1983

**Ad Astra 1983**

Florida Institute of Technology

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"I believe that the founding and subsequent record of Florida Institute of Technology is one of all time success stories in higher education."

Thomas L. Martin, Jr.
President
Illinois Institute of Technology

This report offers insight into the 25-year record of success to which Tom Martin refers. I suspect you will be surprised at our progress. You may not be aware that more than 7,000 students now attend F.I.T. He refers also to the successful professional careers our graduates have secured.

In this report you will learn, too, about the $26 million annual budget of F.I.T. The report will help you understand why this university is one of the few institutions of higher learning in the country which has never had an operating deficit. Perhaps you never before realized that the beautiful F.I.T. campuses in Melbourne and Jensen Beach are a $25 million investment.

Tom Martin's observation brings to mind the tangible evidence of F.I.T.'s success. There are myriad points of pride for the many who have dedicated their energies to the university's success. Representative among them is the outstanding School of Aeronautics, with its Flight Center at the Melbourne Regional Airport. It is one of the largest schools of aviation in the world, with a fleet of more than 50 aircraft.

There is also our Graduate School of Clinical Psychology, which has grown to be one of the largest in the nation. Also brought to mind is our Oceanography program, which has earned a national reputation for excellence. And our unique Space Sciences program, one of the nation's first, serves as one of the country's few centers of education in that vital discipline.

Tom Martin's laudatory remarks could even be reflective of our crew team's success in 1982, as members rowed to the national small college rowing championship. The character and perseverance of both students and coaches in that effort were magnificent. It is not the trophy, but the spirit that counts.

Tom Martin's kind words most of all remind me of what can be accomplished by entrepreneurial Americans who are blessed with the freedom to operate independently to fill a need, to make a contribution.

F.I.T. was begun to fulfill a dream. We have managed to make reality of the vision. There is a special reward in succeeding when the mission is to challenge and develop the human intellect.

F.I.T. creates opportunities for individuals. Those individuals in turn represent opportunities for our society, and for the global community. This university's service extends to students not only from across our nation, but to those from some 70 other nations as well.

Tom Martin reminds us of how far we have come. Yet, you have my assurance that what you see today is but a foundation for tomorrow.
In 1958 EFT began with a few night time courses supplied for a continuing education program. The students were non-workers from factories and the Cape.

President Kupper left RCA with their approval and support to build what we see today.

The first classes and degrees were offered in business administration, electrical engineering, and mechanical engineering and were held at the Eau Gallie Junior High School. The faculty started off with a total of 25 people. The enrollment for classes was 175 students.

The college soon moved to the Methodist Church on Strawbridge Avenue and was rented from the 1st National Bank of Melbourne, (Sun Bank). The move was not planned until Eau Gallie assisted the college. The reason stated were, "competition with a proposed community college and also "traffic jams and other things at the junior high school."
Tourism at FIT started at twelve dollars a credit hour! The second year saw expanding momentum when branches were started in Cocoa Beach and West Palm Beach. Also in FIT's second year, Eau Gallie decided it wanted FIT back and offered FIT twenty acres of land. With this offer other cities soon joined the bandwagon including: Palm Bay, Melbourne, Port Malabar, and Satellite Beach. Satellite Beach was the top pick for Brevard Engineering College. The twenty acre piece of land was near Patrick Airforce Base. While clearing of the land was beginning FIT made another move to the Radiation Building at the airport.

In November of 1960 the first semblance of student organization began. Formation of a student government, a newspaper, and a student picnic day were begun.
On January 12, 1961 the University of Melbourne was picked as the location of BEC and is the present location of FER. The site included forty acres of land with a 99 year lease for one dollar a year. The University of Melbourne conducted classes for the first time. University of Melbourne was a school of philosophy. The only existing building at the time was what is now part of the admissions office. Construction was immediately began on the present day classroom quad. The existing building became the first library.

The first graduation ceremonies were held in the Melbourne High School auditorium on June 15, 1961. The graduating class consisted of twenty students.

May 18, 1962 the announcement was made that BEC would become the Florida Christian University. The University would keep its existing programs and add liberal arts and a post graduate seminary. This plan was scrapped in February of 1963 when agreements could not be reached.
Plans for a dormitory and a new library were made in December 1963. When these were completed the college was expected to receive accreditation. The library was the key to receiving accreditation and in 1964 plans were finally under way.

V. Browalie donated the land on which Browalie Hall stands. The hall was to be completed in September of 1964 and originally housed men.

In April of 1964 ground breaking for the library took place. Mrs. Bartholomae donated the 100,000 dollars needed for the library in May of 1964. The donation was in honor of her late husband, August Bartholomae. Later a law suit was filed for the 100,000 which was never paid.

The housing on campus was quickly becoming a problem. In August a federal loan for Browalie Hall was granted but housing fell short in September so Southgate apartments were arranged on a temporary basis.

With the library definitely on its way accreditation was granted in December 1964.

January of 1965 was a productive month. Ground breaking for Browalie Hall took place, and the August Bartholomae Library was dedicated. When the library opened it was considered very spacious — classes were held on the second floor.

In May plans were announced for a second dorm and the completion of Browalie in July.

Dorms were the main construction thoughts in 1965, and construction on the quad buildings continued. In October 1965 ground breaking for Shaw Hall, named after the founding partner of Radiation Inc., took place. At that time the future Campbell and Wood Halls were on the drawing board.

Shortly before the dedication of Browalie Hall in December the first dorm pranks were under way. Students placed a sports car in Browalie's lobby.
Beginning in the calendar year of '66, computing was added to the BEC curriculum. A land drive was also slated so construction of two dorms, a theater, the quad and a science building could begin. The third dorm was already started. Federal financing for the two dorms came in April of 1966.

BEC was first referred to as Florida Institute of Space Technology in February 1960.

In May plans for BEC looked as follows: start of a science tower, plans to expand dining facilities, a SUB, a fifth dorm, the second phase of the science building in 1967; and in 1968 an engineering building, a new library wing, a field house, and a sixth dorm.

In June of 1966 BEC received its official charter as FIT.

Gleason Auditorium was now on its way, but the science tower was still being planned. Along the way the science tower was planned as a five story building, a six story building, and finally its present day means as a seven story building.

With the beginning of 1967 FIT could claim four quid buildings, three dorms, Shaw, North (Campbell), and South (Grisson), an almost completed auditorium, and land now totaling 55 acres.

South Hall became Grisson Hall in January 1967. The hall was named in honor of Gus Grisson who died along with Ed White, and Roger Chaffee in a fire during a simulated countdown at Cape Kennedy.
FIT wanted to build a Hydrospace Technological Institute. The oceanography department was growing fantastically and plans for a sister school were being made. One projected site of the school was at Port Canaveral, but the Port Authority rejected this proposal.

Many boats were being donated to the school at this time, one was donated by Nelson Rockefeller, the Dragon Lady.

The Campbell Aviation Company was made possible by donations from Stuart Campbell. In September of 1968 a hall was dedicated to him. This was the fourth residence hall dedication. In January ‘69 ground breaking for the future Wood Hall occurred. A month later plans for Roberts Hall were announced. The grant from HUD for Roberts came through in June ‘69.

In December of 1968 ground breaking of the one million dollar science tower took place.

The Harlem Globetrotters did a benefit appearance, and officially opened the gym in February 1969. The opening of the gym was coupled with the dedication of the Denius Student Center.
A 900,000 dollar federal loan was approved in September 1969 for the future Roberts Hall.

FIT bought the Tradewinds Hotel in December 1969.

The Aeronautics Technical Institute made an official merger with FIT and become the School of Aeronautics.

Construction on Roberts Hall began in 1970 and at the time had an advanced slab design. The first students used the then unnamed hall in September of 1971. Half of the second floor at the time was used to house women.

Fire at the Pike House destroyed a separate building near the house that had been used as a study hall.

The science tower was dedicated the Crawford Science Tower in December 1971 for his efforts in raising money for that structure.

The Medical Research Institute was started in August 1971 by Dr. Ronald Jones. Initial studies were concerned with a cure for venereal disease.

The Campus Ministry Center was opened in September 20, 1971.

The Harbor Branch Foundation opened the Marine Science Center near Ft. Lauderdale in January 1972.

Both a Bachelor and Master of science education degree programs were approved by the Florida Department of Education in February 1972.

February, the FIT oceanographic unit joins the new Harbor Branch Foundation. The lab was described as a "major new marine biological laboratory, equipped for specialized research that will enlarge mankind's knowledge of the ocean."

FIT filed suit against two architectural firms on the ground that there was a breach of contract concerning the completion of the science building. The college listed deficiencies as failure of the heating system to provide sufficient heat, failure of the cooling system, abnormal air pressure, and dust problems. The college asked judgement for damages in excess of 5,000 dollars.

More than one hundred top international scientists from North and South America, Russia, and several European and Asian nations attended the "Conference on the Crew-Mate Interface" at FIT.

Three new degrees were added in July, August, and October of 1972. The degrees included a BS in biological sciences, a BS in science education, and a BS in ocean engineering, respectively.

East Hall (Evans) was completed in August '72.
In August 1972 FIT bought St. Josephs College in Jenson Beach to develop the Jenson Beach campus. The Hydrospac Technology Institute was then moved from Cocoa Beach to the new campus. The School of Marine and Environmental Sciences was opened with the dedication of Jenson Beach in February 1973.
A portable cooking unit caused a fire in Evans Hall in October of 1972. Damage to the hall was estimated at $14,000 dollars. A second fire also took place in August of 1973 causing $7,000 dollars worth of damage. This fire was started by a fuse box.

Southgate apartments were purchased in September 1973.

Emi Telemetry donated an astronomic dome and accessories valued at $10,000 dollars to FIT in February 1974.

An MBA degree was offered in July 1974.
In September 1974 FIT announced a $5.3 million dollar expansion plan. The plans included a one million dollar engineering building, a $400,000 dollar school of aeronautics building, and a $1.2 million dollar library for the Melbourne campus. Other improvements were planned for the Jenson Beach campus.

FIT opened a University Counseling Center in October of 1974. Reverend George Moreau, Ph. D. was appointed as the director.

A new class in Medical Technology began in January 1975 and offered both Associate and Bachelor degrees.

In 1974 the aviation school started a building project which was completed in early 1975. The project was an all-inclusive aviation center, and furnished all aspects of the aviation school in one building.

Mrs. Florence Evans was the first woman board member and in February 1976 East Hall was dedicated in her name.

TKE at FIT had its national charter revoked in 1976 when they initiated eight women.

About thirty Iranian FIT students joined in the protest against the Shah of Iran’s visit to the United States.

During FIT’s 20th anniversary, President Keuper pointed out that the school has grown to be the second largest private university in the state and the only private technical institute in the Southeast United States.
As the university entered its 20th anniversary year, plans for a two million library building were a top priority.

Iranian students demonstrated the Shah’s regime in November 1978 in a twelve mile walk beginning and ending at FIT. The signing of the Egyptian-Israeli Peace Treaty caused demonstrations in March 1979. The demonstration disbanded when American students started verbal arguments with the Arab students.

Induslantic warned FIT in June 1979 about the Tradewinds Hotel, Doherty Hall, and its state of disrepair. The hall had not been used because of Induslantic zoning laws which made the area for single residential houses. This law was also prevented FIT from selling the property to a prospective buyer, and Induslantic refused to change the zoning laws. Despite the problems, FIT sold the historical landmark in September of 1979.

Three new Southgate apartment buildings were started after a federal loan was approved in October 1979. The apartments were slated to be completed in beginning fall quarter 1980. Students moved into the new apartments in September of 1980, even though a few appliances were not in the apartments. In May of 1981 the Security Office, at its old location, was bombed. A pipebomb was thrown through the window and scattered shearpnel and broken glass. Luckily no one was injured.

Taiwan gifted FIT in August 1981 with the marble clock standing in front of the library.
The sports program began in the winter of 1965 with baseball and basketball.

In August of 1968 the sports department added soccer, crew, golf, wrestling to the existing sports program. Later additions have included sailing, fencing, cross country, rifle, tennis, women's softball and volleyball.

Construction of a new 20,000 square foot athletic field began in December 1978 as part of a long term plan to develop the athletic department.
We all joke about the palm trees on campus, but they are all donations made by people. FIT, because of their donations, now has one of the most extensive collections of palm trees in the world. The first drive for a beautiful FIT was made by Mrs. Sara Bartholomew who also donated the services of an architect to plan the present library. Later President Kooper took an active interest in obtaining the collection of palm trees which FIT now houses.

Remember the peacocks? FIT once had seven peacocks which were donated by John Evans. The first of the peacocks came up missing in May of 1971. The last peacock was missing in 1980-1981.

Mr. N. Lund donated the palm tree in the classroom quad to FIT in January 1980. Mr. Lund had wanted to keep the palm until his death, but the widening of 192 required the moving of the tree. The palm tree was worth 10,000 dollars at that time.

FIT was lucky to have Don Smith who made possible the botanical gardens.
During the last two years F.I.T. has seen a number of new additional buildings on campus.

One of the most essential buildings is the Holzer Student Health Center. This building was made possible by Dr. Holzer and was completed September 17, 1982.

The Psychology Building was started on July 10, 1981 and was finished October 20, 1981. This building is the center of the graduate psychology studies, the largest graduate program on campus, and houses the administrative psychology offices.

