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FTU Extends Fair Welcome

FTU Growth Fast-Paced

By Campus News Service

As the commercial says, "You've come a long way, baby!"

The same sentiment applies to Florida Technological University, which in the relatively short time since classes began in October 1968 has taken on an ever-expanding role in both academic and student life.

With more than 6,900 students registered, FTU continues to show steady growth identified with its expanded studies programs offered by six colleges both on and off the main campus.

The expansion is borne out in Winter Haven, where the Florida Institute for Technology, or FTU, has formed a cooperative venture with the University of Florida, in an effort to attract additional students from Florida Technological University, which is located in Orlando.

The small, private school, which is home to approximately 4,000 students, has been able to expand its enrollment by taking advantage of the resources of the larger university, which is located in Gainesville.

In addition, the Board of Directors of FTU has approved the construction of a new facility, which is expected to be ready for use by the fall semester.

The new facility will provide additional classroom space and laboratory facilities, as well as additional dormitory rooms for students.

In other news, the FTU student government has announced that it will hold a dance on Saturday night to raise funds for the local chapter of the National Federation of the Blind, which is headquartered in Miami.

The dance will feature live music and a variety of food and drink.

The proceeds from the event will be used to support programs for the blind, including a scholarship fund for students attending FTU who are members of the National Federation of the Blind.

The dance is scheduled to begin at 8:00 PM and end at 11:00 PM.

FTU Helps Area Autistic Children

Some Orange County parents who were determined to find help for their children may have realized that goal with assistance from Florida Technological University. FTU has formed a cooperative venture with the county school system to develop an educational program for autistic children. Autism, which is marked by erratic, uncontrolled behavior, and usually by an inability to speak coherently or function in a group, is described in dictionaries as an "abnormality of fantasy in the exclusion of reality."

It has been further described as a condition where a child's world shrinks inside himself and lives there, trapped, unable to get out.

Area parents who sought help are members of the Central Florida Chapter of the National Society for Autistic Children. Until recently, there was no identified program in the Orange County schools to meet the demand for services that might be necessary for such children.

On Nov. 15, 1972, six autistic children started in the first such cooperative outpatient program at the state. Ranging in age from 7 to 14, they attend school three hours each morning at the Audubon Park Elementary School, where two rooms have been set aside. The teachers and four FTU graduate students in psychology.

In addition, the Board of Education has allotted funds for a certified teacher of exceptional children and a teacher's aide.

Director of the innovative program, Dr. Burton Blau, associate professor of psychology at FTU, noted that since the parents began their campaign, federal regulations have been approved making it mandatory for all school systems in the country to provide programs to reach all children, regardless of their condition.

Previously, there was no such provision, and the slow children were either institutionalized or kept home with no formal schooling.

Blau, who came to FTU last fall, was on the staff of the Children's Psychiatric Center in Miami and calls the program "a very exciting venture."

He estimated there may be between 40-50 additional autistic children in the Orange County community activities could be eligible for the program. He explained that to be eligible, children must first be evaluated by the Orange County Learning Disabilities Center.

The aims of the FTU teachers are to increase attention span, make autistic children feel part of a group, eliminate inappropriate behavior, while developing desirable ones and establish a routine activity. Several children are being followed, some are working on gross motor behaviors, and all are given opportunities for acquiring verbal communication skills.

Blau is quick to point out autistic children in general are not mentally retarded, although

CONSUMER INFO

An office of the U.S. Food and Drug Administration opened recently in Orlando. Local consumers may phone 855-5981 to hear recorded messages on current topics of interest.

Charles N. Millican

To only a few, Millican proclaimed. "By working together we can make this a great university, one of which we can be proud."

Charles N. Millican
President's Message

I take this opportunity to welcome you on behalf of the administration, faculty, staff and students at Florida Technological University. While we haven't been around as long as the Central Florida Fair, FTU has nevertheless become in a few short years an integral part of the community.

In the more than five years since the first group of students started classes at the university, the interest and spirit of the Central Florida community have become a strong and welcome influence on FTU. We in turn want to be a significant part of the community in order to provide appropriate educational opportunities to the people of this area of the state.

Those of us on the campus deeply appreciate the support given by the people of Central Florida during the planning and construction and the operation of the university, and we extend a standing invitation to each of you to visit the campus of the university.

CHARLES N. MILLICAN

Community Service
University's Key Aim

THERE ARE many ways to serve one's community. Florida Technological University has spent five years providing an education for members of the Central Florida community. Five years provides the equipment and facilities of a modern institution of higher education to elementary and high school students...five years sponsoring community-related projects and fund raising efforts instituted by active and concerned FTU students...and five years providing the local job market with a host of students prepared to take a place in the work-a-day world.

