900
President - Dr. Barbara Guthrie-morse
Contact Persons - Audrey Secreto, Ed Covey**

The Program is designed to meet the demand for foodservice personnel with the emphasis on teaching basic techniques of food preparation. Exposure to many facets of food preparation as well as nutrition, sanitation, menu planning and personnel management used by the professional culinarian are included in the Program. Hands on experience is a high priority in the laboratory classes, and this helps to build a solid foundation of basic cooking skills.

FOOD SCIENCE TECHNOLOGY

**Moraine Park Technical College
235 North National Avenue
Fond Du Lac, WI 54935
(414) 922-8611
President - Dr. John J. Shanahan
Contact Person - Donna Leet Dixon**

The Program is designed to educate entry-level technicians, supervisors, salespersons, and other related workers in the nation's food processing industry. Graduates apply high technology, science, and engineering skills to the functions of industrial-type food processing, packaging, quality assurance, and distribution of food from producer to consumer. Students specialize in the areas of milk and dairy products, vegetables, fruits, meats, brewing, cereals, seafoods, and beverages.

HOSPITALITY AMBASSADOR TRAINING

**Tompkins Cortland Community College
170 North Street
Dryden, NY 13053
(607) 844-8211
President - Dr. Eduardo Marti
Contact Person - Kathleen Habel**

This Program, co-sponsored by the Visitor Industry Council of the Tompkins County Chamber of Commerce, is designed to provide training for front-line employees in the hospitality industry. It is designed to provide training in essential courtesy skills needed in dealing with the visitor. Topics include: how to meet and greet the visitor, dealing with difficult people and handling emergency situations. The second part of the training deals with tourism.

HOSPITALITY MANAGEMENT

**Holyoke Community College
303 Homestead Avenue
Holyoke, MA 01040
(413) 538-7000
President - David M. Bartley
Contact Person - Warren Grinnan**

The Program features both a Career and Transfer Option curriculum track. The Transfer Option is articulated with many four-year colleges in the country. The Program emphasizes a semester-long mandatory, fully paid field experience which has served as a model for business/educational partnerships.

HOSPITALITY MANAGEMENT TECHNOLOGY

**Columbus State Community College
550 East Spring Street
Columbus, OH 43215
(614) 227-2400
President - Dr. Harold Nestor
Contact Person - Carol Kizer**

The Hospitality Management Technology Department offers associate degrees in Foodservice/Restaurant Management. Two short, non-degree programs include the Dietary Managers Program and a Foodservice Program for Ohio Corrections. Industry specific computer experiences, including faculty-developed hands-on experiences using actual hospitality systems, all are part of the programs.

HOTEL-MOTEL/RESTAURANT-CLUB MANAGEMENT

**Essex Community College
7201 Rossville Boulevard
Baltimore, MD 21237
(301) 522-1628
President - Dr. John E Ravekes
Contact Person - Dr. Andrew Snope**

The Program trains students for supervisory and middle management positions in the hospitality industry. The graduate, after completing a combined curriculum of academic training and practical application, is prepared to perform management functions and duties in his or her chosen area of concentration, either Hotel-Motel Management or Restaurant-Club Management. The Program also serves individuals currently employed in the industry who wish to upgrade their skills and knowledge.

HOTEL MOTEL/RESTAURANT MANAGEMENT PROGRAM

**Central Community College
P.O. Box 1024
Hastings, NE 68902
(402) 461-2458
President - Dr. Carl Rolfe
Contact Person - Deborah Brennan**

Students in the HMR Department are encouraged to be active, co-operative learners through participation in the food lab, faculty/staff dining room, Culinary Arts Club, and field trips. The students fill all of the food service jobs including menu planning, cooking, service, and cashiering for the cafeteria lunch served daily to faculty, staff, and guests. Courses incorporate computer work in inventory control, recipe analysis, hotel front desk operations, and cash register, which are current with industry standards.

HOTEL/RESTAURANT MANAGEMENT

**Cape Cod Community College
Route 132
West Barnstable, MA 02668
(508) 362-2131
President - Phillip R. Day, Jr.
Contact Person - Bruce Bell**

This Program is designed to meet the educational and training needs of the hospitality industry on Cape Cod. In addition to the degree programs, college level certificate programs are offered in seven areas. Cooperative education is required of all students.

QUEEN ELIZABETH 2 BERMUDA CRUISE AND STUDY

**Monroe Community College
1000 East Henrietta Road
Rochester, NY 14623
(716) 424-5200
President - Peter A. Spina
Contact Person - Vicki Ferland**

The Program's purpose is to bring together students/faculty from Food Service, Hotel Technology and Travel and Tourism programs, members of the local professional hospitality community, and the officers/crew of the QE 2 for a realistic study of how the profitable product-the cruise-is produced by cooperative interaction. It helps students investigate career opportunities in the cruise industry first-hand. All students participate in a pre-cruise orientation.

RESTAURANT AND HOTEL COOKERY

**Moraine Park Technical College
235 North National Avenue
Fond Du Lac, WI 54936-1940
(414) 922-8611
President - Dr. John J. Shanahan
Contact Person - Jerry J. Steplen**

The Program allows for ready transition between the Food Service Assistant Diploma Program and the degree program without loss of credit. Recent program modifications emanated from efforts with area employers.

RESTAURANT MANAGEMENT

**Del Mar College
Baldwin And Ayers
Corpus Christi, TX 78404
(512) 886-1734
President - Buddy R. Venters
Contact Person - Deon Haven**

The Program offers students preparation to assume management or supervisory-level positions in restaurants, clubs, hotels, schools, cafeterias, and other establishments where food is served in quantity. A number of scholarships for students who wish to enroll in this Program have been made available by the Texas Restaurant Association and others.

TRAVEL AND TOURISM

**Genesee Community College
One College Road
Batavia, NY 14020
(716) 343-0055
President - Stuart Steiner
Contact Person - Dena Bahnsen**

The Program utilizes the Eastern Airlines System One reservation computers. Students work independently in a dedicated computer lab. An important component is a student internship in a travel agency, resort, hotel or other industry related location.

TRAVEL/TOURISM INSTITUTE

**Massachusetts Bay Community College
50 Oakland Street
Wellesley Hills, MA 02181
(617) 237-1100
President - Roger Van Winkle
Contact Person - George Luoto**

The College operates its own Travel Institute training in travel retail. Students work on individual SABRE (live American Airlines system computer). Students can have up to a 6-week internship with the AAA American Automobile Association travel offices. Students have continued on toward their Associate Degree. The Program is offered day, evening, and summer semesters.

HONORS

HONORS

**Frederick Community College
7932 Opossumtown Pike
Frederick, MD 21701
(301) 694-5240
President - Dr. Lee John Betts
Contact Person - Anne Slater**

The Honors Program is for high-ability, intellectually curious, highly-motivated students. Honors courses offer students enriched and in-depth examination of course issues in a learning environment limited to fifteen students in which instructor and student become co-learners. The Honors Program has two components: Departmental and General Honors.

HONORS

**North Shore Community College
3 Essex Street
Beverly, MA 01915
(508) 922-6722
President - George Traicoff
Contact Person - Paul Frydrych**

The Honors Program provides a more stimulating and supportive academic environment for the College's more highly motivated and academically talented transfer students. The Program Coordinator and the Honors Committee, consisting of faculty, administrators and students, interview students and review applications. Those selected are required to maintain a minimum GPA of 3.3 while they fulfill a more rigorous academic program, including more challenging liberal arts requirements, the completion of selected courses on an honors level (arranged by individual contract with instructors) and participation in the Honors Seminar.

HONORS

**Sauk Valley Community College
173 II Route 2
Dixon, IL 61021
(815) 288-5511
President - Dr. Richard Behrendt
Contact Person - Dale Heuck**

The instructional challenge of providing special opportunities for the superior student is met by the Honors Program. Identification of qualified students is based on proven academic abilities as indicated by: ACT score of 27 or greater, a high school honors program, or faculty referral supported by established academic success at the College. A course within the college curriculum which best meets the student's needs is selected to be taken for honors credit.

HONORS

**Union County College
1033 Springfield Avenue
Cranford, NJ 07016
(201) 709-7100
President - Dr. Derek N. Nunney
Contact Person - Dr. Norman Will**

The Program is an option to the Liberal Arts Program of study leading to the Associate in Arts Degree. The heart of the curriculum is: Honors 101 and 102: Knowing and Being; Honors 201: Honors Seminar; Honors 202: Independent Study. A goal of the Program is to provide an integrative, multi-disciplinary perspective on the intellectual achievements and problems of Western culture.

HONORS WORLD HISTORY/WORLD LITERATURE

**Miami-Dade Community College
300 N. E. 2nd Avenue
Miami, FL 33132
(305) 347-3022
President - Dr. Robert McCabe
Contact Person - Dr. Irene Lipof**

The Honors World History/World Literature instructional program is a two semester four course opportunity for students to learn in a unique way. Each term one section of World History and one section of World Literature are paired and team taught. As the two instructors move through the time periods, they teach about the history of the time and about the literature written during that time. Each instructor analyzes how the literature reflects the time and how what was going on was reflected in the literature.

