As the voice of the graduate student body at Georgia Tech, the Graduate Student Senate worked to promote greater recognition of the Graduate Division on campus, in industry, and throughout all academic circles. Part of their efforts were directed toward a survey to determine the significant problems affecting graduate students, and the results of this survey were presented to the graduate program directors.

Two committees from the GSS also completed important projects. Horace Seymour chaired a joint committee looking into the problem of insufficient funding for both Georgia Tech and the University System of Georgia in general. Their fall report contained a very comprehensive budget critique. The "Blitz" committee encouraged the creation of more graduate student organizations for targeted groups, such as married students.
The diverse heritage of the students at Georgia Tech invites the existence of a club to encourage international exchange. The International Interests Club met this need by providing a medium for interaction between International and American students. This organization met regularly to discuss topics ranging from culture to politics to business. Club activities included speakers, dinners at different ethnic restaurants, picnics, and cultural events.

Culture Week was the major activity of each quarter. This event featured food, music, and entertainment from around the world. Both entertainment and music have been provided by the International Folk Dancers along with talented club members. All events are open to students from other schools in the Metro area, as well as people from the Atlanta Community to encourage international exchange between all.

TOP: Students learn about foreign customs at a dinner. BOTTOM, LEFT TO RIGHT: Greg Winkler makes a point while Ronnie Brooker contemplates the issue. N. S. Abhyankar, S. Chandrashekara, and another IIC member perform for the club.
Lightweight Design Utilizes Modern Technologies

Project HAWK was initiated to design, construct, and fly an airplane weighing less than 500 kilograms (1102 pounds) and then set an around-the-world speed record for aircraft in that weight class. The Hawk Around the World Kraft is the most ambitious undertaking to date of the Georgia Tech student branch of the American Institute of Aeronautics and Astronautics (AIAA).

The aircraft being developed is a two passenger all composite aircraft with forward swept wings and pusher propeller. The design calls for a cruise efficiency of 60 mpg at 125 mph and a single passenger range of 4000 statute miles.

The operation of Project HAWK was subdivided into six major categories. The project directors were: Scott Horowitz, Project Director; Robert Jacobs, Flight Sciences; Lawrence Walker, Structures; James Duncan, Human Factors; Kyle Dixon, Modeling; Daniel Robinson, Fabrication; and Stephen Suter and Vicki Powers, Financial Directors.

The project staff is deeply indebted to Boeing Computer Services, DuPont, the Hysol Division of the Dexter Corporation, Litton Industries, Lockheed Georgia, NASA Langley Research Center, and the School of Aerospace Engineering, the School of Civil Engineering, and the Student Government Association of Georgia Tech. These groups were sources of funding, technical support and supplies.

The first flight of Hawk was scheduled for March 1982 but was postponed due to manufacturing difficulties encountered using modern composites.
Kappa Kappa Psi and Tau Beta Sigma, the honorary band fraternity and sorority, spent long hours toward serving and improving the Georgia Tech Band. Joint projects for the groups included a freshman orientation party and a homecoming reception for alumnae. New officers for both groups were selected winter quarter, and plans were begun for spring and fall quarter fund raisers.

Fall and winter quarter saw the initiation of over thirty new members to the fraternity and sorority. A big spring initiation banquet was held to honor these new members. Social events for the members included several parties, intramural sporting events, and a trip to South Carolina to visit the South Carolina chapters of Kappa Kappa Psi and Tau Beta Sigma, and to enjoy the South Carolina-Clemson football game. A large majority of the members attended the KKΨ-TBS district convention where the Georgia Tech chapter of KKΨ won the district participation award.
A group dedicated to scholarship and service, Lambda Sigma was nationally accredited as a college honor society. Nomination forms were distributed to professors, dorm counselors, fraternity presidents, and others who had contact with freshmen. Prospective members then attended club functions to meet the members. Once new members were selected, the old members became alumni, and the society was left in the hands of the sophomores.

The Alpha Kappa chapter of Lambda Sigma expanded all of its service activities. Service projects were directed toward the Roosevelt House on Techwood, where elderly residents cheerfully received the group. Jane Garmon, from Atlanta, represented the honor society on the National Governing Boyd as National President.

TOP: Mary Bresnaham and David Sedacca share in the fun at a Lambda Sigma party. BOTTOM, LEFT TO RIGHT: Bryan Shelton listens intently at Kappa Kappa Psi-Tau Beta Epsilon initiation. Susan Raffensberger sits quietly during a lull in a party.
The oldest auxilliary corps of the Georgia Tech Marching Band, the Majorettes, gave outstanding performances at every football game, pep rally, and basketball game.