The Sheppard Seminar Building was started on July 10, 1982 and finished October 20, 1982. It was named in honor of Dr. Donald Sheppard a former member of the Board of Trustees.
Two new buildings located near the maintenance area include the Off-Campus Programs Building and the Genetics Research Lab. The Off-Campus Program building was started on May 4, 1982 and finished in November 17, 1982. It also contains offices for Aeronautics. The Genetics Research Building will be the site of research conducted by Dr. John Hozier. Construction began on August 26, 1982 and was completed December 5, 1982.
Playboy

FIT made Playboy magazine when inhabitants of Shaw Hall placed the Playboy emblem on the front of the hall. A picture of the incident was sent into the magazine by a secretary. In February 1976 Playboy bunny Susan Marks of Miami visited the Melbourne campus.

Of course the inevitable had to happen and did in March 1968 when students were busted for possession of marijuana and beer drinking. Some minor "demonstrations" followed.

An undercover narcotics informer posed as a student of FIT in May 1972. The operation lead to several Melbourne drug raids.

Earth Day

Earth Day April 1970 was observed at FIT as it was nationally. FIT students decided to have a "Polluter of the Year Award". First place went to Florida Power and Light, second place to the Melbourne Sewage Plant, and third place to PAFB for its Banana River dump yard.

Another FIT?

Elsie Frank of Tampa filed a suit in September 1971, saying that her school had the official claim to the name of FIT. She said that she had received a charter in 1957. The Tampa school taught art, architecture, electrical engineering, electrical drafting, and landscaping.

FIT has a — it fit. In 1968 West Melbourne wanted to upgrade their waste disposal plant. The problem was they would be dumping into the stream which runs through the FIT campus.

Needless to say, not even the best plunger could get the disposal system to be passed.

What about the '60s

The university saw few problems as the rest of the nation was caught up in the Vietnam demonstrations and civil rights movements. Reasons for the little action were explained to be due to the heavy study load at FIT and that we had serious students. Many state colleges had students which were merely dodging the draft.
They Call It The Streak

The fad of the early 70s was extremely popular at FIT. In March 1974 when the fad was just beginning Today newspaper ran an article asking BCC and FIT students if this could happen here — no one thought it would.

But the article is probably just what people needed to egg them on. FIT laid claim to the largest group of streakers when approximately 500 students streaked from the Science Tower to the dorm quad.

Police wanted to arrest students but did not do anything because of the large number of students involved. Instead they took pictures which they later tried to use as identification to arrest students.

Meanwhile, as the students streaked by fellow students and resident of Melbourne turned out to cheer the group of students on.

Streaking continued with head and foot wear of different sorts becoming popular. Sights at FIT included streakers who carried flags, streakers on stilts, and bizzare hats.

Campaign Visits

Hubert Humphrey’s campaign for votes in the March primary of 1972 included a visit to FIT.

Also President Reagan campaigned at FIT when he was running.

Stop Signs

We all know of the bothersome stop signs on Country Club Road, maybe you are all to aware of them. These signs were placed at there respective corners in August 1968 after residents complained. Over the years the signs have become the objects of a lot of mischief.

WFIT

In April 1973 students applied to the FCC to start a FM radio station. The permit was granted in December 1973 and WFIT went into action. Initial hours were from 4 pm to 2 am through the week. The ten watt station had a five mile radius. In 1979 WFIT changed from 91.5 to 89.5 and boosted its power from 10 to 3,000 watts.
THE DAY HAS ARRIVED:

SITE OF THE NEW EVANS LIBRARY

In Memory of
Florence H. Evans
And
Artemisa R. Evans

TO BE COMPLETED IN FEBRUARY 1984

Although December 7 has special meaning across the nation, December 7, 1982, had even greater significance to the F.L.T. Community. This day marked the ground-breaking of the long-awaited new Evans Library.

Many prominent people from the Brevard community attended the ceremonies. Dr. John Miller, Vice President for Academic Affairs served as Master of Ceremonies, and Father Douglas Bailey gave the invocation. The audience was addressed by President Jerome P. Keuper; Bill Lynch, President of SGA; Dr. Gary Wells, Biological Sciences; and Dr. L. Henson, Director of Libraries.

The architects are Skidmore, Owings, and Merrill. Construction is to begin in January 1983 with the dedication in memory of Florence and Artemisa Evans expected in February 1984.
Gregg Fraker
Molecular Biology

Ralph Francescone
Biological Oceanography

Rudolph Antonio Francis
Flight Technology

Shinichi Fujimoto
Air Commerce

John F Franco II
Air Commerce

Cliff D Fyke
Ocean Engineering

Mark Flemerfelt
Civil Engineering

Ralph A Ganales
Air Commerce

Joan Elizabeth Galiyano
Computer Science

Susan Dawn Galos
Flight Technology
Elizabeth A Hemphill
Chemical Engineering

Daniel Patrick Harrigan
Ocean Engineering

Robert H. Heath
Ocean Engineering

Doris J Hilborn
Air Commerce

Richard R Henry
Mechanical Engineering

Phyllis R Higginsibraltar
Ocean Engineering

David C Hill
Ocean Engineering

William W Hoepflel
Aviation Management

Robert Ho
Electrical Engineering

Gregory H Hodge
Air Commerce
Halimavu Manjunath
Computer Science

Juan A Marchelli
Ocean Engineering

Lami Mason
Air Commerce Flight

Mark Matteo
Computer Science

Pierre A Matar
Electrical Engineering

Roger Matheny
Flight Technology

Peter Mauer
Air Commerce Flight Technology

William M McCormick
Ocean Engineering

Jose H Mazziotta
Ocean Engineering

Parker W McClellan
Transportation Management
Diana Mwanzo  
Aviation Management

David T. Moyer, Jr.  
Electrical Engineering

Carolyn J. Mullany  
Air Commerce

David D. Mullins  
Air Commerce

George E. Munson  
Aviation Management Flight

James G. Mustin, Jr.  
Management Science

Toufic El Naddaf  
Electrical Engineering

Michael D. Nash  
Ocean Engineering

Anthony C. Naughton  
Civil Engineering

Julio C. Nobre Deas  
Electrical Engineering

Christopher Norton  
Air Commerce Flight
Mark Ravera  
Molecular Biology

Nicholas L Redwood  
Management Science

Tarasia L Remhuf  
Business Administration

Teresa Louise Richardson  
Civil Engineering

Roland Rivera  
Air Commerce

Darcyl A Roberson  
Management Science

Steven D Roberts  
Mechanical Engineering

James Scott Roby  
Air Commerce

Mark A Rodger  
Electrical Engineering

Kevin W Ross  
Transportation Technology

Stephen Ross  
Physics
James R. Stoll
Aviation Management

Robert S. Stoelz
Air Commerce

William T. Striker
Mechanical Engineering

Keith Sturgess
Science Education

Carole Janine Surplus
Geological Oceanography

Jeffery R. Swanson
Air Commerce

Sasan Tahirani
Mechanical Engineering

Samuel T. Shabany
Civil Engineering

Brian J. Tenney
Navy Science

David Terrell
Computer Science

Leo H. Thomason
Electrical Engineering
Kelly R. Thomson
Molecular Biology

Dale Franklin Tillis
Mechanical Engineering

Carol J. Tomick
Environmental Science

Robert D. Travis
Mechanical Engineering

Edward W. Triebell
Electrical Engineering

Michael A. Trotz
Aviation Management

Steve Traxler
Marine Biology

Philip Tyden
Marine Biology

James L. Ursen Jr.
Computer Science

Cristina Van Heinenen
Business Administration

Ira Van Vollenhuven
Management Science
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CRIMSON

Members: 1st Row — Leora Wilson, Gail Fein, Wanda Majchrowicz, Karen Bayha, Mary Harmon, Dean Higgins 2nd Row — Michael Trocha, Jim Urso, Pete Cermey, Sue Jackuback, Stacey Smith, 3rd Row — Robert Bachman, Scott Parker

Not Pictured — Michael Stabler, Barbara Durham, Ken Swartzendruber, Karen Jo Kestian, Oscar Kramer, Gwen Decort, Brian Tenny, Glenn Feltz, Bruce Hertzel, Michael Young, Bill Arceneaux, Brian Burton
ALPHA ETA RHO

Members: Craig Ritter, President; Brian Burton, Vice-President; Pam Routi, Secretary; Jeff Mosssey, Treasurer; Glen Wattman, Pledge Master; Bob Fishman, Sue Ricchetti, Parag Gangawala, Steve Kowalski, Parker McClellan, Jim Dereck, Faculty Advisor; Pledge: Bob Allen, Rasa Alajbegzuk, Steve Pannezzo, Jim Blackford, David Tornabene, Kathy Varley, Kurt Anderson, Brian Morse, Scott Stokk, Tom Hodge. Not Pictured: George Manson, Roger Giudone, Mike Weaver, Jamie Lombardi, Charles Grad, Dwight Anderson, Mike Boyd, Mike Thompson, Jim Lay, Jon Oesterreich, Tom Dunno, Bill Rempe, Lou Stegman, Scott Smith.
"The American Institute of Aeronautics and Astronautics is a national organization for the advancement of the arts, sciences, and technology of aeronautics, astronautics, and hydronautics." It encompasses people in all fields of science, engineering, and aviation.

AIAA began in 1963 through the merger of two organizations: The Institute of Aeronautical Sciences and The American Interplanetary Society. It has since then grown to be one of the largest and most prestigious national organizations.

F.I.T.'s local student chapter contains engineering, science (biology, psychology, space science, oceanography, chemistry, computers), flight, and management majors. Each member gains experience in working with people in different fields of study. He/she also has the opportunity to become acquainted with the members of the Cape Canaveral Senior Chapter of AIAA, which contains people working in industry, i.e., scientists and engineers from Harris, Martin Marietta, Rockwell International, NASA, United Space Boosters, . . . Each member has a chance to meet and talk with these people at monthly dinner meetings. This is an excellent opportunity for graduating seniors to become acquainted with "potential employers."

AIAA.

As for projects, F.I.T.'s student chapter is best known for the "hot air balloon", which is traditionally launched during science and engineering week and parents week. The largest project, however, that is headed by AIAA, is the construction of the research center located at F.I.T.'s observatory. This facility will enable students and professors to conduct research in astronomy, photography, computers, and electronics.

A special characteristic of the local student chapter is that members traditionally view the shuttle launches from within KSC. All members have the opportunity to attend these memorable events.
The F.I.T. student affiliate chapter of the American Chemical Society is part of a national organization of scientists and engineers with an interest in chemistry.

The chemistry program is fairly new to F.I.T. and so is the student affiliate chapter of ACS. ACS came to F.I.T. in the fall of 1979 and has managed to continue uninterrupted in spite of the numerous other clubs that have emerged with overlapping interests.

It has always been the objective of this organization to instill a professional spirit among its members and to maintain professional pride in chemistry. It has done so through the use of films, tours, guest speakers, and anything else that would show members what chemistry means in today's world and how it is interwoven with every aspect of our modern society. ACS also engages in activities to inform others of the magic of chemistry, through such activities as sponsoring speakers and exhibits during Science and Engineering Week and the sale of chemical publications and other articles at reduced cost.

ACS has services to help its members prepare for and present technical material before chemical audiences, in obtaining information on approved graduate schools, and in finding both summer and permanent employment. Members: John Mertz, Gina Oliverio, Peter Nyler, Allison Farone, Jeff Heggen, Joseph Cragas.
The F.I.T. Astronomy Society is an inter-disciplinary organization geared toward achieving the maximum utilization of the facilities of the F.I.T. Observatory, as well as the promotion of Astronomy in general in Central Florida and the Space Coast. The Society hosts open-house tours for Parents’ Day, Alumni Day, and Orientation, as well as for special astronomical events. It also regularly sponsors observing sessions and star parties for its members. The Society actively participates in Space Sciences and Astronomy carried out using Observatory facilities, and is currently engaged in several design projects to increase the research potential of the Observatory.
ETA KAPPA NU

Eta Kappa Nu has grown steadily since its establishment at the University of Illinois in 1904. In the first ten years, ten chapters were formed. In the first fifty years, 56 chapters were in existence. Since 1954, the association has added 76 chapters. In 1977, it had 142 chapters and over 120,000 members.

Outstanding persons are elected to Eta Kappa Nu from the junior and senior classes of undergraduate electrical and computer engineering programs. Graduate students may be elected also; and others may become members while they engage in their professional practice. For undergraduate students, eligibility must depend largely on the records established during the first two or three years in college. Therefore, it is important that you set your goal early and strive steadfastly, first to do well scholastically; and, second, to give some of yourself to carefully selected activities which will help your school and fellow man. In turn, these accomplishments will bring returns to you as well.

While one of its purposes certainly is the stimulation and reward of scholarship, Eta Kappa Nu has a far broader purpose. Than merely to award a badge of distinction to scholars. As conceived by its founders and as carried forward by its membership during more than two generations, another aim is to assist its members throughout their lives in becoming better professionals as well as better citizens. In turn, it is still another purpose of the organization, that its members be a constructive force, helping fellow members and non-members alike to improve the standards of the profession, the courses of instruction, and the institutions where its chapters are established.
Officers: Edward Treichel, President; Catharina Dahhelday, Vice-President; Randy Estes, Secretary-Treasurer; Todd Fancher, Historian; Sue Bond, Public Relations.