HONORS/YOUNG SCHOLARS

**Texas Southmost College
80 Fort Brown
Brownsville, TX 78520
(512) 544-8851
President - Dr. Juliet Garcia
Contact Person - Dr. Charles Dameron**

This two-prong Program provides challenges and opportunities to two groups of high-achieving students in the community. Honors 113 is a course offered each spring semester for students who have a 3.0 average or better. The course is composed of a number of seminar options taught by outstanding faculty. For seventh and eighth grade students who are in the top 5%-10% of their class in local schools, the College offers a special 3-week program every June. The students attend classes for 3 hours each afternoon, with the classes combining academic instruction, hands-on experience, and learning enrichment.

INTERDISCIPLINARY STUDIES A LIBERAL ARTS ALTERNATIVE

**St. Petersburg Junlor College
2465 Drew Street
Clearwater, FL 34625
(813) 791-2694
President - Dr. Carl M. Kuttler, Jr.
Contact Person - Ben R. Willey**

The Program is a team-taught honors program that supplies thirty-six hours of the general education requirement in composition, humanities, ethics, speech, social science and natural science. It provides a comprehensive history of western civilization. IDS works to synthesize and integrate knowledge, to provide a broad background in liberal arts, to emphasize critical and reflective thinking, to provide a clear picture of the continuity of history and culture, and to cultivate those intellectual skills university professors look for in their junior and senior students and the business world looks for in its employees.

PRESIDENTIAL SCHOLARSHIP AND HONORS PROGRAM

**Kansas City Kansas Community College
7250 State Ave.
Kansas City, KS 66112
(913) 334-1100
President - Dr. Bill Spencer
Contact Person - Don Vandewalle**

The heart of the Program is the freshman block, a set of three linked courses. For the sophomore year, students have available electives, independent study and mentor contracts. Financially, the College provides a full tuition and fees scholarship to academically talented students in the two county service district.

INSTRUCTIONAL APPROACHES

ASPIRE

**North Arkansas Community College
Pioneer Ridge
Harrison, AR 72601
(501) 743-3000
President - Dr. Bill Baker
Contact Person - Marty Terrill**

ASPIRE is an interdisciplinary research project in which a student concentrates on developing one paper which satisfies the research requirement for two or more classes. The student works under the supervision of the instructors of all the involved courses. The purpose of the project is to require the student to look at an issue from more than one perspective, to evaluate sources of information, and to explore and assimilate information to answer specific questions.

CENTER FOR INFORMATION SYSTEMS

**Motlow State Community College
Tullahoma, TN 37388
(615) 455-8511
President - Dr. A. Frank Glass
Contact Person - Dr. Janet M. Finch**

The Center for Information Systems Project is designed to identify the training needs in the work place, to develop and strengthen curricula, to train and retrain faculty, and to provide state-of-the-art equipment for training. Because of the College's location in a high tech corridor, it became imperative to be able to respond to this technical challenge. Through the Center for Information Systems the College is now better prepared to respond more rapidly to the changing technological requirements in its service area.

THE CENTER FOR PERSONALIZED INSTRUCTION

**Palm Beach Community College
4200 Congress Avenue
Fort Worth, FL 33461
(407) 439-8000
President - Dr. Edward Elsey
Contact Persons - Eileen Lintz, Joan Holcomb**

The Center for Personalized Instruction offers a centralized approach to delivering college and vocational preparatory programs, individualized study credit courses and supplementary support services. The commitment is to co-mingle all segments of the curriculum in order to maximize available resources. Competency-based instruction is customized to meet the job training and career goals of participants as for example in the criminal justice program.

COOPERATIVE EDUCATION/INTERNSHIP

**North Shore Community College
3 Essex Street
Beverly, MA 01915
(508) 922-6722
President - Dr. George Tralcoff
Contact Person - Dr. Paul Frydrych**

The Cooperative Education/Internship Program is designed to provide students with a comprehensive educational opportunity in which the academic environment and the world of work are integrated. Care is taken to assure that Cooperative Education employers understand their functions of supervising and evaluating the students. Job sites have been established at various levels of students' abilities so that all qualified students may participate in the Program.

COORDINATED STUDIES

**Seattle Central Community College
1701 Broadway
Seattle, WA 98122
(206) 587-5470
President - Dr. Charles H. Mitchell
Contact Person - Dr. Ron L. Hamberg**

The Program combines interdisciplinary studies with community college requirements - students receive grades and credits for traditional courses - but they meet in one large class led by instructors from different disciplines. This enables a team of faculty and students to come together as a learning community to study important issues and concerns. The Program includes lectures, guests, field trips, seminars, and workshops.

ENHANCING THE ACADEMIC PROGRAM THROUGH CO-SPONSORED TV PROJECTS

**Palm Beach Community College
4200 Congress Avenue
Lake Worth, FL 33461
(407) 439-8078
President - Edward M. Eissey
Contact Person - Patricia A. Dyer**

The College and the area cable television company share facilities and equipment for the mutual benefit of both. Twice a month shows are taped for the local access channel. The tapes become part of the College's video collection and can be used in part or totally in the instructional program.

EXTENDED LEARNING

**Niagara County Community College
3111 Saunders Settlement Road
Sanborn, NY 14132
(716) 731-3271
President - Gerald L. Miller
Contact Person - Ralph L. Kllicker**

The Extended Learning Program improves the level of instruction for courses across the College. It combines collaborative efforts between the College and local secondary schools, linkages between business/industry/government and the College. The Program also addresses a special student population and includes innovative teaching/learning approaches.

GUARANTEED EVENING PROGRAM

**Kellogg Community College
450 North Avenue
Battle Creek, MI 49016
(616) 965-3931
President - Dr. Paul Ohm
Contact Person - Carole L. Edmonds**

To expand its commitment to part-time students who work full time during the day, the College developed a Guaranteed Evening Program for students in Liberal Arts, Elementary Education, Business Management, and Computer Information Systems - Software Applications. A four-year schedule of classes which are guaranteed to be offered and to run has been provided to students.

INNOVATION INSTITUTE

**Stark Technical College
6200 Frank Avenue, N W
Canton, OH 44720
(216) 494-6170
President - John McGrath
Contact Person - Art Moyer**

Located within the College's Center for Employee Development & Management, the Institute offers a variety of services and programs. The most popular are the innovation seminars which cover the general concept of innovation or the more specific topics of change management, new product development and "inventioneering." These programs are offered on campus on an enrollment basis or are customized and delivered off campus at the business or organization site.

JACKSONVILLE: THE INSIDE STORY

**Florida Community College At Jacksonville
101 West State Street
Jacksonville, FL 32202
(904) 633-8321
President - Dr. Charles C. Spence
Contact Person - Carol S. Miner**

This four-part video/seminar series was created by the College and Jacksonville Community Council, Inc. to help residents become better informed decision-makers and more involved in the community. Objectives include: to provide background and relevant historical information regarding current issues; to encourage participation in citizen involvement, local government, and politics; and raise the question and provide information on "How can I become involved?" Four video taped programs are used in a series on Jacksonville's civic affairs.

PACE

**Longview Community College
500 Longview Road
Lee's Summit, MO 64081
(816) 763-7777
President - Aldo W. Leker
Contact Person - Dr. Sarah Evans**

PACE was designed to enable the working adult to earn an Associate in Arts Degree in about the same amount of time required for a young person enrolled in a traditional daytime program. The courses and degree requirements are the same as those of on-campus students, but the delivery system is unique. By combining a weeknight class held at a location close to where the student lives or works, a course aired on the public broadcasting station and a once a month weekend conference on the Longview campus, the student can achieve a 12 credit hour enrollment each semester and earn an Associate Degree in five semesters.

PACE

**West Los Angeles College
4800 Freshman Drive
Culver City, CA 90230
(213) 836-7110
President - Dr. Linda Thor
Contact Person - Dr. Rodney Oakes**

PACE allows full-time working adults the opportunity to complete a 61 unit humanities degree in five semesters. The curriculum is designed to transfer to upper division programs in the California State University System and was developed in cooperation with the California State University at Dominguez Hills. Students earn 12 or 13 units each semester by attending a weekly four hour seminar, watching two hours of instructional television weekly, and by attending six to eight ten hour Saturday conferences per semester.

SPECIAL SESSIONS

**Anne Arundel Community College
101 College Parkway
Arnold, MD 21012
(301) 541-2464
President - Dr. Thomas E. Florestano
Contact Person - Charles F. Buddenhagen**

The Special Sessions Program seeks to develop traditional college offerings into instructional formats that meet the time demands of its students. The Program offers courses in a variety of formats other than three 50 minute classes per week. Included are eight week terms, accelerated classes, intersession offerings, telecourses, a weekend college, travel courses, and summer school.

