NEW COMPUTER AND INFORMATION SCIENCE PROGRAM

Two-year college graduates or students currently majoring in computer-related fields can now earn a B.S. degree in computer and information science at SUNY College of Technology.

Governor Hugh L. Carey has approved an amendment to the college's academic master plan granting approval to confer a bachelor of science degree with a major in computer and information science. Dr. James J. Countryman, vice president for academic affairs commented, "This new program is an excellent addition to our programs in engineering technology and applied science. It will enable the College of Technology to make a significant contribution to the labor and educational needs of computer functions in industries in the Mohawk Valley and across the state."

The program allows students to choose between two tracks of study, one emphasizing programming, the other general computer science. Within each track three options are available. Students electing the programmer track may pursue one of the following options: business programmer, programmer analyst, or scientific programmer. Within the computer science track students may concentrate on software, systems, or hardware.

The program was initiated to meet the transfer needs of the state's two-year college graduates, as well as to enable personnel in local industry to participate in degree or continuing education programs.

Anyone holding an associate degree with a major in data processing, computer science, information science, natural science, mathematics, business management, or accounting can earn a bachelor of science degree in two years through the new program. Others who have completed a minimum of 56 semester hours of college-level work are also eligible to enroll.

Students will have the opportunity to progress either in a traditional college-centered mode, or in a cooperative program which combines classroom instruction with work experience.

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NEW INDUSTRIAL TECHNOLOGY PROGRAM

SUNY College of Technology will offer a new bachelor's degree program in industrial technology beginning in the Fall of 1980.

Dr. James J. Countryman, vice president for academic affairs, stated that the new program was recently registered by the State Education Department.

According to Dr. Countryman, "Industrial Technology covers the techniques required in the production of goods and services used by industry. Students may select course concentrations in technical operations or manufacturing operations. The program is coordinated with the electrical and mechanical technology programs to allow individuals the opportunity for interdisciplinary study."

The technical operations course of study is directed toward acquiring knowledge and skills required for a career in technical service support of industrial operations. Emphasis is on human motivation and service aspects of employment as applied to positions within industrial organizations and to positions with organizations providing technical support to the users of equipment and products.

The manufacturing operations course of study prepares students for positions in industry which are related to the latest techniques for the manufacture of equipment and consumer products. This program option offers a wide variety of courses in applied technology to meet the varying needs of different industries. Graduates may expect to find employment as process planners, plant layout technologists, method and cost estimators, manufacturing supervisors, field engineers, manufacturer's representatives for technical products, and as technical sales personnel.

Dr. Louis J. Galbiati, dean of engineering technology, emphasized that, "The industrial technology program will provide an opportunity for community
Dear Alumnus:

Our campus situation remains more confusing than ever. In December,
SUNY's Trustees reaffirmed Marcy as the site for our campus. In
January the Trustees deferred action pending clarification at
February our Trustees deferred action pending a clarification of
SUNY's resources for 1980-81. We are looking forward to favorable
Trustee action when the Governor and legislators resolve their differ-
ences.

On the academic front we have made significant advances. During the
current year we have been authorized to offer the following new programs:
- Business and Distributive Education: Natural Sciences: Medical Record
  Administration: Computer and Information Science: Industrial Technolo-
  gy: Management.
- A master’s program in business and
- the National programs in the Mohawk Valley. During the winter months the National
  Valley and the State of New York. We need and want your support as we
  continue to struggle for "a place in the sun."

Sincerely yours,

William R. Kunsela
President
The department has recently completed the field-centered competency-based registration of the Trade, Technical, and Business/Distributive Education programs leading to Science degree and Provisional Teacher Certification and the occupational subjects education master's program leading to a Master of Science in Education degree and permanent teacher certification in Occupational Subjects Education to comply with the regulations of the Commissioner of Education. Several concepts of competency-based teacher education were studied in conjunction with the Performance-Based Teacher Education project conducted by the National Center for Vocational Education at Ohio State University to arrive at the leadership essential and desirable characteristics for the competency-based teacher preparation programs here at the SUNY College of Technology. Vocational teachers and administrators in our service region responded to questionnaires verifying the importance of each competency and identified whether the competency could be learned in a pre-service, in-service or combination of both modes of program delivery. Advisory and review committees are utilized to guide program development and evaluate the final documents once compiled. The re-registration of programs represents a reauthorization of the programs of creditive work by the department and the constituencies served throughout Upstate New York. The department has been on the cutting edge of performance-based teacher preparation right along by the very nature that occupational education has always been performance-oriented and as a result of close working relationships with the National Center for Vocational Education. During the past five years, the department has served as a field site for the Career Development facility and performance-based teacher education innovator of the performance-based teacher education modules developed by the National Center for Vocational Education as a result of extensive research of vocational teaching competencies which was supported by federal Vocational Education Act Funding.

The program re-registration is just another milestone in the continuous program development efforts of the faculty and staff to insure that the preparation of vocational teachers who have pedagogical, technical and general education competencies necessary to teach vocational students in the secondary and post-secondary vocational programs in New York State. Dr. Basualdo, Dr. Glenn and Professor Swarts recently attended a National Invitational Conference on Performance-Based Teacher Education to learn how other institutions and states are implementing performance-based teacher education. The conference's executive director, Richard Elmore, focused clearly on where the department is in the implementation of performance-based teacher education program. It also provided valuable information to assist program development.

