

THE ENGINEERING TECHNICIAN



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No. 2

MULLER, MELVIN CO-AUTHOR NEW BOOK

By D. Massingill

The head of Southern Tech's Drawing Department, Mr. Edward J. Muller, is following up his first book, **Architectural Drawing and Light Construction**, with a new publication, **Reading Architectural Working Drawings**.

Mr. George Melvin, an instructor in the Architectural Department and a licensed architect, is working on the new book with Muller and is the co-author.

Mr. Muller's first book is now in use all over the United States by at least 140 colleges and universities and is in use by many private architectural firms and construction companies. The book is also in use in foreign countries due to its large scope. Having been accepted in practically every state in the union, the book has been reprinted and minor corrections and alterations have been made.

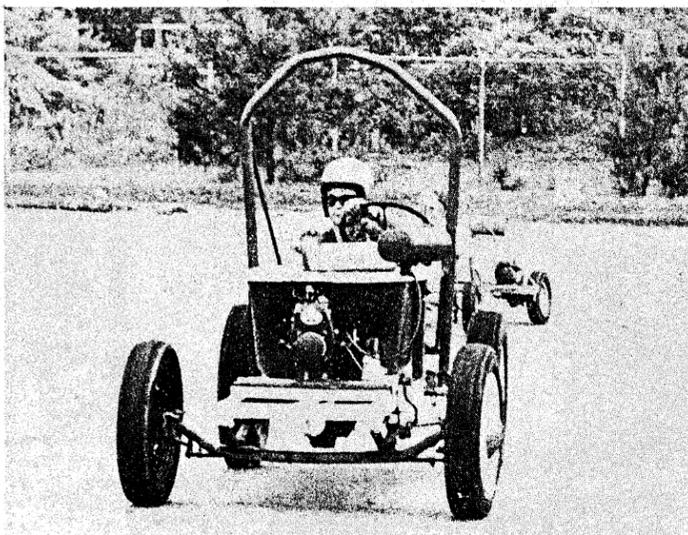
Reading Architectural Working Drawings, the new book will be centered around both commercial and residential buildings, and will feature tear-out exercise sheets for the student to do first-hand work. Prentice Hall will be the publishers for the book and it will be printed for national and international distribution.

Mr. Muller said that this book was to replace his last book in the teaching of beginning draft reading. This book will show how to read the finished blue print instead of trying to teach the drawing of blue prints of house plans.

Mr. Muller and Mr. Melvin are both hoping to have this book finished and to the publisher before the first of the year.

Along with Mr. Muller and Mr. Melvin, another member of the Southern Tech's faculty, is helping with the mathematics in the book. Mr. Richard G. Denning is helping by having some of the math and calculations figured out.

This book will be used for adult's who go to night classes to learn how to read blueprints, plot plans, and other types of architectural plans that they might need to know how to read and understand. Southern Tech will use this new book for the drawing and training program courses.



Bath Tub Racing, Washedtub!

PRATT HEADS BTRC SEMI-ANNUAL RACE SET FOR NOV. 23

by Edmond Pratt

Never let it be said that bathtub racing is not a good, clean sport.

On September 26, 1968, the Southern Technical Institute Bath Tub Race Committee (BTRC) elected Edmond L. Pratt to serve as chairman. Ken Strickland is serving as vice-chairman and Wendell Hitchcock and Mr. Russell are serving as secretary and treasurer respectively.

The BTRC amended the rules used last spring. Copies of the amended rules are available in room 518 which is the office of Mr. Collum, who is the BTRC advisor.

The BTRC is an autonomous organization for any and all students whether they are associated with a club or whether they are independents. There are no dues; the only requirement is that a student must be willing to work.

BTRC duties are light. They entail serving on one of the BTRC's five subcommittees. The five committees are the Rules Committee, the Track Safety Committee, the Inspection and Specifications Committee, the Ways and Means Committee, and the Advertising Committee.