MATHEMATICS / SCIENCE

BASIC CONCEPTS IN BIOLOGY: A MULTISENSORY APPROACH

**Inver Hills Community College
8445 College Trail
Inver Grove Heights, MN 55075
(612) 450-8606
President - Dr. Patrick Roche
Contact Person - Dennis J. O'mella**

This course is designed for biology students lacking the background and skills needed to succeed in introductory courses. Instruction uses a multisensory, self-paced approach. To insure that the course is not isolated from the regular curriculum, it parallels the introductory biology course.

BIOTUTORIAL-LIFE SCIENCE LEARNING CENTER

**Los Angeles Valley College
5800 Fulton Avenue
Van Nuys, CA 91401
(818) 781-1200
President - Dr. Mary Lee
Contact Person - Edward Samuels**

Biotutorial (BTL) is a multifaceted instructional design employing an interactive CPU mediated system operated on an open entry-open exit schedule. Funded under three NSF grants the program it employs has served thousands of students and contributed significantly to their academic growth, appreciation and understanding of Biology. The program, activity centered and concept oriented, is self-paced and has demonstrated value for a heterogenous body of students, including the educationally deprived.

CCRI MATH LAB

**Community College Of Rhode Island
400 East Avenue
Warwick, RI 02886-1805
(401) 825-2146
President - Edward J. Liston
Contact Persons - Judeth Crowley, Edward Madonna**

The Lab offers preparation for life-long education by encouraging students to become independent learners and to take some responsibility for the learning process. Most of the lab students develop the study habits, the attitudes, and perseverance necessary to "survive" in subsequent lecture classes. A student may start a Math Lab course any day of any week at one of the College's two permanent campuses or seven satellite locations.

CLARK TAC COMPUTER SHOW

**Clark State Community College
570 East Leffel Lane
Springfield, OH 45505
(513) 325-0691
President - Albert A. Salerno
Contact Persons - John Bailey, Kylene Bailey**

The show brings creative solutions for encouraging children to stay in math and science. Topics have included the workings of the inside of a computer. Plastic heart-shaped candy molds become computer registers and TicTac candy pieces become counters, allowing students to eat their mistakes.

COMPUTER ALGEBRA SYSTEMS WORKSHOP

**State Technical Institute At Memphis
5983 Macon Cove
Memphis, TN 38134
(901) 377-4121
President - Charles M. Temple
Contact Person - Robert O. Armstrong**

The Workshop provided an introduction to mathematics software in the form of two computer algebra system packages, MuMATH and CALC-87 (an enhancement of MuMATH) and a solver, EUREKA. Secondary mathematics teachers and State Tech faculty members participated, solving problems with the mathematical software and discussing teaching strategies based upon the software.

DEVELOPMENTAL MATHEMATICS

**St. Petersburg Junior College
2465 Drew Street
Clearwater, FL 34625
(813) 791-2400
President - Dr. Carl M. Kuttler, Jr.
Contact Person - Dr. Vilma Zalupski**

The Program is specifically designed to implement knowledge and theory of effective instructional processes. It is specifically designed to make its students responsible partners in the teaching-learning process. Instruction is individualized with programmed texts being the primary material. Also available are computer instruction, video tape review, and a booklet of practice tests.

ESSENTIALS OF MATH

**Donnelly College
608 North 18th Street
Kansas City, KS 66102
(913) 621-6070
President - Dr. John P. Murry
Contact Person - Jean Moran**

This Program is intended to develop and reinforce basic arithmetic and algebraic skills to ensure success in mathematically based careers. It involves short learning units and a demonstrated competency in each. Three levels are devoted to Arithmetic, three levels to Basic Algebra and three levels to Intermediate Algebra.

INNOVATIONS IN CHEMISTRY - HANDS-ON-LEARNING

**Cowley County Community College
125 South 2nd
Arkansas City, KS 67005
(316) 442-0430
President - Dr. Patrick Mcatee
Contact Person - Michael Watters**

The Program provides individualized instruction with a hands on approach to learning chemistry. A variety of instructional learning activities match the requirements of each learning task. The different learning styles of diverse students are emphasized.

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**INTEGRATION OF A REQUIRED MATHEMATICS LAB EXPERIENCE
INTO ELEMENTARY ALGEBRA COURSES**

**Cumberland County College
P.O. Box 517
Vineland, NJ 08360
(609) 691-8600
President - Dr. Phillip S. Phelon
Contact Person - Jack L. Lobb**

The lab requires math students to spend two additional hours in a mathematics laboratory each week. The activities of the laboratory experience stress proceeding from the concrete to the abstract and introduce students to logic and algebraic reasoning. Through the laboratory and a variety of workshops, students have more hours of interaction with the material and thus have more time to explore concepts and develop reasoning skills.

MATH COURSES THROUGH TV INNOVATIVE APPROACH

**Florida Community College At Jacksonville
101 W. State Street
Jacksonville, FL 32202
(904) 633-8322
President - Dr. Charles C. Spence
Contact Person - Carol S. Miner**

The College produces three mathematics courses: Elementary Algebra, Intermediate Algebra and College Mathematics. The latter two courses meet the requirements for an A.A. Degree. The lessons were redone on tape and the taped lessons are run each term. Copies of the lessons are available at each campus Learning Resource Center. Faculty members are available for telephone help sessions.

MATHEMATICS DEPARTMENT

**Seminole Community College
Weldon Boulevard
Sanford, FL 32773
(407) 323-1450
President - Dr. Earl Weldon
Contact Person - Bill Jordan**

The College's mathematics courses are enriched by the use of current technology to support instruction. A one credit course, Computer Applications in Calculus, is the only one of its kind in the State and has proven to be popular and profitable for calculus students. The statistics courses are routinely taught using computer software and students gain a more concrete understanding of the concepts with the use of computers. Both graphics calculators and computer programs are used in the course, "Precalculus With Trigonometry".

MATH PROGRAM

**Johnson County Community College
12345 College At Quivira
Overland Park, KS 66210-1299
(913) 469-8500
President - Dr. Charles Carlsen
Contact Person - Penny Seavertson**

The Math Program is devoted to serving the mathematics needs of more than 3,600 students each semester through its teaching, approaches to delivering instruction, sensitivity to special populations of students, articulation with other educational institutions and business connections. The focus of the Program's efforts is to provide the best educational approach for the students of varying ages, cultural backgrounds, interests and previous educational experiences who are coming to the College. Self-paced, CAI, computer integrated, computer interactive video, telecourse, late-start, sections designed for hearing impaired students, and modular courses have been incorporated to meet the needs of a changing population.

MATH TEACHERS' PARTNERSHIP

**Itawamba Community College
Hill Street
Fulton, MS 38843
(601) 862-3101
President - Dr. W. O. Benjamin
Contact Person - Dr. Billy Ray Sneed**

The College sponsors an organization which continues to have potential for serious impact upon mathematics education. The organization now consists of about sixty-five junior and senior high school teachers of mathematics who meet three times annually to discuss mutual concerns, listen to lectures delivered by university professors and plan annual mathematics tournaments for area students. The Partnership also provides for more contacts between the Mathematics Department at the College and the mathematics teachers in the district, especially the high school teachers whose students the College is interested in attracting.

REDUCING MATH ANXIETY

**Dekalb College
3251 Panthersville Road
Decatur, GA 30034-3897
(404) 244-5090
President - Dr. Marvin M. Cole
Contact Person - Virginia M. Carson**

The Program enrolls groups of students in a range of mathematics classes for college algebra, statistics, and calculus to beginning and intermediate algebra. To reduce math anxiety, group sharing, writing assignments, metacognitive problem-solving experiences, and relaxation, among other strategies are employed. Patterns of behavior, dealing with math test anxiety, and the effects of instructional styles are discussed.

SATURDAY ACADEMY

**Norwalk State Technical College
181 Richards Avenue
Norwalk, CT 06854
(203) 855-6604
President - Dr. John K. Fisher
Contact Person - Raymond Blasotti**

The Saturday Academy Program in Science, Engineering and Technology is designed to encourage and motivate selected young people, particularly those from minority and disadvantaged backgrounds, to continue their mathematics and science studies while in high school in order to prepare themselves for careers in science and mathematics, as well as applied fields such as engineering. Students are selected from 9th grade classes in area high schools. Each Saturday morning class consists of a module-lecture followed by hands-on experiments/demonstrations of the lecture material.

STATE TECH MATH BOWL FOR HIGH SCHOOLS

**State Technical Institute At Memphis
5983 Macon Cove
Memphis, TN 38134
(901) 377-4121
President - Dr. Charles M. Temple
Contact Person - Pamela K. Trlm**

State Tech Math Bowl is an annual competition for high school students. It is an effort to promote math as a recreation and to foster competition within an academic environment. The Bowl is a day-long event for high school students from all area high schools who have completed trigonometry.