NEW TECHNOLOGY PROGRAM

Continued from Page 1

college graduates to pursue studies toward a bachelor's degree as full or part-time students, as well as to provide opportunities for persons presently employed in local business and industries to upgrade their capabilities."

The SUNY College of Technology Industrial/Manufacturing Laboratory is equipped to support courses in numerical control, computer-aided manufacturing, and computer-aiding and machining operations. Dan Galbiati pointed out that the laboratory includes a computer-controlled milling machine with component dynamometers, a digital surface profile meter, a clamping device, a linear measuring instrument, and a supply of precision measuring instruments.

To be eligible for acceptance into the program students must hold an associate's degree from an accredited institution or have earned a minimum of 56 semester hours of college credit. Students will enter their industrial, electronics, mechanical, or mathematics sequences at the appropriate level depending on courses they have previously taken. At least 24 semester hours must be earned, excluding five of the following areas: industrial engineering technology, automation and computer simulation, manufacturing planning and control, cost estimation and control, quality assurance and reliability, microprocessors and electronic industrial relations, economic analysis, marketing, production, manufacturing operations, industrial safety, and plant and work layout.

In addition to the courses listed in the industrial technology program may elect a cooperative study program which involves alternating industrial work experience with classroom study.

BUSINESS PUBLIC MANAGEMENT BRIEFS

The business/public management division had a very informative meeting with its Advisory Committee in January. The business manager and management representatives from the private and public sectors of our statewide community. After some introductory comments from Pres. Hunsback and Dean Cook, the committee was briefed on the Business/Public Management program offerings and proposed changes. Forums of this type have significant influence on the division's program offerings. It gives the division the opportunity to determine whether to offer to fulfill the needs in the job market and what functional areas require improvement to produce a better graduate. Alumnae are encouraged to consider the training received at SUNY College of Technology and offer any constructive remarks.

Professors Petrinonc, Walls and Wolber have recently pooled their efforts and submitted a research report to the Mohawk Valley Chapter of the Institute of Accountants. The report is entitled, "A Comparison of Risk-Taking Between Accounting Students and Management Accountants."

Mr. Langdon presented a research report, "A Suggested Compromise Measure for Risk Analysis in Capital Budgeting Decision Making", at the annual Eastern Finance Association meeting in April. Former Dean Schatz (currently Dean, Roy C. Ostrander School of Business, Hollins College, Winter Park, Florida) and Professor Maro have been notified that their article, "Expanding the SBA Management Assistance Program" has been accepted for publication in the Journal of Small Business Management.

Professor Maro was recently elected secretary to Region II (New York, New England States) Small Business Institute Directors Association.

Professor Walls has been nominated as one of the Outstanding Young Men of America for 1990. This honor recognizes young men throughout the nation for professional achievement and community involvement. Congratulations!

Jim Ostrander was elected New Business Public Management division secretary. Our former secretary, Mildred Szarek, has become secretary to the Vocational Education Division working for Dr. John Glenn, Dean.

STUDENT INTERNS

Two students at SUNY College of Technology are currently working with the New York State Assembly as student interns.

Joseph M. Cimino, a student in the Business and Public Management Division, is affiliated in the Albany Office of Minority Assemblyman James Calogero. She is the daughter of Mr. and Mrs. Stephen F. Cimino of 1412 Buckley Road.

James M. Spanfeller, a science student, is associated with Assemblyman Thomas A. Hanna. A 1978 graduate of Herkimer County Community College, he is the son of Mr. and Mrs. Joseph W. Spanfeller, 621 Sixth Street, Herkimer, Herkimer.

The intern program is designed to provide students firsthand knowledge of the legislative process and state government. Interns receive practical experience and the legislature benefits from the staff assistance, new ideas, and fresh perspectives offered by the interns.

This legislative internship program is full time for one semester. January through May.

NEW SYRACUSE CENTER

In an effort to provide better service to its students, the College of Technology has opened a regional office in downtown Syracuse. The facility is located at 433 of the New York State Office Building, Mr. James Ostrander is the director of the extension office that is designed to serve the college's students in Syracuse as well as those in Rochester and Watertown.

Undergraduate courses for programs in Business, Public Management, Criminal Justice, Engineering Technology, Nursing, and Vocational-Technical Education are offered on-site at the Office Building and various other locations, including community colleges, hospitals, nursing homes, factories, high schools, and ROCES.

The regional office is also prepared to arrange for students to take the New York State Board of Nursing achievement examination, Base Line Competency examination, the College Level Examination Program, and other specialized testing as may be required.

Jim Ostrander can be reached by telephoning 315-473-8223.
RESIDENCIES FOR HUMAN SERVICES STUDENTS

Thirteen students in the human services program at SUNY College of Technology are completing residency requirements throughout the state of New York. As a requirement of their academic programs, students majoring in health services management are required to perform a 16-week administrative residency in a health care facility.