The Rules Committee supervises the amendment of the rules and processes protests about the rules. The Track Safety Committee prepares the roads of which the race track is composed. That is, the Track Safety Committee is responsible for blocking off all roads leading into the track and is re-

sponsible for having all the necessary safety equipment in the proper places at the proper time. The Inspection and Specification Committee is charged with the inspection of the tubs and ruling on protests which pertain to the mechanical aspects of tubs. The last two sub-committees are the Ways and Means Committee and the Advertising Committee. These two subcommittees have a close relationship because they are both responsible for providing the BTRC with money. The BTRC meets regularly every second and fourth Thursday in room 260 at 11:30 A.M. Two representatives for each tub are requested by the BTRC. More than that may attend but only two may vote.

This school year, there will be two bathtub races. The first will be held November 23, and will be closed to all schools except Southern Technical Institute students. The second race will be held during Spring quarter and will be an invitational race.

The American Oil Company has offered to sponsor a perpetual trophy. Amoco will present a silver bowl with the winner's name, number, club, and date of the race to Southern Technical Institute with the provision that any person who wins the race three times may keep the bowl which will be replaced by Amoco.

The BTRC needs people to help with the races. Race workers usually have the "best seats in the house." Won't you help us?

RICHIE NOW LT. STI NEEDS CHANGES

By G. Hicks

The Southern Tech security force is composed of four men. These men are divided into two shifts. Two men are on the night shift. One man and the security department head, Lt. Richie, are on the day shift.

Lt. Richie has been at Southern Tech since 1961. He was promoted to sergeant in 1963. Just lately his promotion to Lt. was suggested to the Captain of Southern Detective Agency by Mr. Hoyt McClure, Director of Southern Tech. As Sergeant, Richie was still head of security but his promotion to Lieutenant brought a pay increase.

The night guards' duties include: the checking of the buildings on campus and checking the parking lots for unusual activities. The Marietta police have begun irregular checks around the campus at night for further protection. Anyone who is not enrolled as a student at Southern Tech and

is caught in illegal activities is held by Southern Tech security and turned over to the Marietta police.

Lt. Richie was called into the Dean's office on the morning of September 26, 1968, and told to have moved by wreckers all cars parked on the streets, on the grass, or in reserved parking spaces by the dormitories. Two wreckers were called and eleven cars were removed in short order.

When asked about how "Security" at Southern Tech could be improved, Lt. Richie commented, "I would like two spotlights installed that would cover the entire parking lot. This would, in my opinion, reduce the rate of thefts of and from the cars. I would also like to have a fence around the entire campus with security guard houses at the entrance. These two factors alone would cut Southern Tech's crime rate to the minimum."

CLUB NEWS —

By Danny Elkins

Alpha Mu

Alpha Mu Sigma has announced its new officers for the 1968-1969 school year. Donnie Culver heads the club as president. David Jimmerson is the vice president and social chairman. Herbert O'Neal and Steve Cook are secretary and treasurer, respectively.

Don Holly is the pledge-master, while Carton Fowler and Doug Russell share Sargeant-at-arms duties.

Alpha Mu will enter a bathtub in the Bath Tub Race which will be held in November. In addition to their entry in the Bath Tub Race and other varied interests, Alpha Mu has stated that they intend to keep the 'Rock' painted 'Red' all this quarter.

Alpha Beta

Alpha Beta Sigma plans many varied activities as officers are elected for the 1968-1969 school year.

Tommy Wright will head Alpha Beta Sigma as president with the help of Andy Rehburg, vice president. Mickey Anderson is secretary and George Rabb is Treasurer.

The 1968-1969 pledge master is Clint Perry and the Social Chairman is Gary Roberts. Bobby Bently was elected Sargeant-at-arms.

Alpha Beta will have at least one Bathtub in the Bath Tub Race and possibly two, according to Tommy Wright, president. One tub will be sponsored by Kelly Chrysler - Plymouth. Alpha Beta will again this year sponsor the annual Valentines Dance, however, no date has been set as yet.

Approximately thirty pledges are expected this quarter and many activities have been planned; for example a Confederacy Honor Day when the pledges will "take" Kennesaw Mountain. Also Alpha Beta wants to plan some football games between the pledges of the different Fraternities.

IEEE

The first meeting of the Institute of Electrical and Electronics Engineers (IEEE) for the new quarter was held on Thursday, Sept. 26. In this meeting, officers were elected and plans were made for the coming meeting.