PHYSICAL FITNESS

COLUMBIA COLLEGE LIFETIME FITNESS

**Columbia College
P.O. Box 1849
Columbia, CA 95310
(209) 533-5140
President - W. Dean Cunningham
Contact Person - Ray Liedlich**

The Lifetime Fitness Program offers the community a program of health and wellness with a primary emphasis upon a constant and deliberate effort to help its participants in their quest to stay healthy and achieve the highest potential for total well-being. The primary objective of the Program is to improve the cardiovascular fitness of participants by removing and/or reducing the risk factors associated with coronary heart disease with emphasis on activity levels, lipid controls, cigarette smoking and obesity.

FITNESS INSTRUCTOR

**Elgin Community College
1700 Spartan Drive
Elgin, IL 60123
(312) 697-1000
President - Dr. Paul Heath
Contact Person - Donna Newberg**

The Program has two levels: Level I is an introduction to the biological functions and sciences as they apply to fitness with practical application for injury prevention and health screening; Level II completes the biological functions of exercise with study of the cardiovascular system. It also teaches instructor responsibilities as they apply to class structure, technique, and legal aspects of a fitness program.

HANDICAPPED FITNESS PROGRAM

**Valencia Community College
P.O. Box 3028
Orlando, FL 32802
(407) 299-5000
President - Paul R. Gianini, Jr.
Contact Person - Judy Jones**

The Program serves over forty people each semester seeking to build fitness levels in order to work an eight hour day or retirees hoping to enjoy better home and social life. Highly specialized equipment is used including aerobic training equipment. Fitness programs are custom designed for the disabled.

PHYSICAL FITNESS ASSESSMENT AND SUPER CIRCUIT TRAINING

**Ventura College
4667 Telegraph Road
Ventura, CA 93003
(805) 654-6400
President - Dr. Robert W. Long
Contact Persons - Jerry Dunlap, Steve Tobias**

This fitness course offers each student: a complete (entry level) physical fitness assessment; an individualized exercise prescription; professional fitness instruction (14 weeks); and a complete (exit level) physical fitness assessment with computerized, comparative analysis. Each student is given an exercise prescription based upon the testing results. Scheduled into the fitness center for a minimum of 3 hours a week, each student is instructed in basic fitness concepts, proper use of exercise equipment, and muscle anatomy.

RECREATION: TENNIS TEACHING

**Tyler Junior College
P.O. Box 9020
Tyler, TX 75701
(214) 521-2200
President - Dr. Raymond M. Hawkins
Contact Person - Steve Smith**

This Program provides a two-year course to train students in tennis teaching, planning programs for tennis facilities, merchandising and operating pro shops and care and maintenance of tennis facilities. In addition, students are trained and prepared for certification testing upon completion of the course. Students spend approximately 15 hours a week working in tennis related programs.

WELLNESS WORKS

**Walla Walla Community College
500 Tausick Way
Walla Walla, WA 99362
(509) 527-4289
President - Dr. Steven Vanausdle
Contact Person - Dr. Joe Rich**

The College has joined the growing trend of promoting health and wellness at the worksite with the establishment of a wellness program for its employees. Wellness Works is designed to meet the perceived and assessed needs of employees. The main focus of the Program is on the reduction of risk factors associated with the leading causes of disability and death.

SENIOR CITIZENS

CENTER FOR NEW PERSPECTIVES

**Indian River Community College
3209 Virginia Avenue
Fort Pierce, FL 34954
(407) 468-4702
President - Dr. Edwin R. Massey
Contact Person - Dr. John W. Mulr**

The CNP is a multi-purpose organization. One of its major goals is to provide programs designed to address the specific needs and desires of the retirement community, and to assist people who are planning for retirement and those who are already retired with informational services. The Center seeks to enhance the quality of retirement life and to make retirees aware of all the opportunities available. One aspect of the Program is a wide variety of academic courses leading to a degree.

EMERITUS INSTITUTE

**Saddleback College
28000 Marguerite Parkway
Mission Viejo, CA 92692
(714) 582-4720
President - Constance M. Carroll
Contact Person - Kathie O'C. Hodge**

The Emeritus Institute was established in 1976 in response to the expressed needs from various community groups for educational courses for older adults. The Institute offers rigorous academic courses designed to meet the needs of the senior community. It is comprised of academic courses offered in the community allowing for easy access.

GOLD-GOLDEN OPPORTUNITIES FOR LIFELONG DEVELOPMENT

**Florida Community College At Jacksonville
501 W. State Street
Jacksonville, FL 32202
(904) 633-8134
President - Dr. Charles Spence
Contact Person - Edythe M. Abdullah**

GOLD is designed to provide intellectual stimulation, life enrichment activities and vocational development opportunities for senior citizens. It provides credit and non-credit classes, support groups, travel seminars, special events and public and national issues forums for persons 55 and older. The cooperative efforts of the College and area agencies and businesses make it possible to offer courses in approximately 100 different locations including schools, churches, senior centers, nursing homes, and apartment complexes.

INSTITUTE OF LIFETIME LEARNING

**Cowley County Community College
125 South Second
Arkansas City, KS 67005
(314) 442-0430
President - Dr. Patrick J. Mcatee
contact Person - Mary M. Williams**

The Institute provides seven or eight classes each semester as well as nine bus trips for senior citizens. A newsletter is published with a schedule of activities. Faculty consists of retired persons, community leaders, and the College's own faculty.

SENIOR COMPANION TRAINING

**Miami-Dade Community College
11011 Sw 104th Street
Miami, FL 33176
(305) 347-2245**

**President - Dr. Robert H. McCabe
Contact Person - Bernadine Smith**

The purpose of the Program is to help train individuals to assist older adults who choose to continue to live in their own residences. Through a Senior Companion's care, the elderly have the opportunity to maintain self-directed lives. A certificate is awarded at the completion of this Program.

SENIORS

**Holyoke Community College
303 Homestead Avenue
Holyoke, MA 01040
(413) 538-7000**

**President - David M. Bartley
Contact Person - Jean Goodwin**

The College has developed three successful programs for senior citizens: "A Taste of College" is an outreach program which enables seniors to sample the college experience by participating in a one-day program. As a result of "A Taste of College," 50 to 60 senior citizens enroll through "Senior Class" in one or more courses each semester. "Senior Summer Class" is a week-long program providing addresses each day on a variety of instructional topics including computers, the environment, and government.

SERVICES TO THE AGING

**Connors State College
Route 1, Box 1000
Warner OK 74469
(918) 463-2931**

**President - Dr. Carl O. Westbrook
Contact Person - Billie Frazier**

Services to the Aging curriculum has a pragmatic approach. The students are instructed in Gerontology and how to use this knowledge in the delivery of services to older people. Students are required to complete a six credit hour course doing an externship; therefore, they work with the elderly in business, government and by direct contact.

TECHNICAL

AGRICULTURE

**Black Hawk College
P.O. Box 489
Kewanee, IL 61443
(309) 852-5671**

**President - Dr. Charles O. Warthen
Contact Person - Gary Pheiffer**

The Agriculture Program offers a variety of career and transfer curricula including the areas of Agriculture Production, Agri-Business, Agriculture Transfer, Horse Science Technology and Equestrian Science.

AGRICULTURE-INDUSTRY COOPERATIVE DEVELOPMENT

**Kings River Community College
995 N. Reed
Reedley, CA 93854
(209) 638-3641**

**President - Abel Sykes Jr.
Contact Person - Terry Kershaw**

The Agriculture-Industry Cooperative Development is a partnership between industry and education formed between local agri-business companies and the College. The plan involves the acreage being developed (soil preparation, planting, training, harvesting etc.) and farmed at no cost to the institution while students benefit from the new crop systems. This agreement provides hands-on training for the students through modern farming operations on a commercial scale.

AGROECOLOGY

**Northcentral Technical College
1000 Campus Drive
Wausau, WI 54401-1899
(715) 675-3331**

**President - Dr. Donald L. Hagen
Contact Person - Dr. Ken Mills**

agroecology is a new approach to gardening and farming that uses methods that are environmentally sound, efficient, and profitable. The Program trains people for jobs in farm, horticulture, or greenhouse operations. Emphasis throughout the course is on chemical-free growing methods for field vegetables and specialty crops.

APPRENTICESHIP

Mississippi Gulf Coast Community College
P.O. Box 67
Perkinston, MS 39573
(601) 928-5211
President - Dr. Barry L. Mellinger
Contact Person - Dr. Bobby S. Garvin

The Program includes over four hundred apprentices from Ingall Shipbuilding receiving training for college credit. The employees are enrolled for on-the-job and related apprenticeship training in ten craft areas. Credit is applicable to the Associate Degree in Occupational Education.

APPRENTICE FEEDER

Trident Technical College
P.O. Box 10367
Charleston, SC 29411
(803) 572-6111
President - Dr. Charles W. Branch
Contact Person - Sue Ruth

The Charleston Naval Shipyard and Trident Technical College have established a new method of cooperative education which makes Trident the feeder for the Shipyard's apprentice program. The new Co-op program was set up under the Office of Personnel Management (OPM) regulations in Washington, DC in order to enhance the quality and quantity of students entering Shipyard career fields. By creating an apprentice feed Co-op program with Trident, the Shipyard utilizes the College's classroom and lab training to eliminate at least one year of their previously structured four-year apprentice program.