Members: JoAnn Alden, Charles Aliss, Jeff Collins, Lori Lee Dues, Julian Field, Puonam Hanza, Amy Hembry, Maria Harwood, Weent Houven, Laurid Kreutzer, Henry Kuiper, Steven Marks, Bill McCormick, Deborah Medina, Mary Moor, Alan Shawcross, Kelley Shoemaker, Barry Sarnbury, Jeff Straight, Carole Suplins, Stephen Treslar, Lynn Wexworth, Karen Williams. (Not Pictured: Richard Herrlinger, Maureen Mondor, Mark Rodgers, Bonnie Stanka, Derek Tremain, Nancy Walker, Luis Zedan)
CAMPUS ACTIVITIES BOARD

Members: Executive Committee: Fran LaSala, President; Joe Slepk, Vice-President; Bonnie Straka, Secretary; Paul Connor, Budget Director; Mona Rudzik, Director of Student Activities. Special Celebrations; Sandy Oshinoke; Film Chairman, Mike Nash; Creative Recreations; Ralph Gaine; Promotional and Informational, Donna Waters; Rubskeilor Manager, Ron Brockenbrey
SOCIETY FOR SCIENCE FICTION AND FANTASY

First row (l-r): Undecided; Guru Grebrenlisnol; Mossman the Avenger; Wow Bagger the Infinitely Prolonged President A.J. Nin
Second row (l-r): Lord Reisnif; Keeper of the Staff Virility; The Master; Nomel Rellik.
Third row: The Ghost of Lefty Potshards
Missing: Pete Cerny, Vice-President; and a cast of thousands.

The Society for Science Fiction and Fantasy was formed in 1972. It was formed to promote interest in Science Fiction and Fantasy in this school. In the past the club has brought eight Science Fiction Conventions to the school, has sponsored film festivals, and has also arranged transportation to the Space Shuttle launches. This club would like to take this opportunity to thank Mike Nash and all the other various departments for their contributions that have enabled the Society for Science Fiction and Fantasy to survive.
Inter varsity Christian Fellowship is an autonomous student group whose purpose is to establish, assist, and encourage Christian witness on campus. Evangelism, discipleship, and missions awareness are the three major objectives of the group. The leadership and ministry are provided by the students who are members of the school’s student body.

I.V. meets every Saturday night in the Campus Ministry building for the large group meeting. During the week several Bible studies meet at various times and places on campus. The Saturday night meetings are a time for students to assemble for discussion of predetermined topics of interest, singing, eating, and just having a good time. I.V. also plans special activities throughout the year, such as trips to Wet-n-Wild, concerts, picnics, parties, Christmas, Carolling, Dinners, Etc.
The Korean Student Association was registered as an active F.I.T. organization last Fall quarter. Our advisor, Professor is Dr. Junho Choi, he is a little giant.

We are composed of thirty-eight members at the present time. Of those Korean students who have graduated from F.I.T., some have returned to Korea and received high positions in companies and the government. Others continue to study advanced courses in many different universities across the U.S.A. We are very proud of them!

We hope to organize an F.I.T. Alumni Association in Korea at the end of this year. Our purposes are to create strong relations and friendships with F.I.T., and also to aid and create a bond among international students.

Members: Sungkyu Chung, David Kim; Peter Kim; Jungkun Park, Kwangsuuk Seow; Leekoun Kim; Jeoh Park; Jijuung Jeong; Yoonkyu Park; Byoungean An; Myungui Kim; Kwan-sik Park; Seonggiang Kim; Younjae Lee; Hongjun Lee; Changkyeong Heo; Jiyoung Sung; LeeKyoun Lee; SungSoa Chung; JaeSik Lee; Syngyool Kang; Taedong Kim; Kyungh-oon Yoon; Chungseu Kwon; Wonyong Chung; Eumook Kim; Jaeyum Kim; Kiljae Lee; Manho Lee; Yooshin Lee; Changbok Yim; Jakyung Koo; Yongdoo Chung; Minsong Yoo.

Dr. Choi Junho, Advisor; Tae Wuk Lee, President; Hwankyu Cheong Vice-President; Yongill Kim, Secretary.
LUNAR SPACE DISC

[Image of a group of people wearing jerseys and shorts, possibly a sports team, outdoors]
The Medieval Eating and Drinking, or MEAD, Society is one of the newest organizations at F.I.T., having been founded during the last few weeks of the Spring, 1982 quarter. We are not a "Dungeons and Dragons" game club, but rather a society seeking to re-create the flavor of the Middle Ages through a variety of activities including feasts, fairs, and mock combat with padded weapons. Our membership is presently around thirty, and we hope to increase this to seventy or more so that we can organize reenactment of medieval battles.

We have instituted an underlying medieval social structure that goes into effect at activities such as feasts and battles. Each member of the Society creates a "character" or personality which he assumes during MEAD functions, and can run the gamut from knights and ladies-in-waiting to Viking and Samurai warriors and serving wenches. These characters are ruled by a king who is chosen from them through a series of trials of skill, intelligence, and bravery. Although all characters must play final homage to the king, they are free to struggle for power amongst themselves, setting the stage for single combat or pitched battles. There are few limitations on characters, as long as they can somehow fit into the social structure, and even females can become warriors and take part in combat if they wish.
RESIDENT STUDENT JUDICIAL BOARD
SPORT DIVERS
"Be honest, but positive" is the motto of the Student Recruitment Corps. This select group of students works in conjunction with the F.I.T. Admissions Office. They are individually interviewed and the twenty selected become an important asset to the admissions staff.

The SRC students conduct two campus tours daily, and provide visitors and high school students with a "student" opinion, which is sometimes more effective and impressive than the admissions officers themselves. This also gives the prospective F.I.T. student a greater feeling of relaxation, and therefore he/she usually asks the questions they really want the answers to.

SRC was initiated last year by Monica Rudzik, and is continuing strong this year with the new coordinator, Jacqueline Thuell. Both women held the position of Assistant Director of Admissions.

Besides campus tours, SRC students accompany the admissions staff on local recruiting trips, many Florida College Fairs throughout the state, and occasionally will accompany and admissions officer to National College Fairs outside of Florida.

This program has been extremely successful and has provided tremendous assistance to the admissions staff.

Members: Lilly Arner, Andrew Carson, Ruth Connelly, Gregg Frazier, Todd Foncher, Lia Gala, David Kasikern, Stephanie Lee, Shannon Loewen, Catherine Mikaio, Jeff Miller, Tom Murray, Heather Rau, Steve Roberts, Richard Spain, Cynthia Smith, Kevin Smith, Steve Traslser, Ed Triebell, Kim Vazquez, Oscar Deloro
Heartbeat, The Rhythm Of Life

Beta Beta Beta (Tri-Beta) is a national honor and professional society for students of the biological sciences. Tri-Beta was founded in 1922 at Oklahoma City University by Dr. Frank G. Brooks and became a national organization in 1925. The local Chapter, Sigma Psi, was established in April 1981.

The primary goals of Tri-Beta are to promote an academic interest and research in areas of the biological sciences. Sigma Psi is committed to the advancement of academic and research endeavors in the biological sciences.

In pursuit of these goals Sigma Psi has established an active speaker program for dissemination of information on current topics. To enhance student and faculty rapport Tri-Beta organizes social engagements, such as, the Annual Tri-Beta Banquet and Spring Picnic.

F.I.T. provides the means for pursuit of undergraduate research with an active senior research program. Five papers were presented at the Annual District meeting by members of Sigma Psi. Pam Bailey won the Frank G. Brooks Award for outstanding undergraduate researcher, and Darby Irons won the Loga Award for the Tri-Beta newsletter.

Sigma Pius, although a young organization, exemplifies the goals and ambitions of the national charter.

TRI-BETA
RESIDENT ASSISTANTS
Well, Garfield has arrived. This year and last year has brought him wide fame and commercial success. He has his name on just about anything.

His books have topped college best selling lists. And now here he is, and as you can see he has a few things in common with college students: stimulants, food problems, women problems, napping, and a tendency towards the ridiculous.
COLLEGE PLAYERS

PRISONER OF SECOND AVENUE

AMERICAN SOCIETY OF CHEMICAL ENGINEERS

Members: Elizabeth Hemgham, President; Patrick Pinchera, Vice-President; Terry Venne, Secretary-Treasurer; Jeff Straighb, David Benjamin, Martha Kelley, Paul Arends, Torge Mesquita, Frank Parrish, Mark Moehler, Tina Huggle, Diane Williams, Mark Burdeshaw, Rinaldo Agyastini, Larry Geyfll, Anthony Asridge, Tom Costans.
FENCING CLUB
Susan Brown
Business Administration

Cathrina Dubbelday
Psychology

Tim Kuiper
Electrical Engineering

William McCormick
Ocean Engineering

Deborah Medina
Computer Engineering

Bonnie Stanka
Air Commerce

WHO'S WHO
Lori Dunn  
Computer Engineering

Louis Estes  
Mechanical Engineering

Ronni Katz  
Molecular Biology

Laurie Kuestner  
Preprofessional Biology

Betty Stansbury  
Air Commerce

Edward Triebell  
Electrical Engineering

James Urso  
Computer Engineering

Nancy Walker  
Electrical Engineering
I.E.E.E.

The Institute of Electrical and Electronics Engineer (IEEE) is the world's largest technical professional engineering society with over 250,000 members of which 55,000 are student members. IEEE was founded back in 1884 with such distinguished engineers and scientist as Alexander Graham Bell and Thomas Edison among its charter members. The institutes worldwide membership is geographically divided into 10 regions, 242 sections, and 470 student branches.

Members of the IEEE Student Branch at F.I.T. are Electrical and Computer Engineering majors. There are approximately 100 student members in the institute at the present time. Members range from freshmen students to upper classman standing. Many take advantage of the benefits and activities readily available to the members at the branch and worldwide events such as yearly professional conferences. The institute coordinates many activities during the year ranging from technical lectures and presentations, technical tours, student faculty banquets as well as recreational activities.

IEEE is increasing its membership every year and every year new plans are being made to increase the benefits available to the members.

The institute is directed toward the advancement of student welfare as well as the professional aspect of engineering.
SAILING CLUB
SOCIETY FOR
ADVANCEMENT OF MANAGEMENT
SOMETHING COLD FOR A HOT DAY
ICECREAM FESTIVALS
IT'S ALMOST TOO CONVENIENT
MELBOURNE SQUARE
THIS BREAK IS BROUGHT TO YOU BY
This year the Rat has enjoyed renewed popularity. The past few years the Rat looked as though it wouldn’t exist another year. But this past summer the Rat got a face lift and with this a larger crowd. So make a point to go there for food, relaxation, and a few drinks. Especially those nights with specials — like Greek Night.
Society of Women Engineers is a national organization designed by men for women to discuss the problems of working in a man's professional organization. F.I.T. along with many other schools throughout the United States has started a student section so that students may find out about the professional world before they enter it.

The main purpose of the student section is to assist the school of Science and Engineering in promoting engineering in high schools. We also bring speakers in to discuss the professional world and their problems and accomplishments. The F.I.T. section has been lucky to have many resources in the area to pull on. Recently a V.I.P. tour to the Cape was taken where we were taken right in to see the shuttle and were able to talk to some of the top engineers on the program.
SURF CLUB

Christel Roever, President; Scott Neuman, Vice-President; Roger Jolley, Treasurer; Nicole van Ligtenberg, Secretary; Donald Duchesneau, Head Judge; Randy Rees, Contest Coordinator; Jimmy Vreeland, Party Chairman; Jeff Pool, C.A.B. Representative.

Members: Jimmy Baldwin; Chris Barrett; Kirk Cadrette; William Cook; Greg Davis; Duane Defreese; Frank Duncan; Suzanne Duncan; Charlie Duvell; Mike Elwood; Bob Feckner; Chuck Gilley; John Hargaden; Karleen Hegney; Jim Hruby; Carlos Junko; Mike Kelly; David Kim; Craig Lambert, Luis Lorenzo; Brett Malden; Jim McCann; John McKechnie; Kent Mcmillan; Bob McSweeney; Felix Otte; Joe Quehl; Jeff Qwinn; Mike Ring; Sterling Schultz; Curt Scott; Rich Seleski; Dave Smith; Chris Spengler; Stan Stronk; Jim Tarran; Ken Terrell; Gordon Vanganti; Tina van Heingen; Rich Vernal; Todd Williams.
The Student Government Association of Florida Institute of Technology now exists to provide students with services. In the past it had been oriented toward providing activities and allocating funds to clubs and organizations.

From the new constitution arose Directorships and staff positions. The directors carry out projects offer services in the areas of Athletics, Special Projects, Public Affairs, University Affairs, and Legal Affairs. The staff helps the directors accomplish their goals by providing them with whatever resources are necessary. This is done through four Assistant Chiefs of Staff, (Media, Informational Services, Opinions Research, Human Resources) all coordinated by the Executive Chief of Staff.

The goals of this administration were epitomized in the campaign slogan, "Representing the Apathetic Majority." We are striving to improve communications in all aspects. We believe the easier it is for students to know what is going on the more likely that they will take interest.

Student Government Association is happening for the Students!!!
The Student Government Senate is comprised of one student from every academic department at F.I.T. The Senate has an important role in the functioning of S.G.A. It is the voice of the student body. Representation of the student body is the whole purpose of S.G.A. and the Senate.
YOUR ALTERNATIVE ROCK SOURCE

Managers: John Shaffery, General Manager; Wayne Fried, Program Director; Kevin McLaughlin, Music Director; Shannon LoVerme, Promotions Director; Mark Ravera, Promotion Director; Curt Waters, Chief Engineer; Sonny Marble, Classical Music Director; Christina Porteado, Assistant Production Director; Doug Koskey, Operations Director; Joe Namour, Traffic Director; Brian Tenney, Sales Director; Oscar Krammer, Assistant Engineer
GREEK COUNCIL

Officers: Joe Slevnik, President; Paul Conner, Vice President; Tom Fox, Treasurer; Jeff Loccisano, Secretary; Dave Kniskern, Sergeant-at-Arms.

Representatives: Sean Gough, AE; Hundy A Lawrence, A A; Chris Eason A; Bonnie Stanka, B; Rob Smith, X; Kevin Murphy, XA; Todd Schackne, KT; Paul Onorato, KA; Matt Mead; David Tecell; KA; Lynn Brown, K.