The members and feature twirler Melanie Morton were selected at tryouts held in the spring. A recently instituted policy required all the girls to be students of Tech.

As the squad found out, being on the Majorette corps required a great deal of time and hard work. Practice was held three afternoons a week and on Saturday morning before football games, with the girls reporting to practice as early as eight o'clock. Despite the rigorous schedule, they always made friends and had time for fun.
Residents Enjoy Active Lifestyle

Did the thought of dormitories make you claustrophobic? The residents of Matheson-Perry viewed the close quarters of dorm life as the heart of the true Tech experience, as friends were always close by to give advice, help with homework, or start a spontaneous party.

Active participation in intramural programs was one way Matheson-Perry residents showed their pride in their school and dorm. The hall fielded teams in football, volleyball, tennis, bowling, basketball, soccer, and softball intramural competition. Winning a keg for the highest attendance at the Homecoming pep rally was yet another example of their spirit and feeling for Georgia Tech. A Homecoming weekend cookout and a trip to Kennesaw Mountain were fall quarter's main events with several additional exciting parties planned for winter and spring quarters.

BOTTOM, LEFT TO RIGHT: Kaye Knight smiles at the home crowd. Feature twirler Melanie Morton swirls two streamers above her head during her solo routine. The Matheson-Perry bathrooms sometimes get crowded in the morning.
NAVY ROTC

Unit Moves Into New Navy Armory

After spending a year in limbo, the Georgia Tech Navy ROTC unit got off to an enthusiastic start with the official opening of the new armory. The new facilities were a great improvement over their old quarters, although they offered slightly less space.

Many relics of the old armory were brought to the new building, including the historic cannon. The brass gates and eagle are also housed in the new armory. These articles made the building seem familiar during the transition.

TOP, LEFT TO RIGHT: Flag bearers lead the NROTC unit onto Grant Field. The famous cannon finds a new home. BOTTOM, LEFT TO RIGHT: Landscaping will make the new armory even more attractive. Midshipmen gather in front of the old armory’s gates. Cadets practice rifle drills.
The Navy ROTC unit underwent other changes in addition to relocating their headquarters. Several new instructors arrived during summer replacing those rotated to other positions by the Navy. Several policy changes were noticeable, such as the advent of pre-game celebrations at home football games. One commitment that did not change was the effort to make the midshipmen into well-rounded outstanding officers.

**TOP, LEFT TO RIGHT:** Midshipmen stand at attention. Pre-game parties were held on the new patio. **BOTTOM, LEFT TO RIGHT:** Marching is a part of every cadet’s training. Midshipmen and their dates enjoy hotdogs and Coke.
NEW STUDENT AND PARENT PROGRAMS

Group Sponsors Fall Activities Day

Georgia Tech freshmen received their introduction to Tech and Atlanta from the Office of New Student and Parent Programs. Their key program was FASET, an acronym for Familiarization and Adaptation to the Surroundings and Environ of Tech. Approximately 2500 new students and 1000 parents attended FASET sessions this year. The office was also responsible for the fall Activities Day for campus organizations and for a Parents' Weekend held during spring quarter.

This year's program was planned by a senior staff of twenty-six students. They also organized and conducted two leadership training workshops from which 120 leaders were chosen to work during the summer with new students and their parents.

TOP: Doug Leckband and Richard Patrick gather freshmen to guide through FASET. BOTTOM, LEFT TO RIGHT: Monita Ghosal gets acquainted with her FASET group. Reverend Woody McKay pauses to chat during a steak supper for freshmen.
Interesting Subjects Make Center Functions Popular

An enthusiastic student response supported the programs of the Georgia Tech Presbyterian Center, resulting in high attendance at such functions as faculty-student lunches, steak suppers, and study groups. With subjects ranging from Shakespeare to the Bethel Bible Series, from Poland to Haiti, and from drug abuse to marriage, these programs presented students with many chances to learn and share with others.

The Center continued to be responsive to students' needs as six live-in residents kept the center open until 11:00 at night, and Campus Minister Woody McKay was always available for counseling. A ping-pong table, piano and quiet study spaces offered other ways any student could constructively pass the time.
OMICRON DELTA KAPPA

Honorary Initiates Its Largest Class

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In its fifty-second year on the Georgia Tech campus Omicron Delta Kappa continued to thrive. This fall saw the induction of the largest single initiation class, numbering thirty students and four faculty members.

ODK, National Leadership Honorary, recognized students who distinguished themselves in the areas of scholarship, athletics, campus service, publications and the performing arts.