ARCH MAINTENANCE TRAINING

Southeast Community College
Cumberland, KY 40823
(606) 589-2145
President - Dr. Bruce Ayers
Contact Persons - Jerry Vermillion, Johnny Woodward

Arch Minerals of Kentucky has chosen the Mining Technology Program at Southeast Community College to develop and implement a formal training program for the company's maintenance repair personnel. It is being conducted in cooperation with the Southeast Community College Office of Continuing Education with the goal being the creation of a solid foundation in electricity, hydraulics, and mechanics for Arch personnel. Topics of training include the following: Surface and Underground DC Theory and Application; AC Theory and Application; Electrical Circuits and Equipment; Underground Permissibility; Underground Law; National Electrical Code; and Electrical Recertification.

ARCHITECTURAL-RESIDENTIAL DESIGN

**Northcentral Technical College
1000 Campus Drive
Wausau, WI 54401-1899
(715) 675-3331
President - Dr. Donald L. Hagen
Contact Person - Dr. Ken Mills**

The Program trains people for a variety of jobs in the building industry, including designer, drafter, and estimator. Among the topics covered are principles of residential design; material characteristics and applications; and structural, mechanical, and electrical concepts.

AUTOMATIC TECHNOLOGY

**North Hennepin Community College
7411 85th Avenue North
Brooklyn Park, MN 55445
(612) 424-0811
President - Dr. John F. Halling
Contact Person - Jan Weiss**

This Program is offered jointly by the College and Hennepin Technical Institute in cooperation with the Ford Motor Company. Students alternate coursework and an internship in a sponsoring Ford dealership over twelve week blocks of time. General education courses are offered at North Hennepin and technical courses at the Institute.

AUTOMOBILE DEALERSHIP BUSINESS MANAGEMENT

**John Tyler Community College
Chester, VA 23831
(804) 796-4111
President - Dr. Freddie W. Nicholas, Sr.
Contact Person - Gregory A. Longacre**

The Program is based upon a series of seven specialized courses representing a central core of courses to be used by a person to become an automobile dealership manager. In the curriculum, the potential manager learns about the operation of various departments (new vehicle, used vehicle, service, and parts), studies general management theory and practice, and learns about accounting and finance principles. The primary target audience is automobile salespeople, auto parts and service personnel, and office staff who are already working for an auto dealership.

AUTOMOTIVE TECHNOLOGY

**Des Moines Area Community College
2006 South Ankeny Blvd.
Ankeny, IA 50021
(515) 964-6364
President - Dr. Joseph Borgen
Contact Person - Chuck McFarlin**

The Program offers several options. These include a one year diploma in Auto Service, a two year AAS Degree in Automotive Technology, a two year cooperative program with General Motors (Automotive Service Educational Program), and numerous update classes for technicians working in the trade. All credit options include a core curriculum as well as technically current automotive courses.

AUTOMOTIVE TECHNICIAN EDUCATIONAL COOPERATIVE

**San Juan College
4601 College Boulevard
Farmington, NM 87401
(505) 326-3311
President - Dr. James D. Henderson
Contact Person - Frank Renz**

The Program is designed after a model program developed by General Motors for the Automotive Service Educational Program and offered in partnerships with community colleges. The Program is an expansion to include information on a variety of automobiles other than General Motors products. It is a two-year Associate of Applied Science Degree Program with a rotation system that requires the student to spend eight weeks in the classroom, followed by eight weeks at a sponsoring dealership or automotive repair facility each semester.

AVIATION

**San Diego Mesa College
7250 Mesa College Drive
San Diego, CA 92111
(619) 560-2729
President - Dr. Allen Brooks
Contact Person - Donald E. Taylor**

The Program prepares students for careers as pilots, air traffic controllers and managers. Close ties are maintained with the aviation industry. Many of the Program's instructors are active flight instructors. A large variety of training aids are used to provide instruction for students. Video-tapes are used to figuratively take the student out of the classroom and into the aviation environment.

CABINET MAKING

**Olney Central College
305 North West Street
Olney, IL 62450
(618) 395-4351**

**President - Dr. Stephen Kridelbaugh
Contact Person - David Rowlette**

The purpose of the Program is to prepare skilled craftsmen for rewarding careers in the woodworking industry. The Program provides "hands-on" learning experiences which are designed to develop the technical skills and competencies which are necessary for graduates of the Program to seek employment. Upon completing the curriculum, a cabinet making student is awarded the Associate in Applied Science Degree.

CENTER FOR URBAN AGRIBUSINESS

**Miami-Dade Community College
11011 SW 104th Street
Miami, Florida 33176
(305) 347-2245**

**President - Dr. Robert H. McCabe
Contact Person - Robert Pope**

The Center has three primary goals: to give individuals the requisite professional training to enter agribusiness or horticulturally related professions such as nursery management, landscape design, interiorscaping, and horticulture therapy; to provide updating of technical skills for persons currently employed in the industry via workshops, short courses, and seminars; and to disseminate information on agriculturally related career opportunities to children via teacher workshops.

CENTER OF EMPHASIS IN COMPUTER BASED AND CLASSICAL INSTRUMENTATION

**Nashville State Technical Institute
120 White Bridge Road
Nashville, TN 37209
(615) 353-3333**

**President - Dr. Richard M. Turner, III
Contact Person - Dr. Ellen J. Weed**

The Center develops and teaches vendor-specific courses in instrumentation and process control to local industrial employees. It serves as a partnership with employers for training and retraining, and initiates activities with vocational programs in the local school system. It has provided faculty with hands-on training and experience in the development of competency based training modules based on comprehensive needs and task analyses.

CHEMICAL ENGINEERING TECHNOLOGY

**Kansas College Of Technology
2409 Scanlan Avenue
Salina, KS 67401
(913) 825-0275**

**President - Dr. Anthony Tilmans
Contact Persons - Dr. Loren Riblett, Sr., Max Shepard**

The curriculum includes the following industrial related courses: Unit Operations I & II, Material and Energy Balances, Chemical Reaction Kinetics, Instrumentation and Control, Industrial Processes, Process Design Lab and Plant Engineering Technology. Each is taught with a heavy emphasis on the laboratory approach. An internship program with industry is included.

COLLEGE AND UNIVERSITY OPTIONS

**Erie Community College
121 Ellcott Street
Buffalo, NY 14203-2801
(716) 842-2770**

**President - Dr. Louis M. Ricci
Contact Person - Dr. John D. Rydzik**

This collaborative educational program enables Ford employees with journeyman status credentials to receive degree credits for prior work experience and related training. Their occupational competencies are evaluated by the College's appropriate faculty and staff, resulting in thirty degree credits being awarded to the journeymen employees enrolled in the College's Industrial Technology, Associate in Occupational Studies Degree, which is specifically designed for employees of industrial companies. This curriculum has given industrial workers the opportunity to upgrade their skills and earn an associate degree while employed.

CONSTRUCTION ELECTRICIAN RETRAINING

**Moralne Valley Community College
10900 South 88 Avenue
Palos Hills, IL 60465
(312) 974-5350**

**President - Dr. Fred Gaskin
Contact Person - Dr. James Adduci**

The Program consists of a review of math and reading skills, each with two levels, one level for those students who need to review the material and the second level for those who need an in-depth approach. An applications course has also been developed to relate the basic math and reading skills to the apprenticeship courses. The retraining program includes a course with an emphasis on skills such as time management techniques, notetaking and test-taking techniques, listening, and attitude modification.

CONSTRUCTION TECHNOLOGY

**South Suburban College
15800 South State Street
South Holland, IL 60473
(312) 596-2000
President - Dr. Richard W. Fonte
Contact Person - Dr. Commodore Craft**

The Program affords students the opportunity to rehab abandoned buildings. Rehabbed building are then sold with profits used as "seed money" for program expansion. Local business has cooperated by donating needed materials.

COOPERATIVE APPRENTICESHIP

**Orangeburg-Calhoun Technical College
3250 St. Matthews Road
Orangeburg, SC 29115
(803) 536-0311
President - M. Rudy Groomes
Contact Person - Keith Blanton**

The Programs serve to meet the need for skilled laborers in the areas of industrial maintenance, maintenance electricians, and tool and die makers. They are collaborative efforts among the College and area industry. Participants in each of the programs complete 2000 hours per year of shop floor training, based on the established shop floor curriculum.

DRAFTING AND DESIGN TECHNOLOGY

**Walker State Technical College
P.O. Drawer K
Sumiton, AL 35148
(205) 648-3271
President - Dr. Harold Wade
Contact Person - Dr. Harold Wade**

The Program includes several diverse fields of drafting: machine and mechanical drafting, structural, piping, architectural, and computer-aided drafting. An Associate in Science Degree is offered to those students who complete required academic courses as they pursue their drafting training. The required curriculum for an Associate Degree enables the student to quickly adapt from the classroom to his/her place in industry with a strong possibility of advancing as experience is acquired.