These interns bring their classroom training to real-world professional fields by experiencing such facilities as hospitals, nursing homes, medical clinics, or state agencies where they work five days a week, eight hours per day, as a registered member of the health care administrative staff.

Students perform their administrative residency during the last term of their academic program.

According to Monte E. Welker, director of the program, "The College of Technology administrative residency program is special in that the college has developed a comprehensive internship guide to assure that each student gets maximum benefit from his or her placement.

Included in the guidebook are questions for students to ask each of the departments they visit in order to determine the effectiveness of department operations, as well as the harmony of interdepartmental relations.

The residency program is designed to give students a full 16-week move during their 16-week stay throughout all departments within the facility.

"The guide is intended to get interns started in their internships," said Mr. Welker, "we expect them to see what makes each department run, how it interrelates with other departments, and to assess any problems which may exist. In this way we can ensure that our interns not only can learn, but can contribute new perspectives to the departments with which they are associated."
ALUMNI WE NEED YOUR SUPPORT!

What is the Upper Division College Foundation? It is a separate entity whose purpose is to enrich the life of undergraduate students by supplementing state funds. While the state provides for the necessities of education--buildings, faculty, student and administrative services, there are other areas where state monies cannot be used. These areas that presently concern the college are: student loan fund, assistantships, and scholarships.

As the college grows, there is a continued need to have money available to assist students with unexpected financial emergencies. Last year over 500 students received loans. Our modest fund prevented us from granting many of the loan applications. We hope that by increasing the fund we can assist more students.

An assistantship is an invaluable learning experience. It allows students to work in positions where their interests and abilities can be of benefit to the students and the college. The assistants are paid for their services, partially in recognition of the reduction in outside employment and partially as compensation for services to the college. As an example, we presently have four assistantships in Admissions. These four assist the regular staff in recruiting new students by interviewing and traveling to various parts of the state.

The availability of scholarships is another way of assisting students. The presence of scholarships assists in attracting students to the college. It is also a means of recognizing superior academic achievement. The award of a scholarship may allow a student to concentrate more on studies, rather than finding employment to support educational endeavors.

Firmly established institutions use the money given by alumni and others to expand their endowment. Their endowment income, money earned from investing the principal, provides the financial support for loan funds, assistantships, and scholarships. At the College of Technology our endowment is so small that we must use our monies received from alumni and friends to build an endowment while concurrently assisting students as discussed above. Donations range from a few dollars a year to several hundred. If all of our more than 2300 alumni would write a check to the Upper Division College Foundation for $10, we could increase our endowment by more than $10,000. Take a moment and mail us your support.

ROLL OF HONOR
ALUMNI CONTRIBUTORS

William Acito
Patricia Accurri
Donna Boland
Ron Centamore
Gary Clark
Maryann DeLuce-Brindisi
Thomas Fogarty

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NEW COMPUTER AND INFORMATION SCIENCE PROGRAM

The College of Technology has a wide range of computer equipment which includes a Digital Equipment Corporation PDP 11/44 mini-computer equipped with 350K memory. Additionally, the college owns a 176-megabyte disk drive, a dual density 9-track tape drive, a punched card/mask sense card reader, four 150 cps printers, 11 CRT terminals, eight hard copy terminals, four key-punch machines, and six off-line micro-computers one with an X-Y plotter, and a Tektronix 4015 graphics terminal. Language capabilities include ASSL, APL, BASIC, C, COBOL, FORTRAN, LISP, PASCAL, and SNOBOL. The college also has access to two large-scale mainframes, an TEL AS/6 at SUNY Binghamton and a Control Data Cyber 173 at SUNY Buffalo.

STAFF MEMBER BECOMES AUTHOR

Assistant Professor of Criminal Justice, Daniel Lockwood is the author of a new book titled Prison Sexual Violence. The 181-page volume is the first systematic inquiry into the causes and effects of male sexual aggression in prison. Dr. Lockwood worked from 200 tapes recorded in interviews with targets, aggressors and staff at Attica, Auburn, Coxsackie, and other New York State prisons. Dr. Lockwood, who earned his doctorate at SUNY Albany, has been a member of the Criminal Justice faculty since September, 1977.

DO YOU HAVE JOB OPENINGS?

The SUNY College of Technology Placement Office will be pleased to assist you or your organization in locating qualified candidates to fill positions that may be open at your firm. Should you have any information, please contact Tony Belmonte for details or to list positions needing to be filled. (315-792-3666)
ALUMNI ASSOCIATION
STATE UNIVERSITY COLLEGE OF TECHNOLOGY AT UTICA/ROME

The Alumni Newsletter invites reports, news, chatter and the like from all our alumni, to help keep alums up-to-date on fellow classmates activities. Please contribute information about your roamings, adventures, and accomplishments. Send correspondence to the alumni staff in care of the Governmental Affairs Office, 811 Court Street, Utica 13502.

NAME ___________________________ CLASS YEAR GRADUATED ______

ADDRESS _______________________________________________________

EMPLOYER'S NAME _______________________________________________

EMPLOYER'S ADDRESS _____________________________________________

JOB TITLE _________________________________________________________

PERSONAL NOTES _________________________________________________

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