The presence of FTU in a growing community like Central Florida presents an unexpected opportunity for individuals and groups to improve. When the flux of engineers, cast off from the space program, are forced to find FTU willing to fill the gap with the RETRO program. When the local businessman, teacher, technician or housewife decides to seek a higher degree, FTU is waiting with classroom opportunities and job opportunities as well. For the high school student, who can not afford to go away to school, FTU is here, locating work opportunities in the community.

When the veteran returns to further his education, FTU is close, a place where he can take advantage of the GI Bill and other financial aid programs which help him care for his family while he learns.

FTU is the perfect accent for the modern, fast-moving community that Central Florida has become.

Dateline ......

Honolulu, Hawaii.

...the good news for Hawaii has come up with a new course offering that may appeal to students complaining of air pollution and worsening traffic congestion. The course, entitled Survival 1985, offers two credits per semester to commuters who can find their way to and from the classroom opportunities and job opportunities as enrollments have been drastically cut by almost seven-member board of directors. The move to eject the Alligator spent nine years managing the Technological University has spent five years providing an education for students who travel nearly around the world from the University of Oregon to the Academy of Science.

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Ed. to People Programs Expand Throughout Area

Expansion of the "education to the people" programs has begun on the Cocoa campus of Brevard Community College.

FTU Professors Offer Experience

The college student who sees in his professors a collection of hundreds of degrees, exams and lectures and nothing else has closed his mind to the possibility that the man standing before the class has something more to offer in the way of experience.

The case for experience rests firmly at Florida Technological University, where the do-hem self can find such diverse backgrounds as those offered by Dr. Norm Cornish, L. E. Couch and Dr. Ernst Goldstein, to mention only three of many. There is a call upon years of work in the so-called "world of business."

Couch is a prime example of the business executive who has returned to the school to impart much of what he learned to those in the other direction. Before his appointment to FTU's College of Business Administration, he spent nine years managing the employment and training development division for the JC Penney Company. The Oregon native jumped into the business world from the University of Washington, where he had been an associate professor after receiving his Ph.D. from Ohio State.

"I feel the experience has been and continues to be put to good use in the courses I teach. On the other hand, there are many teachers with no practical experience, and they do an excellent job. But I feel the exposure to business practice, at least in my field, is a great help."

A background in public affairs and journalism stretching over 10 years are among the credentials offered by James Couch, who doubles as an assistant professor of public affairs and advisor to student publications.

An affable man who counts among his diverse talents a working knowledge of Japanese and Oriental cooking, Couch was for five years a press officer with U.S. embassies in Laos and Japan. He experienced the other side of the coin as a working newsmen with Tokyo's leading English language daily, "The Japan Times." While those already attending FTU classes may concurrently enroll in BCC courses.

A prime attraction of the new programs will be the possibility that students enrolled in FTU courses at BCC will be able to complete all requirements for a baccalaureate degree and never travel to the main FTU campus. The possibility would exist only for certain students, depending upon their major field of study, it was pointed out.

A similar arrangement with other community colleges in the FTU commuting area is also under consideration. Evaluation of the Brevard program will determine to what extent other programs will be developed.

Produced by FutUre Special for Florida Technological University in cooperation with the FTU department of public information.
Established extremely capable situations and the solutions to center and a bookstore, Clay to n. Another program offers up to student ingenuity can go is Mechanical Engineering added, community. During the summer during the governmental and private earned his doctoral degree in outdoor physical education can take advantage of two and absorbing the culture of the Technological University. master's degree in sanitary construction and improvements study for journalism students and the Summer in recognition has been established at Florida public service and promotion of member.

shock-tested bumper. Government granted money entries constructed for acoustical music practice rooms - specially built classroom buildings and a one-story music buildings, a million. The fourth and fifth floors will house faculty and department offices for art, English, history, humanities, foreign languages, theatre and the dean. Seminar rooms and offices for graduate assistants will be located on the fourth floor.

The 12,000 square-foot music rehearsal building will feature a multipurpose rehearsal space which will also be used for recitals, lectures and other public events. It will also house two music libraries, a small practice room and faculty offices.

Still ahead in new construction is a $2.3 million Biological Sciences building to be occupied primarily by the College of Natural Sciences, to be followed by a College of Education complex that will include a teaching gymnasium. The total price tag on the latter is estimated at $4.5 million. Also ahead in the next two years in a $1.6 million expansion and extension of FTU utilities to service the new buildings with air conditioning and heat. A half-million-dollar central receiving building is planned, and a $400,000 addition to outdoor physical education facilities will include a baseball diamond and soccer field. By 1976, the total value of constructions and improvements on the PTU campus will be nearly $33 million, according to Fred K. Clayton, director of university physical planning. The structures include buildings for the Colleges of Social Science and Business Administration, a new health center and a bookstore, Clayton added.

Dr. Marty Wanileista, associate professor of environmental engineering at the institute, Wanileista has been a member of the PTU faculty since September 1970. He earned his doctoral degree in environmental systems engineering at Cornell University. He also holds a master's degree in environmental engineering and a bachelor's degree in civil engineering.