DRAFTING-MARINE

**Northeast Wisconsin Technical College
P.O. Box 200
229 N. 14th Avenue
Sturgeon Bay, WI 54235
(414) 743-2207
President - Patricia Hyland
Contact Person - Karl Radosevich**

Drafting-Marine provides educational experiences and skill development for individuals preparing to enter careers in drafting as it is related to the maritime construction industry. Students are taught to make and interpret drawings of structural and mechanical features of ships and other marine structures and equipment, as well as to develop detailed drawings and specifications used in fabrication and construction of ship hulls and related assemblies.

ELECTRICAL/ELECTRONICS ENGINEERING TECHNOLOGY

**Kent State University
University Drive N.E.
New Philadelphia, OH 44663
(216) 339-3391
President - Dr. Michael Schwartz
Contact Person - Harold Shade**

The Program features collaborative relationships with area industry. Required is a student project constructed for each of the electronics courses using concepts and techniques of the courses. Computer-based courseware is used for several courses.

ELECTRONIC INSTRUMENTATION TECHNOLOGY

**Orangeburg-Calhoun Technical College
3250 St. Matthews ROAD
Orangeburg, SC 29115
(803) 536-0311
President - Marlon K. Groomes
Contact Person - John A. Smoak**

The Program identifies students who are enrolled in the Electronic Instrumentation Technology curriculum who have the potential and desire to work in the nuclear power industry. This Program affords the student the opportunity to become involved in the operation of a nuclear power facility. The students are involved at South Carolina Electric and Gas (SCE&G) for two academic quarters.

ELECTRONIC TECHNOLOGY

**Reading Area Community College
10 South 2nd Street
P.O. Box 1706
Reading, PA 19603
(215) 372-4721
President - Dr. Gust Zogas
Contact Person - Fred Weinhold**

This Curriculum is designed to prepare students for employment as electronics technicians. The Curriculum applies theoretical circuitry and practical industrial/commercial requirements in the areas of analog and digital circuits, electronic communications, microprocessor, solid state devices, and automation electronics. Laboratory equipment is designed to develop students' electronic testing, troubleshooting, and circuit analyzation techniques and skills.

ENGINEERING DESIGN TECHNOLOGY

**Central Virginia Community College
3506 Wards Road
Lynchburg, VA 24502
(804) 388-4500
President - Dr. J.E. Merritt
Contact Person - Dr. Roger W. Beeker**

The Program is a four-year integrated curriculum in which the first two years are accomplished in high school and the second two years at the College. The curriculum provides instruction for entry level skills identified as needed by fifteen of the major employers in the greater area. The curriculum also provides a solid foundation for those wishing to transfer to earn a four year baccalaureate degree in engineering technology.

FARM RANCH MANAGEMENT

**Morgan Community College
17800 Road 20
Fort Morgan, CO 80701
(303) 867-3081
President - Dr. Harold Deselms
Contact Persons - Dr. Thomas Henry, Maggie Goodwin**

The Program and classes are delivered on-site using instructors who provide one-on-one instruction in farm and ranch management with emphasis on Enterprize Analysis. The Program is systematic and constructed on a three-year study period. Emphasis is also focused on marketing, and planning, organizing, directing and evaluating the total operation.

FARMERS' RETURN ON INVESTMENT

**Lincoln Land Community College
Shepherd Road
Springfield, IL 62794-9256
(217) 788-2268
President - Dr. William D. Law
Contact Person - Dr. Desna L. Wallin**

The Program assists the College's district agricultural population in two ways: by providing adult re-entry support and tuition waivers in college courses for farmers forced out of farming; and by delivering agricultural workshops and seminars to improve the financial effectiveness of current farmers. Displaced farmers are directed to the College for vocational assessment and retraining. Workshops and seminars are included.

FARRIER

**Walla Walla Community College
500 Tausick Way
Walla Walla, WA 99362
(509) 527-4289
President - Dr. Steven Van Ausdie
Contact Person - Dr. Joe Rich**

The goal of the Program is to train students to a journeyman level of knowledge and competence, rather than merely offer entry-level skills. The one-year Program begins in late September and ends the first week in June. Students attend classes from 7 a.m. to 1 p.m. each day. This six-hour session includes lectures, forge work, and shoeing live horses.

THE FASHION INDUSTRY TRAINING SCHEME

**Miami-Dade Community College
11011 Sw 104th Street
Miami, FL 33176
(305) 347-2245
President - Dr. Robert H. McCabe
Contact Person - Rudy Williams**

The Scheme is a year-long program providing the student with real-world, on-the-job training. The settings for the training are in the FITS Apparel Manufacturing Training Center and the FITS Retail Apparel Training Center in the Fashion Department of Miami-Dade. Each of the retailing and manufacturing training options is divided into three separate, ten credit courses. Each course stresses various learning activities that represent all phases of the individual retailing or manufacturing organization.

FILM PRODUCTION TECHNOLOGY

**Valencia Community College
P.O. Box 3028
Orlando, FL 32802
(407) 299-5000
President - Dr. Paul Gianini
Contact Person - Qurentia Throm**

This Program is a partnership with Walt Disney/MGM Studios to train students for employment as film production technicians. Training includes: grip, electrical, sound, set construction, and camera. Students include: people in related fields seeking enhanced skills, technical theatre students, and Disney personnel in related fields.

FIRE PROTECTION

**Chemeketa Community College
4000 Lancaster Drive Ne
P.O. Box 14007
Salem, OR 97309
(503) 399-5163
President - Bill Segura
Contact Person - Brian Bay**

The Program is multi-facted and competency based. In addition to Associate Degree Programs in Fire Suppression and Fire Prevention, the College offers short term training to volunteer and career fire fighters. Course delivery is designed to meet the needs of the diverse student population and is offered days, evenings, weekends and in an academy format.

FORD ASSET

**Middlesex County College
155 Mill Road
Edison, NJ 08818
(201) 548-6000
President - Dr. Flora Mancuso Edwards
Contact Person - Fred A. Barfoot**

ASSET (Automotive Student Service Educational Training) is a full-time program leading to an Associate of Applied Science Degree in Automotive Technology. The Ford Motor Company, area Ford/Lincoln/Mercury dealerships, the Ford Edison Assembly plant, Middlesex County College and Middlesex County Vocational and Technical Schools have developed this program that combines classroom instruction at Middlesex County College, skills training in a specially equipped laboratory at the Ford plant and period of cooperative education work experience at a dealership.

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FORESTRY-CALIFORNIA CONSERVATION CORP. PARTNERSHIP

**Kings River Community College
995 N. Reed
Reedley, CA 93654
(209) 638-3641
President - Dr. Abel Sykes Jr.
Contact Person - Terry Kershaw**

The Kings River College Forestry Department and the California Conservation Corps. (C.C.C.) have entered a partnership to provide services for a non-traditional student population. The College offers a program involving the coordination and instruction of 25 short courses mandated by the C.C.C. as part of the educational activities. The classes taught cover the areas of fire science, career planning, and conservation awareness.

FURNITURE TECHNOLOGY

**Catawba Valley Community College
Route 3, Box 283
Hickory, NC 28602
(704) 327-9124
President - Dr. Cuyler A. Dunbar
Contact Person - Kenneth Eckard**

The Furniture Division offers training opportunities to students enrolled in the College's Furniture Design and Development, Furniture Production Management, Upholstering, and Upholstery Cutting and Sewing programs. The Division, not only features classes in the fundamentals of product development and manufacturing, it also provides the production of case goods and upholstered furniture. The CVCC furniture lab is a small-scale factory in itself, complete with the latest computerized equipment that has recently become a vital part of furniture design and manufacturing.

GENERAL MOTORS' AUTOMOTIVE SERVICE EDUCATIONAL PROGRAM

**Bessemer State Technical College
P.O. Box 308
Bessemer, AL 35021
(205) 428-6391
President - Dr. W. Michael Bailey
Contact Person - Charles Murray**

Students alternate between full-time classes for several weeks and co-op work experience at their sponsoring GM dealership. Upon completion of the program students receive their Associate Degree, and begin full-time employment with their GM sponsor. The program is an example of instructors working with business and industry to meet specific employment needs.

HEAT PUMP SKILLS CENTER

**Montgomery Community College
P.O. Box 787
Troy, NC 27371
(919) 572-3691
President - Dr. Benny B. Hampton
Contact Person - Bruce T. Turner**

The Center is a collaborative effort among: The North Carolina Alternative Energy Corporation, Duke Power Company, Carolina Power and Light Company, private HVAC contractors, HVAC manufacturers, HVAC distributors and the College. Experienced field service technicians from throughout North Carolina are tested for placement and assembled on the campus for one week of intensive training concentrating on either electrical or refrigerant components of heat pumps.