The Alpha Eta Circle believed in stressing campus leadership as well as honor. This year's membership continued ongoing projects of compiling an oral history of Georgia Tech and hosting a banquet/meeting of all campus organizations.

In addition, the circle launched projects of working with the administration in planning Tech's centennial celebration and worked to improve the academic advise ment and academic priorities at Georgia Tech.

TOP, LEFT TO RIGHT: Two members discuss various world issues. John Block sounds out fellow member Jim Chalmers of DramaTech about future student government programs. BOTTOM: Former Dean of Students George C. Griffin entertains Omicron Delta Kappa initiates and members with old stories at a dinner hosted by Chancellor Vernon Crawford at his Atlanta home.
RECKETTES

Girls Encourage Students’ Spirit

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The Georgia Tech Reckettes were organized to promote school spirit, both on their own and through working closely with other spirit organizations. In the spring the present squad of nineteen girls, all of whom are Tech students, was selected after one week of rigorous try-outs.

The 1981-82 football schedule marked the first season in which the Reckettes marched and performed with the Tech Band during both the pre-game and halftime shows. In addition, they traveled to Knoxville for a performance at the Tennessee game. They also presented several spirited routines at the football Pep Rallies. During the basketball season, the Reckettes showed their support for the team through their performances at several home games.
The Georgia Tech Scuba Jackets were a group of students and faculty formed with a common interest in scuba diving. Developing techniques for safer, more interesting dives in addition to providing high quality equipment at a low cost was the purpose of the club.

In an effort to expand interest in sport diving, a basic open water diving course, certified by PADI (the Professional Association of Diving Instructors) was offered for anyone interested in learning more about the art of this underwater sport. Fees for the course were nominal with proceeds going toward maintaining and expanding equipment availability. In addition to the basic course, other, more advanced courses were offered; they were designed to improve members’ knowledge of diving techniques.

The quarterly dues of ten dollars entitled drivers to check-out any of the club’s equipment free of charge. A minimum of ten full sets of diving gear were maintained for check-out on a regular basis.

In addition to offering courses to Tech divers and their families, the club organized trips to prime diving locations throughout the Southeast. These included a trip to the Bahamas during spring break of this year. Other trips included such places as the Florida Keys, Crystal River in Florida, West Palm, Panama City, Savannah, Ga. and many other warm sunny diving locations.

TOP, LEFT TO RIGHT: Temple Black performs during a Reckette halftime show. A student asks his instructor a question about his harness in a class sponsored by the Scuba Club. A diving instructor adjusts a student’s tank.
The Society for Advancement of Management, commonly known as SAM, was founded last spring to promote an understanding of professional management practice. During its first year of existence, this group became an integral part of the Georgia Tech community of organizations. By the approach of fall quarter, SAM had defined its goals and was ready to become an active force on the campus.

The debut of SAM was highlighted with the appearance of four major speakers from different sectors of the business community. Throughout the year, SAM hosted a variety of speakers whose occupations ranged from the vice president of a billion dollar corporation to the president of a small high technology company. Other speakers included interview and resume consultants. These speakers helped SAM accomplish many of its goals, such as providing a realistic view of business, promoting management among engineers, providing business contacts, and helping its members become familiar with the practical principles of management.
The goal of the Society of Black Engineers is to recruit black students into the engineering college of Georgia Tech. This goal is reinforced by a continual effort aimed at retaining students in their chosen discipline.

Topics of interest to black engineers were covered at weekly meetings. The organization hosted a variety of guest speakers throughout the year, including corporate representatives, campus administrators, and Atlanta businessmen.

Other activities were the Annual Career Fair attended by over forty companies and a scholarship ball, "Club SC", held in the Student Center Ballroom. On the eve of finals week each quarter, the "All Night Thing" study session was conducted.

The arrival of spring was accompanied by the Course File Picnic. At this event, a meal was provided in exchange for ten tests to supplement the course file. The Society of Black Engineers also encouraged scholarship by awarding a $500 scholarship to an incoming freshman.
For those nonchalant students with no academic worries and nothing better to do with their time, the student publications area affords a happy home to wandering geniuses. And for those industrious "Technique" and Blueprint section editors who excel in their areas beyond the call of duty, the Society of Collegiate Journalists furnishes an intellectual haven for them to expound upon the finer points of publishing.

When not polishing their penny loafers or interviewing for a starting salary in the mid-50's, these creative brains can be found in such elitist establishments as Brandywine Downs, the Hilton, and of course M. J. Pippin's, the site of the annual SCJ drink-and-drown convention.