Greek Advisor: Monica Rudzik
ALPHA EPSILON PI

ALPHA PHI ALPHA

Members: Huntley Lawrence, Mark Holloway, Kevin Smith, Michael Trott, Ronald Mathieu, Percy Owens, Steven Davidson.
ALPHA OMEGA

Members: Steve Arrono, Jim Berts, Chris Eason, Bob Heath, Doug Hugget, Rich Huntsinger, Jeff Loccisano, Doug MacCullagh, Steve Marks, Mike McCluskey, Mike Payne, Ron Raedeke, John Rusnak, Mike Solimine, John Thiede, Merrill Thrash, Greg Trimboli, Andy Walker, Randy Young, Mark Zweidinger.
We are the oldest fraternity at F.I.T., this chapter being established in 1968. We have a fine old house with an interesting history all its own. It is nearly a centur...
GAMMA PHI BETA

KAPPA ALPHA PSI

Members: Courtney Bailey, Joseph Gastins, Clifford Jones, Kevin Randolph, Oliver Boxman, Drew Smalling, David Terrell, Joe Steward.
LAMBDA CHI ALPHA

Members: Steve Kirchmyer, Jim Stoll, Mark Maher, Steve Traxler, Dave Kaiskern, Chris Hillenbrand, Don Hammel, Ray Woosley, Kevin Murphy, Chris Pontello, Tom Stokes, Keith Mears, Mike Kell, Dennis Kingsley, Thomas Murray, Andrew Carson, David Mackovjak, Sean Vannoy, Ross Peebles, Anderson Hailey, Robert Bachmann, Blake Miller, Peter Staab, Bitty Klomp, William Strike, Gary Sanderson, Brian Tenney, David Martin, Tony Naughton, Paul Connor, Frank Soliwoda, Clint Christ, Bob Schatzel, Fred Simmler, Randy Estes, Jon Gwin, Ed Triebell
PHI KAPPA TAU

“LET THE TRADITION BEGIN…”

As the Ad Astra commemorates the twenty-fifth anniversary of F.I.T., Phi Tau is proud to announce its own beginning this year. Our slogan has been more to us than just a few catchy words — it has represented the pride we feel in establishing a new fraternity on campus. We are the newest part of a national fraternity over one hundred chapters strong. From Albuquerque, New Mexico to Troy, New York, From Oxford, Ohio to Melbourne, Florida, the name of Phi Tau is heard and celebrated.

Members: Ralph Ganeles, Todd Shackne, Cahries Tackett, Todd White, Harry Chin, Kevin Myhre, Mitch Babey
SIGMA KAPPA

Sigma Kappa, F.I.T.'s newest sorority, began its colonization by initiating thirty-one pledges on May 25 and June 1 of Spring Quarter last year. Installation came the following Fall on November 13, 1982.

Future plans include work on our three main National Philanthropies, which are Gerontology, Maine Sea Coast Mission, and American Farm School. In our first philanthropy, Gerontology, we will provide our services to the senior citizens of the community. In fact, Sigma Kappa is the first sorority to have Gerontology as one of its National Philanthropies. The Maine Sea Coast Mission, Our second philanthropy, will allow us to provide aid in the form of food, shelter, clothing, and medical help to the islands off the coast of Maine. In our third philanthropy, we will provide funds for the American Farm School in Thessaloniki, Greece, where we will help further education and bring needed leadership and knowledge to their country.

Sigma Kappa is off to a great start and will continue to grow and prosper in the coming years.

THETA XI

Brothers: Glenn Roberts, Paul Osley, Brian Stewart, Francisco Picorriel, Robert Lynwell, Reed Harrison, Marc Heuer, Mike Nash, Matt Mead, John Conaton, Matt Kalus, Mike Commer, Rich Romero, Severo Herdan, Wally Everett.

Pledges: Jeff, Paul, Craig, Tony, Pete
Squamish was incorporated in 1971 as a nonprofit organization to promote brotherhood and goodwill among its members, local, and national communities. The officers of Squamish consist of Pooh Bob (President), Offensive Captain (Vice President), Defensive Captain (Social Director), Chancellor of the Exchequer (Treasurer), and Scribe (Secretary). The name "Squamish" was taken from a game created by Mad Magazine for delinquent children. Some excerpts follow:

"... A Squamish team consists of 43 players... four shallow brooders... three offensive hibbings... two overblasts... nine back-up finks... a dummy... "... each player is equipped with a long hooked stick known as a frullip... used to halt opposing players attempting to cross your goal with the prizt (ball)... The official prizt is 3 & 3/4 inches in diameter and is made of untreated ibex hide stuffed with blue jay feathers..." "... The game of Squamish is played on a five sided field of the flutey and play seven ogres of three hours each unless it rains in which case they play eight ogres..." In the past, many Squamish brothers (male and female) have held positions in FIT's school activities including SGA Presidents and members, Student Court, Crimson, Ad Astra, WFIT, and Homecoming Queens and courts. As a group, Squamish has helped with Jungle clean-ups, coffee houses, Indialantic Art Shows, and benefits sponsored by the Easter Seal Foundation. Also, Squamish has participated in FIT's intramural sports including football, and softball.

In the future, Squamish wishes to increase membership and become involved in more activities.

PI KAPPA ALPHA

GREEK WEEKS
GONE BY . . .
A DAY IN

You start off in the morning. The alarm rings, and you quickly shut it off. Unless you are a real morning person, you go back to sleep for at least ten minutes, and then off to the shower, unless you’ve slept till ten minutes before your class. After you shower, you go to class. Maybe you commute, so you take your bike or car. If it's a car, good luck finding a parking space...
THE LIFE

OF

... The class is over so you immediately check your mail, as you probably do a hundred times a day. No mail of course ...
... After the mail excursion, maybe you'll crash for a while. But then again, you can go to the patio or circle and talk. A favorite place to see commuters is in the library. If you have a long break and it's warm, you can work on a tan ...
... Of course there is lunch at PFM, the cafeteria, or if you are feeling rich you can eat out. Then maybe you have another class. Now it's time for dinner and the evening activities ...
In the evening you probably study some. Then visit with your friends, and possibly have a friendly drink in the rat. Now you're ready for another day!
25 YEARS

4/18/38 1st U.S. earth satellite launched
5/27/38 Nikita Sikorski succeeded Nikolai Baganlin as premier of the U.S.S.R.
6/1/38 Gen. Charles de Gaulle became the French Premier
8/3/38 1st under sea crossing of the North Pole, completed by the Nautilus
10/4/38 5th U.S. transpacific passenger service started by British Overseas Air
8/3/38 U.S. atomic submarine surfaced after a record 60 days of being
10/9/38 Pope Pius dies
5/15/38 Soviets launch Spatnik III
9/23/38 Sherman Adams resigns as Assistant to Pres. Eisenhower
1/1/39 Fidel Castro assumed power in Cuba
3/3/39 Allies admitted to the 4th war
4/1/39 Oklahome repealed prohibition
4/25/39 St. Lawrence Seaway opened
6/9/39 The George Washington, 1st U.S. ballistic missile submarine launched
7/21/39 U.S. States, 1st atomic-powered merchant ship launched
7/23/39 V.P. Richard Nixon visits Soviet Union
8/23/39 Hawaii admitted as 50th state
9/15/39 Soviet Premier Khrushchev visits U.S.
10/6/39 Nato announced 1st nuclear test.
1/4/40 European Free Trade Association established
3/9/40 1st French World War II explosion
5/2/40 Cheryl Yeoman put to death for robbery, kidnapping and attempted rape
5/1/40 U.S. 1st reconnaissance plane piloted by Francis Powers shot down over USSR
4/11/40 U.S. launched 1st weather satellite, Tiros I
5/6/40 Princess Marjorie, margarine Antion Armstrong-Jones
7/1/40 U.S. RB-47 reconnaissance plane shot down over Barren Sea
7/20/40 Polaris missile launched from submerged nuclear submarine
11/8/40 John Fitzgerald Kennedy elected 35th President
11/16/40 U.S. backed richest group in Laos takes power
1/3/41 U.S. serum Diplomatic and consular relations with Cuba
5/1/41 U.S. Peace Corps created
12/1/41 Maj. Yuri Gagarin of the USSR becomes the 1st human space traveler
4/17/41 “Bay of Pigs” invasion of Cuba fails
5/3/41 Commander Alan Shepard Jr. is on the first manned sub-orbital space flight
7/12/41 East Germany closed the border between East and West Germany
9/9/41 Soviet Union resumed nuclear testing in the atmosphere
10/30/41 Soviet Union sets off largest nuclear blast despite world protests
10/18/41 Secretary General of the United Nations, Dag Hammarskjöld, killed in a plane crash
11/29/41 U.S. scientist fired a chimp into orbit
2/20/42 Lt. Col. John Glenn Jr. is the first American in orbit
2/4/42 Pres. Kennedy said U.S. military aides in Vietnam would fire if fired upon
5/26/42 Supreme Court backs one-man one-vote apportionment of seats in state legislatures
4/10/42 U.S. steel price increases rescinded
6/26/42 Supreme Court rules prayer in public schools unconstitutional
7/12/42 1st U.S. communications satellite launched
8/14/42 Largest cash robbery in U.S. history $1.55,277
10/1/42 James Meredith becomes the first black student at U. of Miss. after 3,000 troops put down riots
10/22/42 V.P. Johnson orders Soviet Union to stop military aid to Cuba
12/23/42 Cuban invasion planners released and flown to the U.S.
5/15/43 U.S. Maj. Leroy Gordon Cooper orbits the earth 22nd time
5/16/43 Supreme Court rules all criminal defendants must have counsel and illegally acquired evidence not admissible in court
5/3/43 Pope John XXIII dies, replaced by Pope Paul VI
16/5/43 Supreme Court rules the recitation of the Bible and Lord’s prayer unconstitutional
7/25/43 Limited nuclear test ban agreed upon by the U.S., U.S.S.R., and Great Britain
8/28/43 200,000 people, predominantly black, hold a civil rights demonstration in D.C.
9/1/43 John F. Kennedy assassinated
11/24/43 Lex Harvey Oswald accused of murder of J.F.K.
1/19/43 U.S. troops in Vietnam total 15,000 and aid to South Vietnam over $500 million
1/19/44 Panama suspend relations with U.S. after riots
1/27/44 Supreme Court orders congressional districts have equal populations
2/7/44 U.S. sends military planes to Laos
4/4/44 There are civil rights workers burned, 21 white men arrested
6/24/44 Civil Rights Act of 1964 passed
8/4/44 U.S. planes bomb North Vietnamese bases after N. Vietnam

OF NATIONAL GROWTH AND HISTORY

attacks U.S. destroyers
Lee Harvey Oswald is thought to have acted alone in murder of
J.F.K. Kennedy
Alexei Kosygin becomes Premier of USSR and Leonid Brezhnev
takes over party leadership
Communist China conducts a successful test explosion of its 1st
nuclear bomb
Lyndon Johnson elected president
Pres. Johnson orders continuous bombing of North Vietnam
USSR Li Col Alexei Leonov becomes the 1st man to walk in space
14,000 U.S. troops sent to Dominican Republic to prevent
terrorist take over
Civil Rights march lead by Martin Luther King Jr. from Selma to
Montgomery Alabama
new voting rights act passed
Negros in the Watts area of Los Angeles riot
Water Quality Act passed
national origins quota system of immigration abolished
massive electrical power failure resulting in blackouts over most of
northeastern U.S. and parts of Canada
U.S. forces in Vietnam reached 184,500
fire aboard Apollo I killed astronauts Virgil Grissom, Edward
White, and Roger Chaffee
Black representative Adam Clayton Powell was denied his seat
in congress because of charges ofouse of government funds
massive tariff cuts were approved by 55 countries
representatives by congress for using campaign for personal benefit
Pres. Johnson and Soviet Premier Kosygin met and agreed not to
let any crisis push them into a nuclear war
Thurgood Marshall becomes the first black Supreme Court
justice
Vietnam was protested by 15,000 in Washington Peace March
racial riots in Newark, NJ and Detroit, MI left 66 people dead
Dr. Christian Barnard performed the first successful heart trans
plant
475,000 U.S. troops in South Vietnam are all subject to bombing by
Vietcong
four bombs fell from a R-52 bomber after it collided with a fire
tanker, none of the bombs exploded
U.S. forces begin firing into Cambodia
bombing of Hanoi area of North Vietnam begins
France withdraws all its armed forces from NATO
Medicare program is initiated
eight student nurses slain in a Chicago apartment building a
sniper shot at the U. of Texas tower shot 44 people killing 14
before he was shot in death by the police
Luci Johnson, daughter of Pres. Johnson, marries Patrick Negren
Edward Brooke becomes the first black U.S. senator in 85 years
U.S.S. Pueblo is seized in the Sea of Japan
“Ten Thousand” communist troops attacked Saigon on 3 prov
capacity capitals
white racism cited as chief cause of black violence in a commision
report on civil disorders
Rev. Dr. Martin Luther King Jr. is assassinated
Vietnam preliminary peace talks begin in Paris
U.S. nuclear submarine Scorpion and crew presumed lost
Senator Robert Kennedy is shot and dies the next day
Soviet Union invades Czechoslovakia to crush a liberal regime at
the Democratic National Convention in Chicago the police clashed
with anti-war demonstrators
U.S. astronauts Borman, Lovell, and Anders made 10 orbits
around the moon
Dwight Eisenhower died
U.S. 1st reenactment of the U.S. constitution is shot down by N. Korean
jets in the Sea of Japan
Supreme Court Justice Abe Fortas resigned
Chappaquiddick incident involving Edward Kennedy
U.S. astronaut Neil Armstrong became the first man to walk on
the moon
Americans protested the war on Moratorium Day
Pres. Nixon appealed to the silent majority for support of his
program in connection with the Vietnam War.
the U.S. and U.S.S.R. began preliminary SALT talks
Pres. Nixon’s nomination of Clement Haynsworth to the
Supreme Court is rejected
The Selective Service System held the first draft lottery since
1942
the wife and daughter of Joseph Yablonsky, Untied Mine Workers
Offical, were found shot to death
the Supreme Court ordered 14 school districts to be integrated
a jury found the defendants of the “Chicago 7” charge of
conspiring to incite riots during the Democratic
the U.S. case in 1st veto in the United Nations Security Council

books.yearbooksanning.com/books/mrtx/#p=1

148/264
4/22/70

Four students were killed when guardsmen fired into a group of anti-war demonstrators...