HEAVY EQUIPMENT OPERATION

**Washington County Vocational Technical Institute
River Road
Calais, ME 04619
(207) 454-2144
President - Ronald P. Renaud
Contact Person - Joseph S. Krug**

This one-year Program prepares students for entry-level operating skills in the construction trade operating bulldozers, trucks, pay-loaders, back-hoes, graders and excavators. It covers a variety of material directly relating to the operation of equipment such as, but not limited to, operating safety, first aid, math, grade work, road construction plans, rigging, cutting, welding, drive train preventative maintenance and engine preventative maintenance. Each student has the opportunity to train and test for Class I and II truck driving licensing.

AN INTERNATIONAL PROGRAM IN PAINTING AND DECORATING

**Asheville-Buncombe Technical Community College
340 Victoria Road
Asheville, NC 28801
(704) 254-1921
President - Harvey L. Haynes
Contact Person - Sara M. Morris**

The Program is a three-year curriculum including one year of theory, followed by one year on-the-job, and a final year combining theory and site experiences. Students learn to prepare surfaces, study paint composition and systems, build scaffolding, and practice different applications. As restoration painters, students work with all building materials from plaster to plastic.

INTRODUCTION OF CAD

**Lakeland Community College
1-90 & Route 306
Mentor, OH 44060
(216) 953-7086
President- Dr. Ralph R. Doty
Contact Person - Dr. Emlin Turker**

The Program provides a solid curriculum of CAD/CAM which includes an Advanced CAD, 3D-Modeling, Computer Aided Product Design and Computer Aided CNC with down loading capabilities. Forty-eight complete stations with plotters and printers are manned by two full-time instructors, two technicians and six part-time instructors. By the Winter of 1989, the CAD Program had been offered to approximately 900 students.

JEWELRY TECHNOLOGIES

**Paris Junior College
2400 Clarksville Street
Paris, TX 75460
(214) 785-7661
President - Bobby Walters
Contact Person - Vicki Oglesby**

The Program consists of three instructional areas: jewelry, horology, and gemology. Standards of quality and craftsmanship required of all students are established by an advisory committee composed of jewelry wholesalers, retailers, and manufacturers. Associate degree students complete a minimum of fifteen semester hours of general education including History, Government, Speech, English, and college level Mathematics. A certificate program is also offered.

JOHN DEERE AG TECHNOLOGY

**Southeast Community College
Rr #2, Box D
Milford, NE 68405
(402) 761-2131
President - Dr. Thomas C. Stone
Contact Person - John Marsh**

The Program is the result of a three way education/industry linkage between the College, John Deer Co. and the sponsoring John Deere Dealers. The seven quarter Associate of Applied Science Program is provided by the College with support from the two industry partners. Sponsoring dealers employ the students prior to the beginning of their formal education and during each of the three cooperative education quarters. The students rotate on a quarterly basis between on-campus classes and cooperative work experience in their sponsoring dealership.

JOINT ELECTRONICS

**Treasure Valley Community College
650 College Boulevard
Ontario, OR 97914
(503) 889-6493
President - Dr. Glenn E. Mayle
Contact Person - Dr. Ed J. Muraski**

This Program is offered with a State University across the state border and in cooperation with the local high schools. The Program is open to juniors and seniors in high schools in the area. It provides the opportunity to investigate the field of electronics and gain sufficient skills for a start in the electronics field.

LANDSCAPE GARDENING

**Sandhills Community College
2200 Airport Road
Pinehurst, NC 28374
(919) 692-6185
President - Raymond A. Stone
Contact Person - Frederick W. Garrett**

The Program, a two-year curriculum, emphasizes practical field training. Students are assigned periodic intervals of management responsibility whereby each resides in the living quarters of the landscape gardening building, managing the greenhouses and other assigned projects. The curriculum includes study and practical application in plant propagation, greenhouse crops, turf management, plant identification, arboriculture, diseases and pests of plants, landscape planning and maintenance, and repair of small equipment.

LASER TECHNICIAN

**Northcentral Technical College
1000 Campus Drive
Wausau, WI 54401-1899
(715) 675-3331
President - Dr. Donald L. Hagen
Contact Person - Dr. Ken Mills**

The Program trains people for jobs in industry, research, and medicine. In addition to learning how to operate, maintain, and repair laser equipment, students are taught to use instruments and analyze test data for use by scientists or engineering personnel. An off-campus Industrial Application Center allows students to help with developmental work supplied by local companies.

LIGHTWAVE ENGINEERING TECHNOLOGY

**Reading Area Community College
10 South 2nd Street
P.O. Box 1706
Reading, PA 19603
(215) 372-4721
President - Dr. Gust Zogas
Contact Person - Fred Weinhold**

The Program is designed to prepare students for employment as technicians utilizing laser, infrared, and other lightwave fiber optic cable technology. Graduating students may seek employment as: laser measurement, laser and fiber industrial material processing, medical, military, and telephony communication fiber optic technicians. The laboratory equipment is designed to develop students' electronic testing, troubleshooting, and circuit analyzation techniques on photonic equipment.

MACHINE TOOL TECHNOLOGY

**El Camino College
16007 Crenshaw Boulevard
Torrance, CA 90506
(213) 532-3670
President - Dr. Sam Schauerman, Jr.
Contact Person - Dr. Susan Cotler**

The Program has the dual objectives of preparing students for gainful employment as machinists or numerical control programmers and the skills upgrading of currently employed industrial workers. In addition, the special needs of the Program's sizeable number of Limited English Proficient (LEP) students have been taken into account. The Machine Tool Technology curriculum has been developed to favor "hands on" experiences for Program students.

MACHINIST TECHNOLOGY

**Surry Community College
P.O. Box 304
Dobson, NC 27017
(919) 386-8121
President - Swanson Richards
Contact Person - John K. Collins**

Training experiences are structured in a step by step progression to enable the student to have a variety of options for different training levels. This provides the opportunity to take employment at an entry level job, work for a period, then return to complete training. Certificates are awarded to those taking employment after one or two quarters of training, while a vocational diploma is awarded for the traditional one year of training.

MEDIA INSTITUTE IN PHOTOGRAPHY

**Lansing Community College
P.O. Box 40010
Lansing, MI 48901-7210
(517) 483-1851
President - Dr. Phillip J. Gannon
Contact Person - Dr. Glenn Rand**

The Program trains professionals in photography. It provides a pathway and preparation for a job in the field of photography. Additionally, the Institute has a direct transfer pathway to Rochester Institute of Technology, Brooks Institute and the Center for Creative Studies.

NASA - TNCC COOPERATIVE EDUCATION

**Thomas Nelson Community College
P.O. Box 9407
Hampton, VA 23670
(804) 825-2952
President - Robert G. Templin, Jr.
Contact Person - Charles Sleracki**

This cooperative arrangement between NASA and the College involves three major programs: Office Systems Technology, Electronic Technology, and Mechanical Technology. At any given time, approximately 70 Thomas Nelson students work half of the day at NASA and attend class the other half in pursuit of an AAS degree. The long-term benefits are that students in the program have excellent opportunity for permanent employment at the research center, and NASA is assured of having a well-trained labor force to draw from.

NATURAL RESOURCES MANAGEMENT TECHNOLOGY

**Sumter Area Technical College
506 North Gulgnard Drive
Sumter, SC 29150
(803) 778-1961
President - Dr. Herbert H. Robbins
Contact Person - Dr. Robert H. Sandel**

The Curriculum is designed to prepare the student for careers in an expanding field and provides a broad basic background in the natural resource sciences. This is achieved through a balance between classroom and outdoor learning activities. Emphasis is placed on maintaining good wildlife habitat. The graduates have skills in the proper use, development, conservation, and management of farm lands, wetlands, and woodlands.

NEWMONT GOLD PARTNERSHIP

**Northern Nevada Community College
901 Elm Street
Elko, NV 89801
(702) 738-8493
President - Dr. William J. Berg
Contact Person - Dr. Charles Greenhaw**

The Program is a partnership with the largest gold mining company in the State. Training is provided to entry-level employees. Courses in shop practices, welding, hydraulics, reading/writing, shop math, and computer literacy are offered.

OPEN-ENTRY, OPEN-EXIT INDUSTRIAL TRADES

**Kellogg Community College
450 North Avenue
Battle Creek, MI 49016
(616) 965-3931
President - Dr. Paul Ohm
Contact Person - Dennis Bona**

Individualized, competency-based instruction is available in a number of industrial trades including: Plumbing/Pipe Fitting and Welding. To meet the needs of students and industry, the Program also features flexible scheduling, and persons may enroll at any time during the year. In addition, persons may be given credit for previously learned skills.

ORNAMENTAL HORTICULTURE

**Bessemer State Technical College
P.O. Box 308
Bessemer, AL 35021
(205) 428-6391
President - Dr. W. Michael Bailey
Contact Persons - Ed Blake, Fred Kapp**

The Ornamental Horticulture Program is an associate degree program that combines up-to-date theory with extensive hands-on training. Theory courses range from Horticulture Science, Greenhouse Production to Technical Landscaping. Students apply the theory in two modern greenhouses and on the 50-acre campus which is being developed as an arboretum.