One of the Environmental Systems Institute's main crises comes at a critical time when national, state and local interests are concerned Central Florida firms (including situations and the solutions to these problems.

Engineering Institute Established At FTU

Charged with the responsibility of improving the quality of the environment through research, education, public service and promotion of cooperation among industrial, governmental and private sectors, the General Environmental Systems Engineering Institute has been established at Florida Technological University. The institute "will have a major role in the development of the University and its contributions to the community." The PTU president involved in the concept, he added, "is a group of a group of extremely capable professionals." FTU President Charles N. Millican has termed formation of degree in civil engineering. Nearly $33 million, according to FTU.

MAX, who began life as a normal 1972 Gremlin, has since been transformed into a hybrid with natural gas engine, an anti-skid braking system and a shock-tested bumper.

The new MAX, appropriately embalmed with decals that make a Daytona 500 car look off campus provided the extra push for the trip. Dr. Bruce Nimmo, MEAS advisor, credited a number of organizations (including Florida State University, Florida Tech, Orlando General Motors' Proving Ground at Milford, Mich., MAX faced entries from more than 70 colleges and universities in the United States and Canada. To prepare for the test, student members of FTU's Mechanical Engineering and Aerospace Sciences Club (MEAS) worked night and day. When the time arrived, they trucked MAX north for the show down. They were not disappointed.

Prominently displayed in the College of Engineering is a sign recognizing their winning effort in the safety category.

MAX ready for the showdown in Michigan was not a simple task. Student Government granted money to purchase the original car, and some welcome assistance from off campus provided the extra push for the trip. Dr. Bruce Nimmo, MEAS advisor, credited a number of organizations including Florida State University, Florida Tech, Orlando General Motors' Proving Ground at Milford, Mich., MAX faced entries from more than 70 colleges and universities in the United States and Canada. To prepare for the test, student members of FTU's Mechanical Engineering and Aerospace Sciences Club (MEAS) worked night and day. When the time arrived, they trucked MAX north for the show down. They were not disappointed.

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Six Colleges Offer Degrees

The College of Engineering offers graduate work leading to the Master of Science in Engineering, Master of Business Administration or Master of Science in Environmental Systems Management degrees. The programs are designed to provide a logical approach to decision-making and the resolution of business problems.

In addition, the student is given an opportunity to complete a major in one of the functional areas of business.

The College of Engineering degree is awarded after satisfactory completion of a curriculum of 120 quarter hours, including environmental studies courses, an engineering core curriculum and both required and elective courses of a study in a selected engineering option. Graduates of this program may pursue a wide variety of careers in private practice, industry, education and government.

The College of Education at FTU is organized as a professional college within the universitywide general-purpose program. This academic program is primarily concerned with three broad areas: environmental studies, specialized preparation and professional preparation.

A broad range of undergraduate majors is available for individuals who intend to teach in Florida's public schools. They are: Elementary Education (includes certification options for childhood education and exceptional education) and Secondary Education (biology, business education, chemistry, English language arts, foreign language, mathematics, physics, social sciences, speech). Comprehensive programs are offered in library media, music, education and visual arts. (Three lead to teacher certification in kindergarten through grade 12.)

The College of Humanities and Fine Arts offers majors in art, English, foreign languages, history, humanities, music, philosophy, psychology and theater. A variety of concentrations are available in these areas.

Art: Concentration in art history or a studio concentration (such as photography, painting, printmaking, drawing, graphic design, sculpture and 3-dimensional design, cinematography, ceramics, and crafts).

English: Concentration in literature or creative writing.

Foreign Languages: Concentration in French or Spanish, courses in German and Italian.

History: Concentration in American, European or Russian history.

Humanities: An interdisciplinary approach to all the areas of humanities and arts.

Music: Concentration in theory and/or applied music.

Philosophy: Courses in the various aspects of the discipline.

Theatre: Concentration in theatre history and criticism, technical history and design, acting and directing of film.

Furthermore, the College of Education also leads to a Bachelor of Science degree in the areas of humanities and arts.

The Bachelor of Science in Education degree is awarded after satisfactory completion of a curriculum of 120 quarter hours, including environmental studies courses, an education core curriculum and both required and elective courses of a study in a selected education option. Graduates of this program may pursue a wide variety of careers in private practice, industry, education and government.

Robert Kersten

Programs in environmental engineering, electrical engineering, industrial engineering and mechanical engineering have been accredited by the Engineer's Council for Professional Development. In fall 1972 the College of Engineering began a new program in engineering technology specifically designed for graduates of Florida community colleges in related programs. Satisfactory completion of this program leads to the Bachelor of Science in Engineering Technology degree.

It's happening now... at Florida Technological University

Business Administration

- Entrepreneurship
- Engineering

- General Studies
- Humanities & Fine Arts
- Natural Sciences
- Social Sciences

Write: Director of Admissions
Box 26400, Orlando, Florida 32886
Or phone: 305-475-5551