6/17/72

The IRA amendment is introduced.

11/17/72

The White House announced plans to sell U.S. grains to USSR.

6/3/73

Senator Hartley Act to end United Mine Workers. 

8/10/73

President Nixon visits in Moscow, the first such visit ever.

5/17/74

Environmental Protection Agency announces a total ban on DDT.

11/7/74

The first U.S. combat troops leave Vietnam.

10/10/74

President Ford is sworn in as the first Vice President not to be elected.

10/3/75

U.S. oil companies reported huge profits for the fourth quarter of 1975.

7/25/76

A man-made heart keeps a alive.

5/16/74

A beating between Ireland and England.

12/23/70

Nixon to go to China, as back taxes and interest.

5/9/74

Impachment hearings against Nixon are opened.

7/24/74

Supreme Court trial that Nixon must turn over 64 tapes of White House conversations.

7/24/74

House Judiciary Committee recommended three articles of impeachment against Nixon.

8/9/74

Nixon resigns.

9/8/74

President Ford issued an unconditional pardon to Nixon for all federal crimes.

12/9/74

Boston's voting plan for racial integration met with violent protest from whites.

12/21/74

U.S. citizens evacuated from Saigon are published a report of the CIA.

10/27/75

Mitchell, Haldeman, and Ehrlichman found guilty of Watergate cover-up charges.

8/10/75

Illegal CIA operations described by panel headed by Vice President Rockefeller.

6/17/75

N.Y.C. court default on notes avoided.

7/17/75

U.S. Apollo and U.S.S.R. Soyuz link together.

6/30/75

James Moffo, Teamsters' president, disappears.

5/17/75

An assassination attempt on Gerald Ford fails as does a second attempt.

9/10/75

Patricia Hearst captured by FBI in San Francisco.

12/19/75

The last combat forces leave Vietnam.

2/4/76

Liberians by Lockheed Aircraft Corp. revealed.

5/5/76

Mechanical respirator keeping Karen Quinlan alive could be turned off by a decision of the N.J. Supreme Court.

5/5/76

Cater cheating on exams at West Point more widespread than previously reported.

5/24/76

Two British and French supersonic Concord flights to Washington.

3/7/76

Three KKK members convicted and sentenced.

7/4/76

The United States became a separate entity.

2/21/76

A treaty prohibiting nuclear weapons on the high seas is signed.

1/3/76

A treaty prohibiting nuclear weapons on the high seas is signed.

3/15/76

A treaty prohibiting nuclear weapons on the high seas is signed.

6/30/76

A treaty prohibiting nuclear weapons on the high seas is signed.

2/15/76

A treaty prohibiting nuclear weapons on the high seas is signed.

12/30/76

A treaty prohibiting nuclear weapons on the high seas is signed.

2/28/76

A treaty prohibiting nuclear weapons on the high seas is signed.

3/6/76

A treaty prohibiting nuclear weapons on the high seas is signed.

7/17/76

A treaty prohibiting nuclear weapons on the high seas is signed.

11/10/76

A treaty prohibiting nuclear weapons on the high seas is signed.

10/7/76

A treaty prohibiting nuclear weapons on the high seas is signed.

10/2/76

A treaty prohibiting nuclear weapons on the high seas is signed.

12/24/76

A treaty prohibiting nuclear weapons on the high seas is signed.

1/10/77

A treaty prohibiting nuclear weapons on the high seas is signed.

11/17/77

A treaty prohibiting nuclear weapons on the high seas is signed.

12/14/77

A treaty prohibiting nuclear weapons on the high seas is signed.

12/2/77

A treaty prohibiting nuclear weapons on the high seas is signed.

1/10/78

A treaty prohibiting nuclear weapons on the high seas is signed.

10/7/78

A treaty prohibiting nuclear weapons on the high seas is signed.

10/2/78

A treaty prohibiting nuclear weapons on the high seas is signed.

12/24/78

A treaty prohibiting nuclear weapons on the high seas is signed.

1/10/79

A treaty prohibiting nuclear weapons on the high seas is signed.

11/17/79

A treaty prohibiting nuclear weapons on the high seas is signed.

12/14/79

A treaty prohibiting nuclear weapons on the high seas is signed.

12/2/79

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A treaty prohibiting nuclear weapons on the high seas is signed.

11/17/79

A treaty prohibiting nuclear weapons on the high seas is signed.

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10/2/79

A treaty prohibiting nuclear weapons on the high seas is signed.
LAZY DAYS
ARGENTINA SEIZES THE FALKLANDS

April 2, 1982 Argentine troops seized the British held Falkland Islands. British set sail April 5 with Prime Minister Thatcher vowing the Falklands to remain British. The troops landed May 21 and met with little opposition. British air raids cost Argentina about 30 aircraft. 1400 Argentine troops surrendered May 29, after 14 hours of fighting. June fighting ended completely when Argentine troops surrendered at Stanley.

COLUMBIA

US Space Shuttle Columbia landed safely at Edwards Air Force Base in California, November 16 after a five day mission. This mission was its first operational flight after four test flights. The four astronauts on board were Vance Brand, Col. Robert Avermyer, William Lenoir, and Joseph Allen. The key task was the delivery of two satellites into orbit for commercial customers in Houston. The maiden voyage of the Challenger was delayed because of a crack in the engine.

GENERAL DOZIER RESCUED

On January 28 U.S. General James Dozier was rescued from Red Brigade Kidnappers by a special team of Italian antiterrorist forces. He was being held in an apartment in Padua, Italy after being kidnapped in Verona 42 days earlier. The raid was initiated on a tip from an undisclosed source.

ISRAEL/LEBANON

September 16, men supposed to be Christian Militia raided two Palestinian refugee camps in West Beirut, shooting to death hundreds of men, women, and children. The massacre shocked the world. September 20 President Reagan ordered U.S. troops back to Beirut to help in the international peace keeping forces.
JOHN DE LOREAN
John DeLorean, auto executive and founder of the company which produces DeLoreans, was arrested in Los Angeles on October 19. The arrest was made for cocaine trafficking. The cocaine was worth 124 million dollars and was apparently needed to regain control of the North Ireland auto operations.

AIR FLORIDA JET CRASH
On January 14, 1982, a Boeing 737 crashed into the Potomac river in Washington D.C. As the plane crashed it struck a truck and six cars on the crowded 14th bridge. This was the worst disaster for a national airline since 1979. 78 people were killed.

FOOTBALL STRIKE
September 21, the National Football league players began a strike against the league's 28 teams. This strike caused the first regular season washout in the 63 years of the NFL. The players stiked due to a failure to negotiate basic labor agreements demanding 35% of the owners total revenues.

BRAUNIFF AIRLINES
May 13, Braniff Airlines laid off 9,500 employees. The eighth largest national airline filed for bankruptcy under Chapter 11. It was the first major airline to fail.

MX MISSLE
The House of Representatives voted December 7 to eliminate funding of the MX Missile in fiscal 1983. This is the first time since WWII that either the House or the Senate has rejected a President's request for a major defense weapon system. The House did retain 2.5 billion dollars in appropriation bills for continued research and development of the MX Missile.

REV. SUN MYUNG MOON
Rev. Sun Myung Moon was found guilty on May 18 of tax evasion. Moon is the founder and leader of the Unification Church which claims a world wide membership of three million.
TYLENOL

During the week of September 29, seven people from suburban Chicago died after taking Extra Strength TYLENOL capsules which were tainted with cyanide. The capsules had been emptied, laced with the poison, and returned to store shelves. A recall of some 264,000 bottles was ordered by McNab on October 1. The Food and Drug Administration warned consumers to stop using TYLENOL capsules and on October 5, ordered a national recall.

ARTIFICIAL HEART

December 2, doctors at University of Utah Medical Center Salt Lake City successfully implanted a permanent artificial heart in Barney B. Clark, a 61-year-old retired dentist. The seven and a-half hour operation was the first of its kind. A second operation was needed December 4 to deal with subcutaneous leaks of air from the patient's lungs. The medical team was lead by Dr. William DeVries and the heart itself was made of polyurethane plastic and aluminium. The heart was developed by Dr. Robert Jarvik.

FIVE CENT GAS TAX

A $5.5 billion dollar program to repair roads and bridges financed by a five cent gas tax was, on November 22, backed by President Reagan and top party leaders of the House and Senate. The backers hope to see 320,000 jobs created by the tax increase. This controversial bill was passed on December 23.

The bill did not only increase the gas tax, but it also increased taxes for truckers. This fact caused the truckers to start strikes in February. The threat of violence was used to keep other truckers off the roads.

VIETNAM WAR MEMORIAL

A controversial Vietnam War Memorial to 57,953 soldiers killed or missing in the war was dedicated in Washington D.C. on November 13. An estimated 15,000 veterans marched past the White House to Washington Mall near the Lincoln Memorial where the monument stands. The monument consists of two black granite walls converging into a "V" shape and lists the names of those killed in the war.

BIRTH

Princess Diane and Prince Charles gave birth to a boy, William Author Phillip Louis.

EDWARD KENNEDY

Senator Edward Kennedy announced December first that he would not run in the 1984 presidential campaign. His reason for not running was family problems.
ECONOMY

Key interest rates began falling significantly during the summer of 1982 and closed December 31 at a prime rate of 11%. This fact and optimism of a recovering economy lead the way to the highest stock market rallies ever seen on Wall Street. But unemployment reached levels not seen since the 1990’s.

DEATHS

Leonid Brezhnev, 75
Henry Fonda, 77
Bess Truman, 97
Grace Kelly, 52
John Belushi, 33
Ingrid Bergman, 67
Karyn Carpenter, 34

POLAND

October 8, Polish Parliament approved a law banning all existing labor organizations, including Solidarity. After being held 11 months, former Solidarity leader Lech Walesa was freed November 4. Martial law was suspended in Poland December 31.

EQUAL RIGHTS AMENDMENT

June 30, the proposed Equal Rights Amendment was defeated when the ratification deadline expired. The amendment had was support in 35 states, three states short of being ratified.

FOOTBALL

Super Bowl XVI
San Francisco over Cincinnati
Super Bowl XVII
Washington over Miami
Sugar Bowl
Penn State #1 over Georgia
Rose Bowl
UCLA over University of Michigan

COMMENTS

The last episode of M*A*S*H* aired February 28.

A second Soviet satellite reentered the earth’s atmosphere, but no damage was incurred this time.

The Washington Monument was siezed by terrorist.

Time magazine named the computer Machine of The Year.

Gary Trudeau took a break from his comic strip Doonesbury.
THE FADS . . .
THE FASHIONS

VIDEO GAMES

SCRAMBLER
CRAZY CLIMBER
STAR CASTLE
WARRIOR
ZAXON
PAC MAN
MS. PAC MAN
STARGATE DEFENDER
ASTEROIDS
FROGGER
CATEPILLAR
TEMPEST
DONKEY KONG
JOUST
ROBOTRON
SPACE INVADERS
GALAXIAN
SPACE PANIC
GALAGA

BILLBOARD
Top 50 of 1982
(November ’81 — November ’82)

1. Physical - Olivia Newton-John
2. Eye of the Tiger - Survivor
3. Centerfold - J. Geils Band
4. I Love Rock-n-Roll - Joan Jett and the Blackhearts
5. Ebony and Ivory - Paul McCartney and Stevie Wonder
6. Heart to Heart - John Cougar
7. Abracadabra - Steve Miller Band
8. Don’t You Want Me - Human League
9. I’ve Been Waiting - Foreigner
10. Jack and Diane - John Cougar
11. Hard to Say I’m Sorry - Chicago
12. I Can’t Go for That - Hall and Oates
13. Harden My Heart - Quarterflash
14. Rosanna - Toto
15. Who Can It Be Now - Men at Work
16. Don’t Talk to Strangers - Rick Springfield
17. Theme from Chariots of Fire - Vangelis
18. Let’s Groove - Earth, Wind and Fire
19. Open Arms - Journey
20. We Got the Beat - Go Go’s
21. Shake it Up - Cars
22. Hold Me - Fleetwood Mac
23. Up Where We Belong - Jennifer Warnes and Joe Cocker
24. The Sweetest Thing - Juice Newton
25. Eye In the Sky - Asia Porous Project
26. 867-5309 - Jimmie Johnny Two Tone
27. Leather and Lace - Stevie Nicks
28. Sweet Dreams - Air Supply
29. Let It Whip - Daizy Bland
30. Turn Your Love Around - George Benson
31. You Should Here How She Talks About You - Melisaa Manchester
32. Always on My Mind - Willie Nelson
33. Young Turks - Rod Stewart
34. Key Largo - Bernie Higgins
35. You Can Do Magic - America
36. That Girl - Stevie Wonder
37. The Other Woman - Ray Parker Jr.
38. Even the Nights are Better - Air Supply
39. Here I Am - Air Supply
40. Heart Attack - Olivia Newton-John
41. Oh No - Commodores
42. I Keep Forgetting - Michael McDonald
43. Heart of the Moment - Asia
44. Every Little Thing She Does - Police
45. Only the Lonely - Motells
46. 69 Love Affair - Paul Davis
47. Freeze Frame - J. Geils Band
48. I’ve Never Been to Me - Charlene
49. Tainted Love - Soft Cell
50. Why do Fools Fall in Love - Diana Ross