The goal of this power-hungry organization, to keep subversive groups from getting the best of them, is emulated in everything that the society does. Membership is open on an equal opportunity basis, even though the twelve dollar initiation fee is more than the average Tech nerd can drum up while still trying to keep his Hewlett-Packard supplied with a fresh Eveready battery every day.
The Society of Women Engineers is an organization dedicated to promoting engineering among female students, educating engineering students about the opportunities in the field, and giving students an opportunity to form a network with other students with technical backgrounds. The society was made up of approximately one hundred women with computer science and engineering backgrounds.

This year SWE hosted the Fourth Annual Awards Banquet at the Chattahoochee Plantation Club. Approximately 25 company representatives attended the dinner to present cash awards to outstanding women engineers. The club also hosted the Regional Conference, a weekend of workshops and meetings for SWE student members in the Southeast region. Other projects included plant trips to Western Electric and Ebasco, speakers from various industries, a resume book for company recruiters, and an auto mechanics workshop for members. SWE planned to end a productive year by attending the National Student Conference held in June at the University of Michigan.

TOP, LEFT TO RIGHT: The BLUEPRINT executive committee of SCJ meets at Brandywine Downs: Linda Henson, Sports Editor; Robert Fowler, ID Editor; Debbie Massara, Classes Editor; Paul Lindemann, Editor-in-Chief; Jon Wyatt, Organizations Editor; Bob Spretnak, Student Life Editor; and Steve Andrews, Greeks Editor. Leigh Hammon speaks at a SWE banquet. Evelyn Parks presents an award from Southern Bell to Susan Casnocha for being chosen Outstanding Senior Woman Engineering Student.

BOTTOM: SWE President Joy Hymel smiles while announcing award winners.
In recent years the number of Hispanics attending Georgia Tech has steadily increased. Tech's Spanish-speaking population numbers over four hundred people, which accounts for approximately four percent of the total campus enrollment.

The purpose of SSO is to unify the Spanish-speaking community on campus and to integrate its members with American society. It provides a means for cultural and social contacts among its members. SSO has initiated programs to promote Hispanic culture and to help students cope with various problems and hardships that come with minority status.

Revitalized in the fall, this year has been an organizational period for SSO. Several new committees were created for the purpose of distributing the work load and getting more members directly involved with the group. Throughout that time, SSO established excellent relations with student government and obtained limited funding. Other SSO projects include placing Spanish publications on the library's newspaper shelves and hosting speakers on pertinent issues.
In a never-ending struggle to appease the students of Georgia Tech while also trying to cater to their needs, the Student Government Association began spring quarter with a new council and a brainstorm of ideas. President John Block encouraged the old and new members to get involved and start the committees rolling. Workshops were held in order to get the members acquainted with each other, and guest speakers from the administration come to inform the council about important school matters.

The Academic Affairs Committee concentrated on two major areas: the conflict between research and academics and the establishment of a standard academic advisement system. The Finance Committee continued its efforts to allocate limited funds to the many needy campus organizations. Publication of a campus organizations handbook by the Campus Organizations Committee helped give FASET students a look at the school’s activities. Work by Campus Safety, Auxiliary Services, Voter Registration and other committees enabled Tech students to live in a better environment.

As one of the leading student organizations on campus, SGA continued to push forward in many areas. This year’s administration was very visible since interrelation with the student body was a major emphasis of the council.
"Brown Bag" Becomes Fast Comprehensive Series

Producing activities for the Tech community was the responsibility of the Student Center Program Board, comprised of the Student Center officers and committee chairmen. The Program Board works with the Student Center Governing Board, which sets the general policies of the Student Center. The Program Board and the members of the twelve Student Center committees make up the Program Council, which strives to supply the campus with entertaining and unusual events throughout the school year.

With guidance from the Program Staff, members of the Program Council produced numerous programs this past year, including the T-Game Street Dance, Tech 200 Go Kart Race, Michael Iceberg and the Iceberg Machine, Beatles Film Festival, Homecoming, Jefferson Starship, and ORGT trips for caving in Mexico and whitewater excursions on the Colorado River. All in all, the Program Board sponsored over 500 events with a total attendance surpassing 100,000.

Winter quarter the Board undertook the first comprehensive pre-planned programming series ever. The Brown Bag Series featured a different event each Thursday at 11:00 A.M. and students were encouraged to bring a lunch and "brown bag it." This series realized many goals including better attendance at programs and greater visibility of Programs Board on campus.