PHOTOGRAPHIC TECHNOLOGIES

**Daytona Beach Community College
P.O. Box 1111
Daytona Beach, FL 32015
(904) 255-8131
President - Dr. Charles Polk
Contact Persons - Don Bruening, Patrick Vandusen**

The Photographic Technology Program is a professionally oriented 2 year program (4 semesters plus 2 summers) with links to both the fine art and professional communities. Its curriculum places heavy emphasis on problem solving within actual assignment activities. Besides the required curriculum, under the auspices of the "Gallery", special workshops and lectures as well as exhibitions by well known artists and photographers who are leaders in their field are offered.

PHOTOGRAPHIC TECHNOLOGY

**Brevard Community College
1519 Clearlake Road
Cocoa, FL 32922
(407) 632-1111
President - Dr. Maxwell C. King
Contact Person - Jerome Winter**

The Program courses include twelve photography, three specifically related, and seven general education. Students earn an A.S. Degree by completing all 67 credit hours. The Program also offers a camera handling course called Photography for Non Majors. This course serves a need in the community for students who want help understanding how their cameras work and some basic design and composition instruction.

PILOT ENTRY

**Miami-Dade Community College
11011 Sw 104th Street
Miami, Florida 33176
(305) 347-2245
President - Dr. Robert H. McCabe
contact Person - Charles Glass**

The Program is a pilot training concept new to the United States called Ab Initio ("From the Beginning") Training. It is a functional partnership between Eastern Airlines and selected colleges around the country. Its purpose is to provide someone with no previous college coursework or flight training an opportunity for a defined career path as a pilot for a major airline.

**PILOT ENTRY PROGRAM COCKPIT
RESOURCE MANAGEMENT TRAINING**

**Miami-Dade Community College
11011 Sw 104th Street
Miami, Florida 33176
(305) 347-2245**

**President - Dr. Robert H. McCabe
Contact Person - Charles Glass**

This Program provides Eastern flight personnel and pilot trainees Cockpit Resource Management training. Multiple media, including videotape, written materials, seminars, group problem solving, and discussion are used in five phases of two four-hour modules each. New skills are taught on the way pilots manage human resources in the cockpit.

PNEUDRAULICS

**Palo Alto College
1400 W. Villaret
San Antonio, TX 78224
(512) 921-5170**

**President - Dr. Terry DiClanna
Contact Person - Clarence Borchardt**

Pneudraulics is a collaborative effort with Kelly Air Force Base, one of the local military installations, to train pneudraulics mechanics. The Program was developed at the request of the base, and the course work and expected outcomes were jointly developed.

PRE-PRESS

**Dekalb Technical Institute
495 North Indian Creek Drive
Clarkston, GA 30021
(404) 297-9522**

**President - Dr. Paul M. Starnes
Contact Person - Paul Davis**

The Program is based strictly on a pre-press curriculum. The courses consist of typesetting, paste-up, basic and advanced camera, basic and advanced film assembly, film composition, as well as all peripherals. Concepts of 4-color process film assembly, large press film assembly, and dry dot etching are covered.

QUALITY/PRODUCTIVITY MANAGEMENT

**State Technical Institute At Memphis
5983 Macon Cove
Memphis, Tennessee 38134
(901) 377-4131
President - Dr. Charles M. Temple
Contact Person - Dr. Cynthia Derlemer**

The Program is responsive to the needs of industry for skilled personnel in the techniques of statistical process control, data gathering, and quality/productivity management. The College has also established a Center of Excellence in Quality/Productivity Management. This Center will academically support the efforts of a partnership the College has formed with the Memphis Area Chamber of Commerce to provide industry training in quality/productivity management techniques.

RADIO/TELEVISION BROADCASTING

**Herkimer County Community College
Reservoir Road
Herkimer, NY 13350
(315) 866-0300
President - Dr. Ronald F. Williams
Contact Person - John D. Bulls**

Technical skills and experiences in front of and behind the microphone are provided. General education courses are combined with courses in telecommunications and audio and video production. Students operate the College's cable television station and the radio studio.

SCHOOL OF DIAMOND CUTTING

**Western Nevada Community College
Carson City, NV 89703
(702) 887-3038
President - Dr. Anthony Calabro
Contact Persons - Cheryl Hong, Lorrie Gallagher**

The School of Diamond Cutting is a program which has drawn students from around the world: Brazil, China, Israel, Mexico, and Argentina--as well as many students from Nevada and other states. The School prepares students to block, cleave, cut and prepare diamonds. Students learn the cutting and repairing of diamonds, and many students have used their skills to go into the diamond cutting business or to work in wholesale and retail diamond sales.

STEP-SPECIALIZED TRAINING EDUCATION PROGRAM

**Brevard Community College
1519 Clearlake Road
Cocoa, FL 32922
(407) 632-1111
President - Dr. Maxwell C. King
Contact Person - Dr. Charles K. Colman**

This Program is a partnership between the College and an area corporation's semiconductor division. On-site needs assessment and job analysis identified the training needed. The 1000 hour knowledge segment is conducted at the corporation's plant. Trainees attend class half-day and work on the production line half-day.

TELECASTING DIVISION

**Milwaukee Area Technical College
1015 North Sixth Street
Milwaukee, WI 53203
(414) 278-6600
President - Rus F. Silcker
Contact Person - David Baule**

The Television Division offers an Associate Degree Program in Telecasting which provides training for careers in television production in open circuit broadcast, corporate production houses, closed circuit operations, advertising agencies, and independent production concerns. The students enrolled in the Program work within the confines of the two public television outlets. As a result, they receive hands-on training in a real-world environment by serving in a variety of production positions on programs which are made for local, national, and state-wide distribution.

TELECOMMUNICATION ENGINEERING TECHNOLOGY

**Reading Area Community College
10 South 2nd Street
Reading, PA 19603
(215) 372-4721
President - Dr. Gust Zogas
Contact Person - Fred Weinhold**

The Curriculum provides industry with personnel who can function in: a) audio/TV production services; b) telephone/cable/data communication technicians; c) fiber/microwave/satellite technology; and d) technical repair and maintenance of telecommunication equipment and transmitters. Students are qualified to pass the FCC General Radiotelephone Operator's License exam. Laboratory equipment is designed to develop students' electronic testing, troubleshooting, and circuit analyzation techniques on radio/TV/telephony equipment.

TOYOTA - TECHNICAL EDUCATION NETWORK

**Massachusetts Bay Community College
50 Oakland Street
Wellesley Hills, MA 02181
(617) 237-1100
President - Roger Van Winkle
Contact Person - George Luoto**

The Associate Degree Program is Toyota industry-specific in training automotive technicians. The Program which is 2 1/2 years in length has a required co-op at a Toyota dealership in the summer and in the second year. Students are eligible for scholarships of up to \$1,000 each year, and a tool scholarship valued at \$1,500. Employment demands are excellent, as is salary.

WILDLIFE TECHNOLOGY

**Abraham Baldwin Agricultural College
Tifton, GA 31794-2693
(912) 386-3508
President - James A. Burran
Contact Person - Richard L. Payne**

Wildlife Technology includes the study, use, and development of techniques applicable in Wildlife Management/Conservation. Included within the curriculum are 109 quarter hours credit, encompassing 45 quarter hours in the core curriculum/general education area and 64 quarter hours credit in Forestry/Wildlife and support courses. "Hands-on" experiences are stressed in addition to traditional classroom/laboratory emphasis.

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MEMBERSHIP

Membership is open to all who are committed to the purposes of the organization. The dues schedule and the application form are contained below. (For removal cut along the dotted line.)

NCIA Membership Application/Renewal

Membership Information:

- * Individual Membership is \$15 per year.
- * Institutional membership is based on the number of administrators listed:
 - up to 15 instructional administrators. \$ 75.00
 - from 15 through 25 125.00
 - from 26 through 45 225.00
 - over 45 335.00

* Multi-College districts require separate memberships for each college.

- () I would like to apply for an individual membership in NCIA.
- () I would like to apply for an institutional membership in NCIA. I have attached a list of other instructional administrators (please include titles) to be included as members and to receive newsletters.

Name of individual or institutional contact person _____ Title _____

College _____ College Phone _____

College Address _____
(Street) (City) (State) (Zip)

Make checks payable to: NCIA. Mail check or purchase order (Federal Tax I D #52-116312) and application form to: Donald Goss, Executive Secretary, NCIA, c/o Volunteer State Community College, Gallatin, TN 37066-3188



WHAT IS NCIA?

The National Council of Instructional Administrators is a private, nonprofit, professional organization affiliated with the American Association of Community and Junior Colleges.

The Council is the national voice for the opinions and concerns of administrators of instructional programs. The Council is consulted by the leadership of the American Association of Community and Junior Colleges and by other national organizations on matters of importance regarding instructional programs.

Each year the Council publishes a quarterly Newsletter, a volume of exemplary instructional programs, as well as a literature search on a vital instructional topic. Regional and state workshops are held, and major presentations made at the annual AACJC Convention. Awards are presented to the instructional Administrator of the Year and the Exemplary Instructional Program of the Year.

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