Top Female Artist
Olivia Newton-John

Top Pop Artists
The GO GO’S

Top New Pop Artists
ASIA

Top Negro Artist
Stevie Wonder

Top Male Artist

158/264
FORMAL
Bow ties
Wing-Tip Collars
Cummerbunds

NEW WAVE
Thin Ties
Bright colors
Patterns

SURFER
Punk Sunglasses
Surfer Shorts
Ron Jon Shirts

SONY Walkmans

TATTERSALLS

PREPPY
LACOSTE
CALVIN KLEIN
TWEEDS
KHAKI SLACKS
KNIT TIES

DOCKSIDERS
POLO

20's LOOK
Baggy Pants
Pointed Shoes

SPORTS
Tennis shoes
Sweat pants
Sweat shirts
Hiking boots
Tennis wear

WOMEN'S
Mini Skirts
Ankle Boots
Ballet Slippers

STRIPES
Songs Since The '82 Charts

Mickey Tony Basil
Man Eater Hall & Oats
Family Man Hall & Oats
One on One Hall & Oats
Tied Up Olivia Newton-John
Do You Really Want to Hurt Me Culture Club
Love Come Down Evelyn King
Steppin Out Joe Jackson
Penny for Your Thoughts Tavares
We've Got Tonight Sheena Easton Kenny Rodgers
Dirty Laundry Don Henley
Gloria Laura Branigan
Sexual Healing Marvin Gaye
Down Under Men at Work
Be Good Men at Work
Rock This Town Stray Cats
Shadows of the Night Pat Benatar
Africa ToTo
Rock The Casbah Clash
The Other Guy Little River Band
The Look of Love ABC
Up Where We Belong Joe Cocker Jennifer Warnes
Missing you Dan Fogelberg
Hand to Hold on to John Cougar
Goody Two Shoes Adam Ant
I Do J. Geils Band
Love on the Radio Fleetwood Mac
You Got Lucky Tom Petty
Everybody Wants You Billy Squire
Shock the Monkey Peter Gabriel
Allentown Billy Joel
Muscles Duran Duran
Stayin' Alive Stayin' Alive
Bad Boy Ray Parker Jr.
Right Before Your Eyes America
Something Going On Frida
Hungry Like The Wolf Duran Duran
Pass The Dutchie Musical Youth
The Woman in Me Donna Summer
Watcha Gonna Do Chilly Willy
Who Can It Be Now Men At Work
Papa Was A Rolling Stone B. Wolfer

MOVIES
FAVORITES

The students voted for their favorites among various categories during the week of January 17, 1983. Where there is more than one listed the votes ran close; otherwise, when only one is listed, it doubled its competitors.

Here are F.I.T.'s favorites:

Actor
Dustin Hoffman

Actresses
Sally Fields
Jane Fonda
Katherine Hepburn
Merrill Streep

Comedian
George Carlin

Movies
E.T.
An Officer and a Gentleman
Tootsie

Prime Time
M*A*S*H*

Soap
General Hospital

Sports Personalities
John MacEnroe
Hershel Walker

Vocal Groups
Chicago
Fleetwood Mac
Loverboy
Men at Work

Female Vocalists
Pat Benatar
Stevie Nicks
Olivia Newton-John

Male Vocalist
Dan Folgelberg

For Sure
Tubular
Grody to the Max

“VALLEY TALK”
Although there are always people around and you run into friends on campus, sometime during the year you are going to be alone: solitary.

You may have wanted it that way or no one is dropping by or calling. Still you need this time alone to think through your own problems, sleep, study, or just "veg out" after that big test.
OPENING THE DOORS
It is September again, and the Orientation Staff is busily preparing for the arrival of the freshmen. First, there is the arrival at the airport. Orientation people struggle to help the freshmen with their luggage, while the same thing is happening at the quad with the people arriving by car.

Next you check into your room, while your mother screams, "This is where you’re gonna live for a year." Then a quick dash to the gym only to wait in lines and have forms shoved at you. Finally, you have made it through the gym, and hopefully you are a F.I.T. recognized student.

Now a few days of testing, along with more waiting in lines. There is the line at the bookstore, the line when you pick up your schedule, the line at the registrar, the line at the housing office, and others.

Then there is a little relaxation after the testing. You can get to know some people at the quad and participate in some of the activities of Orientation Week, such as Any Thing Goes.

Finally, after a hectic week you can start the next ten weeks of classes, which promise to be even more hectic.
The past few years health consciousness in America has increased greatly. We even have Olivia Newton-John reminding us of this point. But then, that’s another kind of physical!

People are eating better for the most part; although, there is always McDonalds near by. People are also exercising more. Any form of exercising has become acceptable; running, swimming, tennis, or aerobics. These things are nothing new to college students though.

F.I.T. students have been enjoying exercising here at school for years. Whether this is taking advantage of the sun to swim, or just playing raquetball, tennis, or throwing a frisbee. Some students also like to use the weight room or play in the intramurals which take place year round. Exercising may not depend on F.I.T. facilities.

You may just want to take time on your own to run, or throw a ball around. Of course there is always that one special person you may want to get physical with... but how many of us get that chance!
AT THE DORMS

Dorm life does not seem the greatest at times. In the mornings there are cold showers, there is never enough room, someone is making too much noise while you are studying for your midterm, and of course there is the cafeteria. While things may be going down hill quickly there are also the positive aspects.

There is always something going on. You can walk down the hall to your friends to talk, watch TV, and have popcorn. Of course there is always a night to have pizza delivered or the friend with a car can take you on a fast food raid. If there is nothing going on, Backgammon or Risk become great time consumers. Then there are the unusual aspects of dorm life: throwing people in the showers, fights at MEAD HALL, and your roommate’s girlfriend who becomes a roommate. Studying, of course, can always be done in the dorms also.
THE RUSH IS OVER

Well, supposedly you are settled in for the year. You have a room you've taken the placement test, and got your schedule and bill, unfortunately. Now comes the fun and partying for the rest of the week. Yes, now you too can be an official college partier.

Freshmen got their first chance during orientation week. Wednesday night Rhukus played in the APR, and Friday night the Pick'in Parkers played in the dorm quad. Rhukus rocked the APR for the freshmen, while upper classmen also turned out. Some of the freshmen brought a wave of freshness to the campus and turned out dressed in toga, punk rock, or whatever they felt was appropriate. Too bad this spirit does not last.

Friday night brought the Pick'in Parkers to F.I.T. The Pick'in Parkers and the orientation staff seemed to break the ice and help bring more people together, as did Rhukus.

Freshmen also had other activities to help them adjust to college. Greek Night in the Rat went over well, while the ice cream fest helped introduce the freshmen to college organizations. Play Fair was new to the agenda this year and seemed to be a big hit. Movies and picnic were also some events of the week.
Being able to go home in December and have a tan — it's great.

Having the sun and warm weather is a bonus when you are going to college at F.I.T. The weather allows for a lot of activities you would miss if you were up north, but then again you miss out on the winter sports and activities. Of course, this year brought some chilly weather before we expected it. These cool spells allowed the northerners to put their winter wear to use. Then there are some of the freshmen who have not learned what cold is in Florida, but just give them another year!
STUDY STUDY STUDY STUDY!

[Images of students studying in various settings]
OVER THE SUMMER
The marine fields project lasts for six weeks over the summer. The course gives the students practical experience in their fields. The six weeks are divided into six segments: Physical oceanography, Geological oceanography, ocean engineering, biological oceanography, chemical oceanography, and a week to prepare and present a report.

Work is done on the Indian River, the beach, Sebastian Inlet, and the Bahamas. At Sebastian Inlet currents and topography are studied. Beach profiling and beach movement are included in the course. Also over the six week period, water sampling and analyzing, tows, cores, shark tagging, and navigation of a ship are all done.

Overall, the six week period proves to be an invaluable experience.
JUST

HANGING AROUND
THE 60's
HOMECOMING '83
February 18-26
Fri. 18 Dance
Mon. 21 Homecoming Game
Wed. 23 Woodstock I
Thur. 24 Ralph Nader
Fri. 25 Party in the Rat
Sat. 26 Beatle Mania
Homecoming Candidates and Court:
Opposite page: l to r Lilli Gibbs, Stuart Brental, Donna Kochanowski, 1st runner up: Gregg Fraker, Bottom left: Team SOFT: Eric Sommer, Paul Osley, Dave Fuerze, Rich Tamano, 1983 Homecoming Kings, Bottom right: Lynn Wentworth, 1983 Homecoming Queen
This page: l to r Lynn Hall, Gary Jacob, Marc Jaine, Lisa Pajoff, Upper right: Cathy Varley. Upper bottom right: Bill McCormick, Bottom right: Bonnie Stankus, 2nd runner up
CAMPUS ACTIVITIES BOARD PRESENTS
A TRIBUTE TO
THE BEATLES
SAT FEB 26 8 PM
$3.00 STUDENTS
$6.00 OTHERS
LIVE AT FIT
DUM

Ralph Nader Tickets
February 21 $20.00
A Tribute to the BEATLES
BIG MAN ON CAMPUS

Sigma Kappa's first annual Big Man on Campus Candidates from left to right starting with the top row: Paul Conner, Gary Jacob, Jeff Luccisano, Bill Lynch, Ronald Mathies, Eric Sommer, Joseph Sievnsk, 1983-84 Big Man On Campus, Steve Stephenson
MEN’S CREW

Oct. Head of the Charles
Mar. 12 President's Regatta Tampa
Mar. 26 Florida Aquatic Games Orlando
Apr. 2 J.P. Keuper Cup Tampa
Apr. 9 Miami International Regatta
Apr. 16 Governor's Cup Melbourne
Apr. 23 Florida State Rowing Champ. Tampa
Apr. 30 SIRA Championship
May 14 Dad Vail Regatta Philadelphia
1982 NATIONAL CHAMPIONS
Due to spring delivery of the AD ASTRA, it was impossible to include any material on the crew team’s National title. AD ASTRA feels this feat can not go unnoticed.

CONGRATULATIONS CREW

PHILADELPHIA — The Florida Institute of Technology rowers reached the pinnacle of their college sport Saturday by winning the coveted Dad Vail Trophy, and the overall title in the 42nd annual Dad Vail Regatta national small college rowing championships before an estimated 15,000 spectators, including about 150 F.I.T. supporters.

It is the first time F.I.T. has won the Dad Vail Trophy, presented to the winning men’s varsity eight crew, and the overall championship in the Dad Vail competition. The world’s largest collegiate regatta had its largest field ever, with more than 2,000 rowers from about 60 colleges competing on the Schuykill River in Fairmont Park.

The Engineers had seven of their eight crews in the finals and had winners in four divisions: the men’s varsity eight, men’s junior varsity eight, women’s varsity four and men’s varsity lightweight four.

F.I.T. also had three second-place finishes from freshmen crews (heavyweight and lightweight eight and heavyweight eight), who enabled the Engineers to win the team title with 51 points, five more than the Coast Guard Academy.

“This is by far the best day we’ve ever had at F.I.T.,” said 15th-year Engineer, coach Bill Jurgens. “This was our best performance ever. We had won seven previous titles here, but never the varsity eight. I knew we would someday. And I knew that day would be awful sweet.”

F.I.T.’s varsity eight men finished second in 1977–78 and last year were fourth, only three seconds behind the winner. The Engineers have been among the country’s top rowers for 12 years, but the Dad Vail team title and trophy both have eluded them.

“this is what we point for each year,” said an elated Jurgens, who expected a rebuilding season this year after losing 15 crew members to graduation. “It took 12 years, but it’s all the sweeter.”

Afterwards, jubilant crew members tossed Jurgens, women’s varsity coach Mike Davenport and freshmen coach John Stiffing into the water by the finish line in the grandstand area. “I didn’t mind one bit,” Jurgens said. “Each of us had a good day. They’ve never thrown me in at any other race, but I told them once we get that race, they could throw me in.”

F.I.T.’s men’s varsity eight champions, which won both of their races in 6–10 minutes, were in third place at 1,000-meter halfway point of the finals. But they quickly moved past Connecticut and, in the last 500 meters, sailed past favored Temple University to stay en route to the two-second win.

Varsity eight team members are coxswain Steve Stevens, Mike McDevitt, Jim Kenny, Chris Waski, Steve Fluhr, Greg Hogan, Gary Jacob, Mark Pohlhammer and Scott Barberides.
WOMEN’S CREW

March
12 Preseason’s Regatta
26 Florida Aquatic Games

April
2 J.P. Keuper Cup
9 Miami International Regatta
16 Governor’s Cup
23 Florida State Rowing Champ.
30 SIRA Championship

May
14 Dade Vail

BASEBALL

Coach Les Hall, Dan Becnarrz, Anthony Damiano, Ron Damiano, Bruce Delettre, Fred Engel, Bubba Frith, Gary Grant, Reed Harrison, Roger Henry, Bill Kearney, Russ Manion, Greg Meyer, Joe McAllister, Bruce Noble, Jeff Perry, Mike Rawles, John Restivo, John Ubinger, Theo Walker.
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Standing L to R: Dave Smith, Assistant Coach; Don Woodruff, Gary Phillips, Jon Gwin, Dave Terrell, Jaap VerKerk, Roger Dufour, Head Coach, Second Row Jeff Howland, Manager; Oliver Bozeman, Anthony Wade, Tony Naughton, Third Row: Steve Stephenson, Curtis Pattich, Nino Lyons, Jeff Rutten, Jorge Ramos.