TOP, LEFT TO RIGHT: Bryan Vincent takes notes during a meeting. Sally Hammock, Sherri Lane, and Dawn O’Steen listen closely to an idea. BOTTOM, LEFT TO RIGHT: The Student Center Governing Board: Steve Wade, Treasurer; Tom Black, Student Member at Large; Dr. Robert McMath, Faculty Representative; Chris Gorby, President; Marvin Kilgo, SGA Undergraduate Representative; Dr. John Peatman, Faculty Representative; George Shields, Vice-President; Roger Wehrle, Student Center Director. Board members Joel Cook, Shelly Rose, Chris Gorby, George Shields, and Susan Murray hold a group discussion.
TAU BETA PI

Members Benefit Tech Community

Tau Beta Pi is a national engineering honor society which was founded to honor those students and alumni who have conferred honor on their Alma Mater through scholastic achievement and high moral character. Tau Beta Pi has become more than an honor society; its members seek to serve their educational institutions as well as the community in which they live through various service projects. Membership is by invitation and is one of the highest academic honors that can be attained by a student at Georgia Tech.

TOP, LEFT TO RIGHT: The officers of Tau Beta Pi: Jorge Rodriguez, membership committee chairman; Ray Foster, president; Mike Carnevale, vice-president; Sheila Gorman, secretary; and Mike Lee, vice-president. Daryl Mitchell and Lula Knight lead a UJAMAA meeting. MIDDLE, LEFT TO RIGHT: Lisa Carter participates in a service project. Ray Foster answers questions during a meeting of initiates. Herb Adams makes a proposal. BOTTOM RIGHT: Valerie Dial, Bertram Walker, and Wendell Hunt take notes on the meeting’s main points.
Dedicated to serving Georgia Tech and the surrounding community, UJAMMA strove to repay those who offered support in the fight for black students to become part of institutions like Tech. Members devoted their time and talents throughout the year to help those less fortunate than themselves.

Service projects included a used clothing drive for the United Way, visits to local nursing homes, and Halloween parties for local children. UJAMAA also worked in conjunction with the GTAAA in conducting a Thanksgiving food drive and the annual blood pressure clinics.
Once again, the fastidious fishwrappers of the Technique shunned adversity, criticism and decent grades to excrete Volume LXVII of "The South's Liveliest College Newspaper." The year was one of many changes and improvements in the 'Nique. Crafty editors managed to siphon off enough funds from the operating account to purchase a second typesetting terminal and a fancy new process camera with lots of knobs for the photographers to play with. Also, the management wised up and hired a new female-type babe secretary for the editors to play with. The last secretary was driven to the priesthood by the immense pressures involved with the operation of a fast-paced, uni-national entity like the Technique.

Most important, however, was the syndication of Bullwinkle to the Cluster, the Mercer University student newspaper. This made the Magnificent Moose the only quadruped to be published statewide.

Staffers went far and wide to enlighten the Tech community in the award-winning "Technique Goes" feature series. Locales varied from the Varsity to the Disco Kroger to the Cheetah III Lounge. The year was also marked by a substantial increase in the number of women on the Editorial Board. By spring quarter, the number of female editors had increased fivefold over the year before. The men, however, took the situation in hand, and a good feeling resulted.

All of this activity was kept under wraps, and students never knew the difference as they searched paper boxes on Fridays, looking for extra Arby's coupons.
WREK

Reggae Show Adds to Programing

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WREK is the student owned and operated radio station at Georgia Tech. Operating at 91.1 Mhz with a power of 40 thousand watts, it reaches a potential audience of millions in Atlanta and the surrounding communities. WREK informs its listeners about what is happening at Tech through public service announcements of club activities and "Tech Talk" a twice weekly show of Tech news and events hosted by Charles Harmon. WREK entertains with diversified music programing designed to offer an alternative to commercial radio. Jazz, Rock, Bluegrass, Folk, Reggae, Latin, and Classical are a few of the types of music heard on WREK.

This past year has seen the addition of a reggae show and an international music show. Live D.J.s have played a larger role in WREK's programing. Broadcasts of music from clubs and parks such as the "Piedmont Park Jazz Festival" give our listeners a chance to hear live performances never heard elsewhere. Many local artists have their music played for the first time on radio at WREK.

WREK is operated 24 hours every day by student volunteers. They learn from scratch the fundamentals and fine points of programing, engineering, and management. These skills are easily transferred to other jobs and are very valuable to students after they graduate. A few former employees have gone on to become well-known personalities at large commercial stations. Most, however, use their experience to increase their enjoyment of music, learn to work with other people, and have a great time doing it.

TOP: David Carter selects several albums for a program. BOTTOM, LEFT TO RIGHT: David Sedacca sorts tape cartridges. David Carter adjusts the level on the cassette recorder and Steve Gilbraith cues a record while a D.J. controls the console. Bill Rigdon reads the news.