Nov. 20  Palm Beach Atlantic
Nov. 22  Flagler College
Nov. 24  Florida International University
Nov. 26-27  Ancient City Invitational
Dec. 1  Berry College
Dec. 4  Stonehill College
Dec. 15  South Carolina State
Dec. 17  South Carolina
Jan. 3  College of Charleston
Jan. 7-8  High Tech Classic
Jan. 12  St. Leo College
Jan. 15  Nova
Jan. 18  University of Central Florida
Jan. 23  Eckerd College
Jan. 25  Rollins College
Jan. 29  Florida Southern
Feb. 1  Brevard College
Feb. 4  St. Leo College
Feb. 8  Florida International University
Feb. 15  University of Central Florida
Feb. 18  Eckerd College
Feb. 19  Rollins College
Feb. 19  Florida Southern
Feb. 21  Brevard College
Feb. 25-26  Sunshine State Conference
FENCING

Tim Burke, Cave Brown, Walter Fauch, Scott Smith, Keith Hoyle, David DeMachell, Anthony DeMitchell, Tracy Hutchins, Mike Yeumans, Chris Mathis, Steve Ross, Gilbert Anderson, Jeff Whiting, Mekaid Machado, Bob Colby, Bill Mendell,
GOLF

Jim Sanders, Mike Cavanaugh, Paul Votaw, Pegio Jarminello, Tom Hanne-
man, Frank Caiavito, Scott Foster, Rob Simpkins, John Hickson, Lee Thur-
ston, Coach.

Oct.  Hall of Fame Tampa
Oct.  Emery Riddle
Nov.  Florida State Intercollegiate Champ
Jan.  Hall of Fame, University of Tampa
Feb.  Fund Raiser Tournament
Mar.  Hoodes Hall Invitational
Mar.  M.I.T.
Mar.  Sunshine State Championship
Apr.  Valdosta Division II Champ
RIFLE TEAM

Back row l to r: MSG Chaney, Coach; Jim Parramore, 2nd Team Captain; Mike O'Dell, Jerry Cleaver, Harry Chim, Kris Cobb. Front row l to r: Bill Tolson, 1st Team Captain; Tim Hoosik

Oct. 7 | Stetson University
Oct. 15-24 | Space Coast Invitational
Nov. 7 | Air Rifle Match
Nov. 15 | Southeastern Missouri State
Nov. 19 | Temple University
Nov. 19 | Eastern Kentucky University
Nov. 26 | University of Kentucky
Nov. | Texas A & T
Dec. 18-19 | PAT Rifle Club State Championship
Jan. 19-20 | NRA Open 50 Section
Jan. 25 | Gainesville, Florida
Jan. 26 | Tennessee Tech
Feb. 5 | Jr. Olympic 25 Championship
Feb. 19-20 | Intercollegiate Section
Feb. 12 | Nicholls State University
Feb. 12 | Open Air Rifle, FIT
Feb. 26-27 | NRA Int Section
Mar. 12-13 | Section University
Mar. 19 | Silver Dollar
Mar. 26-27 | Open NRA
Apr. 2-3 | NRA
Apr. 9 | NRA
Apr. 16-17 | NRA
SAILING TEAM
SOCCER

Sept. 3 Jacksonville University
Sept. 5 Milwaukee State University
Sept. 10 Mt. Diablo College Invitational
Sept. 15 College of Charleston
Sept. 17 Rollins College
Sept. 19 Winthrop College
Sept. 23 University of Central Florida
Sept. 26 Miami University
Oct. 2-3 I.I.T. International Tournament
Oct. 7 Tampa
Oct. 10 Florida Southern
Oct. 15 Florida International University
Oct. 16 Atlantic Christian
Oct. 20 St. Leo College
Oct. 23 Florida College
Oct. 25 Rollins College
Oct. 30 Florida Atlantic University
Nov. 3 Stetson University
Nov. 7 Eckerd College

Soccer Team: Mike Eldridge, Head Coach; Emin Aslanianoglu, Assistant Coach; Glen Gray, Assistant Coach; Paul Cegala, Team Trainer; Francisco Piconelli, Forbush Zanganeh, John Evans, Team Manager; Jorge Mesauta, Brian Pommer, Ed Henke, Jean-François Castelletti, Ivan Forbes, Patrick Dehousse, Steve Mavromis, Nick Lane, Rachid Selfouzi, Sakhri Bentamy, Ron Haurie, Mohsen Zakari, Ralph Perozo, Derek Tremzin, Alvaro Campos, David Lloyd, Chris Bates, Tom Casti.
WOMEN’S SOFTBALL
Standing 1 to r: Mike Dickens, Coach; Bob Barhorst, Andrew Wright, Greg Kopi, Wes Coleman, Khalid Ousliah. Kneeling 1 to r: Kwang Chang, Luis Zedan, Gaspar Desmengos, one pictured: Mark Miller.
| Jan. 31 | Florida Southern |
| Feb. 2  | University of Central Florida |
| Feb. 4  | St. Leo |
| Feb. 5  | Webster College |
| Feb. 6  | Florida Atlantic |
| Feb. 11 | Florida Southern |
| Feb. 12 | University of Tampa |
| Feb. 15 | Biscayne College |
| Feb. 21 | Bethune-Cookman |
| Feb. 25 | St. Leo |
| Feb. 26 | Weber College |
| Feb. 27 | Eckerd College |
| Mar. 8  | Biscayne College |
| Mar. 9  | Florida International University |
| Mar. 10 | Webster College |
| Mar. 12 | Eckerd College |
| Mar. 24 | Florida Atlantic |
| Mar. 25 | Stetson |
| Mar. 26 | Bethune-Cookman |
| Apr. 11 | Stetson State Playoffs |
| Apr. 14 | University of Central Florida |
| Apr. 15 | Stetson |
| Apr. 18 | Florida International University |
| Apr. 19 | Embry-Riddle College |
| Apr. 20 | Rollins College |
VOLLEYBALL

Sept. 27 St. Leo
Sept. 29 Florida Southern
Oct. 2 Palm Beach Atlantic
Oct. 4 Eckerd
Oct. 6 University of Central Florida
Oct. 8 Daytona Community College
Oct. 9 Southeastern
Oct. 11 Rollins College
Oct. 12 Palm Beach Atlantic
Oct. 13 Rollins Tournament
Oct. 16 St. Leo
Oct. 20 Tampa
Oct. 25 Florida Southern
Oct. 27 Eckerd College
Nov. 1 University of Central Florida
Nov. 4 Rollins
Nov. 10 Tampa
Nov. 12, 13 Sunshine State Conference
ENVIRONMENTAL SCIENCE & ENGINEERING

CHEMISTRY & CHEMICAL ENGINEERING

Above 1 to r: Dr. Mason, Head; Dr. Babich, Dr. Baum, Dr. Barile, Dr. Jennings, Dr. Sohn. not pictured: Dr. Belanger, Dr. Dierberg, Dr. Heck, Dr. Langle, Dr. Moore, Dr. Mounes, Dr. Stephens, Dr. Wiggum.
CIVIL ENGINEERING

Left: Dr. Kalajian, Head. Right: Mr. Schwalbe, not pictured: Dr. Pandit, Dr. Kurz.
Our most recent entry is into the health care administration area. At the request of health care professionals and administrators from the region, the department now offers a graduate program in the Health Services Management and conducts in-service professional development work and consulting with area medical centers. Since the health care organization possesses many similarities to the high tech industrial firm, there will be a significant amount of transfer from the study of one to the other. Further development of Allied Health Services may well continue within the structure of the Management Department until such time that growth of the programs warrants creation of a separate School of Allied Health Services.

As disparate as the research efforts might seem, a common thread unites them: they are all aimed at the management of the high technology enterprise. Our graduates are expected to move from the campus and function effectively in technologically sophisticated organizations populated with "knowledge workers." These organizations will range from small computer software firms to electronic giants to regional medical centers. We will continue to serve regional government and industry and to help satisfy their needs for graduate management education and professional development.

The Management Department was formed in the Spring of 1967 during the height of the U.S. program to place the first man upon the surface of the moon. The initial programs offered by the department — the M.S. in Systems Management and the M.S. in Contract and Acquisition Management — were specifically designed to meet the expressed management education needs of technically trained aerospace industry personnel.

The Management Department is currently in a state of transition. From its inception until recently, the sole focus of the faculty has been on teaching. Now, excellence in research is being pursued to complement instruction. With the addition of new faculty members who have established reputations as researchers as well as teachers, the Management Department has launched innovative research programs into diverse areas such as economic forecasting, the management of professional personnel in high tech organizations, the motivation and retention of computer professionals, work-related stress, quality of work life, and industrial alcoholism.

Bottom right: Dr. Manley, Head. Bottom left: Dr. Manley. Bottom right 1 to c: Dr. Keenhan, Dr. Knight, Dr. Manley, Dr. Sceale. Dr. Kaplan, not pictured: Dr. Bachmann, Dr. Popel.
MATHEMATICAL SCIENCES

Above left: Dr. Cluterham, Head. Above: l to r: Dr. Docean, Mr. Rodstein, Dr. Jackson, Dr. Haas, Mr. Dafoe, not pictured: Dr. Abdo, Dr. Beani, Mr. Clay, Mr. Davis, Dr. DeNuda, Dr. Fulton, Dr. Genis, Mr. Gould, Mrs. Knoll, Mr. Mohr.
MECHANICAL ENGINEERING

was made for professional accreditation. The program was reviewed, along with Electrical Engineering, early in 1974 by a team from the Engineering Council for Professional Development, and was accredited on the first attempt. The accreditation initially was for a four-year period, until 1978, with the possibility of a two-year extension based on a written report to be submitted in 1977; that extension was achieved, as well as re-accreditation in 1980 for the maximum possible six-year period, based on a thorough review by a visiting accreditation team in Fall, 1979.

In the meantime, Dr. Revay's increasing responsibilities resulted in the department Head position being passed on to Dr. Bowman in July 1978, at which time a new department office was created on the fifth floor of the Crawford Building and the first department secretary was added. At the present time the full-time faculty has grown from the initial two to seven, plus one full-time technician, one administrative secretary, one clerk/typist, several adjunct faculty, and an eighth full-time faculty member currently on leave of absence. All current department personnel have joined the department since the separation from Electrical Engineering: Mrs. Brenda Hill in July 1978, Drs. Anne Rowe and Ali El-Nashar in January 1979, Drs. Tadeusz Czyzewski and Frank Stasa in September 1979, Dr. Bill Thrasher in January 1980, Mr. Jack Burgess in February 1980, Mr. Palmer Stiles in September 1980, and Dr. Robert Scaringe and Miss Vickie Burton in September 1982.

Significant levels of funded research began in 1975, with a contract from NASA Kennedy Space Center for a study related to their planned Space Shuttle propellant handling facilities, and continued at a level of approximately $100,000 per year for the next five years, primarily in the areas of propellants and solar energy. As Space Shuttle ground support equipment passed from the r and d stage to the drawing board and finally installation on-site at KSC, the level of our total research funding declined to $60,000 per year during the period 1979-82 rising to $80,000 in fiscal year 1983, all of it currently in the solar energy area.

At the same time, student enrollment has increased very substantially, including a doubling in undergraduate enrollment from Spring 1977 to Spring 1979, followed by a continued but less dramatic increase since then. Graduate enrollment more than tripled between Spring 1978 and Spring 1982. In 1983, the department expects to graduate around 35 B.S. and 10 M.S. Mechanical Engineers; each of these figures is

The Mechanical Engineering Department was formed at the end of the academic year 1971-72, although its origins date back to the early history of Florida Institute of Technology when "Space Technology" was one of the first programs to be offered by what was then Brevard Engineering College. Dr. Roman Johns, a geophysicist, came to F.I.T. in 1967 to assume the position of Head of the Space Technology Department, and soon thereafter the curriculum was extensively revised such that the strong physics/electrical engineering orientation of earlier years was replaced by a tendency in the direction of mechanical (or aeronautical) engineering. The first mechanical engineer was added to the faculty in September 1960 when Dr. Tom Bowman, the current Mechanical Engineering Department Head, arrived from Martin Marietta Corporation’s Denver Division, and the second came two years later in the person of Dr. Tom DeFazio, from M.I.T.’s Instrumentation Laboratory. Also new in 1971 was Dr. Bob Newman, a metallurgical engineer formerly on the faculty of Vanderbilt University. At the same time, the department underwent a name change from Space Technology to Space Sciences and Mechanical Engineering. It existed for only one year in this form, splitting in Spring 1972 with the Space Sciences contingent and Dr. Newman being combined with Physics, and the formation of a separate Department of Mechanical Engineering consisting of Drs. Bowman and DeFazio, reporting to Dr. Andy Revay, Head of the Electrical Engineering Department. One year later, the department was strengthened by the internal transfer of Dr. Newman and the materials laboratory to Mechanical Engineering, and application

the same as the total number of such degrees awarded during the five-year period from 1975 through the end of 1979. A new Ph.D. program was begun in the 1981-82 academic year, and currently enrolls five students, four of them full-time. Only two universities in the state have larger doctoral enrollments in Mechanical Engineering.

Above right: Dr. Bowman, Head Above: l to r: Dr. Scaringe, Dr. Thrasher, Mr. Stiles, Dr. Bowman, Dr. Rowe, Dr. Stasa, not pictured: Dr. Czyzewski.

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OCEANOGRAPHY AND OCEAN ENGINEERING

A Department of Oceanography was initiated in 1966 with a curriculum in physical oceanography only. Biological and chemical oceanography were added over the next five years. The ocean engineering program was established in 1972 when the department became the Department of Oceanography and Ocean Engineering. An additional curriculum, in geological oceanography, became available in 1980. Present research efforts by faculty, research assistants, and graduate students in the department include chemical oceanography studies in the Gulf of Mexico and biological/geological studies on our own coast. A research team headed by Dr. John H. Trefry is investigating the fate of selected pollutants (e.g. lead, cadmium, and mercury) which are carried down the Mississippi River. The NOAA funded researchers are using "state of the art" instrumentation to analyze sediments from the river delta to determine concentrations and fate of the pollutants. To determine the impact on marine life, levels of these toxic metals in shrimp and other marine organisms are being investigated. Levels of various pesticides in the delta region are also being studied.

Dr. Donald K. Stauble and Dr. Walter G. Nelson are both supported by the Florida Sea Grant College to develop engineering and biological guidelines for future beach restoration projects in Florida. The researchers and their support personnel are analyzing various aspects of the Brevard County beaches as well as beach restoration sites around the state.

Dr. Iver W. Duedall, our new department head, adds strength to an already strong program in chemical oceanography. Thus, we are presently adding a Ph.D. program in chemical oceanography. We will continue to improve the quality of educational opportunities at both the graduate and undergraduate levels while we expand our research efforts. Also, facilities are being developed for a computer aided design laboratory and a new wave tank facility for use by ocean engineering and oceanography students.
F.I.T.
LANGUAGE INSTITUTE

Top Left: Dr. C. Tucker, Director
Bottom Left L to R: Mrs. G. Wylie, Dr. C. Tucker, Mrs. J. Strother
BIOLOGICAL SCIENCES

The Department of Biological Sciences began operation on January 3, 1971, with 116 students in freshman biology. The department developed rapidly, and began offering an M.S. degree in 1972 and the Ph.D. in 1974. Although research was an important part of the department’s activities from its beginning, research activities went into high gear around 1977, with the awarding of the first of a continuing series of large grants from the federal government for the instruments and other needs for research.

The department offers a strong undergraduate program in general biology which contains 88 credits of biology courses. There is also an option for specialization in marine biology, an option in molecular biology/genetic engineering, and an option for preparation for study in medical, dental, or veterinary school. In all of these cases, laboratory work has been designed to provide students with the latest skills for employment, based on information obtained from potential employers. Undergraduate research is also an important part of the program, and a student may earn up to 18 credits of independent research in a faculty member’s research lab. The most recent development for undergraduates is the use of computers for individual interactive learning in different areas of biology.

All of the faculty members have active research programs in progress, involving both graduate and undergraduate researchers. Almost 200 papers have been published by the faculty members in biological sciences and their students. Research areas are in cyto- and developmental biology, ecology, genetics, marine biology and molecular biology. Specific research ranges from genetic engineering to the ecology of coral reefs.

During the next 25 years of F.I.T.’s life, the biological sciences department will grow in both size and activity. The faculty will continue to be in the forefront of research, and extensive use of computer-assisted instruction and even newer techniques will increase greatly the efficiency of learning for students.
During the early years, the Humanities Department was not really a department, but rather a group of professors and instructors who taught humanities courses. Dr. Catherine Ackerson, who recently retired after nearly two decades at F.I.T., took care of scheduling, grade sheets, and other records, and generally kept things together. At that time the offices were in two small rooms in the quadrangle. In 1972, the humanities group became a division with Mr. James Cuneen as chairman.

Under Dr. Carter's leadership, a number of important changes were instituted and the department began to achieve an identity of its own. Freshman placement testing was begun in cooperation with the FRESH program, and the composition courses were revised. In the fall of 1978, the Individualized Learning Center opened under the direction of Dr. Jane LeMoine, a member of the humanities faculty. During that same year the Humanities Core Curriculum was introduced on the sophomore level, in order to provide a coherent survey of western culture.

In addition to the Technical Communication major (in which twenty-two students are currently enrolled), the Humanities Department now offers majors in Business Communication and in Humanities. Business and Technical Communication majors are currently serving as editors and staff members of the school's publications, and members of the communication faculty are advisors to the newspaper, the yearbook, and the radio station.

Dr. Jane LeMoine is currently Acting Head of the department which has ten full-time faculty members. Plans for the future include a larger number of other electives on the 3000 level, particularly interdisciplinary courses, and, in time, special seminars on the 4000-level on such topics as "Ethics and the Engineer" and "Science, Technology, and the Future of Man." This year for the first time, a humanities elective will include a four-week trip to Europe as part of a two-quarter sequence, "Topics in European Culture and "A European Odyssey."
Top Left: Dr. J. Hadjilouros, Head of Electrical and Computer Engineering
Above L to R: Dr. G. Kostopoulos, Dr. W. Shelton, Dr. W. Naon, Dr. J. Hadjilouros, Dr. M. Shah, Dr. D. Bugno, Dr. J. Choi, Dr. M. Valdez, Dr. E. Santorre, M. W. Douglas
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Dr. O.A. Holzer  
University Physician
MILITARY SCIENCE

Top Right: LTC D. Cleaver
Above L to R: Maj. Fuller, Cpt. Rebisco, LTC Cleaver, SGM Vick, Cpt. Sonntag
SCHOOL OF PSYCHOLOGY &
APPLIED SOCIAL SCIENCES

Top left to right: Dr. Corman, Head; Dr. Bernabe, Dr. Farber; Dr. Gehrke. Bottom left to right: Dr. Seaman, Dr. Harrel, Dr. Webbe; Dr. Wolf, not pictured: Dr. Elmore, Dr. Honaker, Dr. Philpot.
PHYSICS AND SPACE SCIENCES

In the beginning F.I.T. was founded to serve the education needs of the then-new space program; consequently physics and what was originally called space technology were among the charter members of the small group of disciplines around which F.I.T. (Brevard Engineering College) was founded. The first degrees in Space Technology were awarded in 1961 and the first degrees B.S. in Physics were awarded in 1966.

In 1967 Dr. R.C. Johns came to head the Space Technology Dept. and Dr. J.G. Porter was brough from Texas A & M to head the Physics Department. At this period F.I.T. formally became a full university under its present name. In 1971 Space Technology became Space Sciences and Mechanical Engineering, still a single department, but the new name reflected a growing divergence of interests of the faculty. Finally in 1973 the Mechanical Engineering group became a full-fledged department, and Physics and Space Sciences were joined to form a single department with Dr. H.P. Weber acting head. Dr. J.H. Blank became head of the department in 1974, being succeeded by Dr. J. Burns in 1976. A Chapter of the national "Society of Physics Students." was formed at F.I.T. in the mid-1960's and has recently received national honors for achievement and growth.

The department added the Ph.D in Physics in 1977 and presently also offers B.S. and M.S. in both Physics and Space Sciences. In 1981 a graduate program in Space Technology was initiated for off-campus presentation at KSC and has rapidly become the largest off-campus graduate program in science and engineering. The departmental observatory was established in 1974 and has grown steadily since.

Current research in the department is quite varied. It includes a study of the earth's magnetosphere as revealed by aurorae through measurements from the ISIS polar orbiting spacecraft, and a study of long term variations in the earth's magnetic field attempting to deduce periodicities in these variations and correlations with such other periodic phenomena as the sunspot cycles. The department has reserved space aboard two small self-contained shuttle payloads (so-called Get-Away Specials). One of these will carry an instrument to spectrosopically measure the total carbon dioxide content of the earth's atmosphere on a global basis. A simplified ground-based version of this instrument is also being developed to be used at fixed sites. A project is beginning with the Florida Solar Energy Center to measure, categorize, and provide a statistical model for cloud cover for use in design of solar energy collectors. In solid state surface physics the energies and angular distributions of photoelectrons and secondary electrons emitted from surfaces are being measured precisely to provide information about energies and distributions of electrons in solids in the vicinity of surfaces or interfaces, a subject of importance in modern solid state electronics. A study is underway on peculiar, and as yet unexplained, a regular diurnal variations in the period of a massive torsional pendulum whose period is measured to a precision of 2 parts in 10 million. Finally, the Navy is supporting research on a new type of underwater sound projector for potential sonar applications and research on mechanisms of energy loss in viscoelastic materials such as rubbers and elastic polymers.

For the near future the Department plans several revisions of its undergraduate space-sciences program to update its course offerings in areas in which recent large advances in knowledge about the Solar System have been made by space exploration.

The Department plans to place more emphasis upon research and to attempt to better focus its presently diverse research activities. In its prime mission of providing basic physics instruction to all students in science and engineering, the Department plans to upgrade sophomore lab equipment over the next three years. Once the new teaching auditorium in the new library becomes available, some changes in the method of teaching the basic physics courses will become possible and plans for these changes are being made.

Right: Dr. Burns, Head, Left: sitting 1 to r Dr. Blatt, Dr. Jen, Dr. Shriver, Dr. Potter standing 1 to r Dr. Osbourne, Mr. Sawyer, Mr. Strother, Dr. Burns, Mr. Meesey, Dr. V
The Science Education Department offered its first program in 1970. This program was created largely to meet the needs of local secondary science teachers and led to a Master's Degree in Science Education. The following year, an undergraduate program was initiated to train future science teachers at the secondary level. As the Department grew, a Ph. D. program was added in 1974 and the Ed. S. program in 1978. Since its inception in 1970, the Science Education Department has awarded over 100 graduate degrees and approximately 50 undergraduate degrees.

Presently, the Science Education Department includes a media room, a resource center, and a conference/class room. The media room houses not only a complete set of A-V equipment (including a closed circuit video tape system) but also a professional slide copier and copy stand for use by all departments. The Resource Center houses a complete library of curricular materials for secondary science education as well as a host of journals and an extensive set of article files. The Center also houses three microcomputer systems and science laboratory equipment for use by intern teachers. A Resource Center Coordinator maintains the Center.

Current research in the Science Education Department includes work in Computer Assisted Instruction and Individualized Instruction. Special courses and programs in both areas are regularly offered. Two of the microcomputers in the Resource Center (Apple II) were obtained through National Science Foundation grants for the education of teachers.

The faculty of the Science Education Department all teach both science courses as well as science education courses at F.I.T. The Department has always been very science oriented and as such is part of the School of Science and Engineering/Graduates of the various programs are currently employed in all levels of education from secondary school through university. Some are also involved in science-related industries. Graduates can be found all over the United States and a host of foreign countries.

The United States is presently suffering a science and math teacher shortage. Certainly part of the future of the Department will involve training as many new teachers as possible. The future will also see more work with computers and computer assisted instruction. The Science Education Department will continue to serve science and math teachers through graduate programs and special summer programs. With the growing national concerns for science and math education, the future should see an ever-growing Science Education Department.
LIBRARY
STAFF

Right: Dr. Henson, Director of Libraries. Left: Staff: Lisa Van Volkenburgh, Judy Henson, Jane Balbo, Annette Melnicove, Mrs. Hall, Dorothy Bruski, Rosemary Kean, Barbara Markham, June Shamo, Bruce Fleary, Sarah Har-""
CAMPUS MINISTRY

Above left: Reverend Bailey. Above right: Reverend Forbes, Campus Ministry Volunteers: (not pictured) Reverend Zimmerman, Coordinator; Reverend Brewer, Rabbi Hillman, Reverend Bruce, Reverend Koos, Reverend Knauf, Reverend Lewis, Reverend Osvald, Reverend Riedel, Reverend Rumor.
'82-'83

is a year full of history, of course every year is, but '82-'83 was special for F.I.T. This year marked the 25th anniversary of F.I.T., a feat which in this day and age is especially outstanding.

Special national and international problems were also events which made this year noticeable. Two outstanding problems of this year were the war between Israel and Lebanon, and the national recession coupled with unemployment.

What makes the year most memorable to you though are those special events that only you know. The Ad Astra hopefully serves as a prompter to bring back those special memories.

Your own history has probably served to make you a better person, '82-'83 was a special year, and the future holds great events in store. Good Luck.
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AND LOVE
from
BETTY DEPIPER
Checker Evans Hall

JOSE’S
Sends
CONGRATULATIONS
BEST WISHES
CLASS OF ’83

THE
STAFF OF THE
AD ASTRA
THANKS:
all those people who helped with the history section, submitted copy, and photos,
the patrons
and also
Monica Rudzik.
Your help, in making this yearbook a success, was greatly appreciated.
The late Michael Grassley

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Well, we made it. I hope you enjoy this year's book. A lot of hard work went into this book under some unfortunate circumstances. No matter what the problems were, I feel we have brought you one of the best yearbooks published at FIT. I hope you share those feelings. The pleasure that I feel in bringing you this year's Ad Astra is only enhanced by the fact that this is FIT's 25th anniversary.

This year's theme in the Ad Astra was based on FIT's history, mixed with the present, and a little of the future. I feel that FIT has a bright future ahead of it, especially with the new library being built. The only problem I would like to see solved in the immediate future is the apathy of some of the students.

The school offers a range of activities and services to you, the students, if you would only take advantage of them. Many organizations operate with just a few people. I see the same people running most of the activities at this school. So, if you would quit complaining and go out and look for something instead of expecting it dropped in to your laps, there is something for you. And in this process you make the school a better place for you and fellow students.

There are some people that deserve special thanks for their cooperation and input into this yearbook. Bob Goldberg for his help, especially with the opening section. Jerry, our representative for all his patience. Mrs. Irvin for helping with copy and being our advisor. And last but not least, Monica. I can not express my never ending thanks for all her help, support, and understanding. Finally, I would like to thank all the people who helped supply us with information in the opening section.

Again, I hope you enjoy this year's Ad Astra

Sincerely,

[Signature]

Gregg Fraker
Editor of the '82-'83
AD ASTRA