The new officers, who are: chairman — Danny Bruce, vice chairman — Larry Sapp, secretary — J. A. Moon, and treasurer — O. L. Neundorfer, have a trip planned for the club to Lockheed to tour the C5A.

Last quarter the club was able to make this trip and tour C5A mock-up, the assembly
(Continued on Page 3)

Editorially Speaking



PHIL HALL

The academic year 1968-1969 has now begun. During this year, we of the ENGINEERING TECHNICIAN staff, who now number only eight face the awesome job of putting together seven more issues of your college newspaper.

But it is not the seven issues that shakes us up. It is the near total indifference that we get from the student body. We could say we put out a bad paper that does not interest the students, but we are inclined to believe that this just "ain't" so.

The indifference which we face comes in a variety of forms: one, we cannot get volunteers to help us and, two, we cannot get news from the campus clubs.

It is true that we step on some students' toes once in a while, and therefore alienate them, but this is all part of the service that a college newspaper provides. We are supposed to criticize — anyway it's a lot of fun sometimes.

We appeal especially to those students who know they have writing ability. These are the men we need the most. And Southern Tech has some of these students! We ask only that you produce only two or three articles a month, which really won't subtract much time from those over-twenty-hour loads which some students take.

Of course we take any volunteers to help with the mechanics of the newspapering — photography, proofreading, layout, paste-up, ad selling, and sometimes taxi service.

Many of these tasks can be filled by non-writing students who, in turn for their services, can be taught to write newspaper articles.

We need a big newspaper staff, first because it will lighten work loads, and secondly because we need to know about student activities by keeping in touch with the student body.

There is not much we can find to offer in return for services rendered by students. Those who volunteer will get a feeling of contributing something to campus life.

We can say, as a member of the ENGINEERING TECHNICIAN staff, you will have one more activity to include in your resume when applying for a job.

If you need an outlet to let your imagination run wild, stop by room 273 of the classroom building during the office hours; ten 'til two, and see either Brent Averill or me.

TO ALL STUDENTS:

Personal checks up to \$25 and all payroll checks may be cashed at the cashier's office in the Administration Building. All clubs are urged to contact the Engineering Technician and let us know what you are doing. We would like to cover all clubs' activities but because a minimum number of personnel available this is impossible. So let us know of your activities; we are interested!

The Engineering Technician

Published monthly by the students of Southern Technical Institute
Marietta, Georgia 30060

PHIL HALL	Editor-in-Chief
BRENT AVERILL	Associate Editor
VACANT	Sports Editor
VACANT	Feature Editor
GARY HICKS	News Editor
JUNE MORRIS	Reporter
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PHILIP JOHNSON	Chief Photographer

FACULTY ADVISOR — Arthur Bleakley

Security as a Hole!

A. D. MONISHMENT

"A fence around the entire campus and guard houses at the entrances would help to decrease the thefts at Southern Tech," stated Lt. Richie.

I say nerks to the whole crazy idea. What do some people think that this place is, a prison for Engineering Technology students? I came here under the impression that this was an Institution not a prison!

I can see it now. The fence has been up for several years. Two boys are riding down Clay Street in a car. One boy

has been this route several times. The other boy has never been in this section of town before. The second boy stares at the fence questionly. "What's that place?"

"That's Southern Tech." "Southern Tech? What is that? A prison for Technologist."

Sure I would like to see better security or should I say that I would like to see any security. Already this quarter, there has been at least one car theft, and a few articles have been stolen locked cars. It seems to me

that someone is not doing his best toward security measures. Oh, yes, our security force does have a good record in another field. I bet that Southern Tech's security is among the top Ten colleges for the number of student's cars hauled off for illegal parking. Many people know that the security force can write tickets. But can the security force protect our valuables and protect us without installing a fence around the campus and guard houses?

How Do You Spell It?



BRENT AVERILL

Since the recent step-up of the presidential campaign, the issues are getting hotter and the winds are shifting. Things are definitely moving but in which direction?

George Wallace, who started out as a joke by saying that he did not want the presidency and only hoped to throw the election off, has been a big surprise. In his recent tour of the Northern states, not only have the hecklers died down but thousands have cheered him on. And he seems to have gotten a taste of the presidency because his interest in it has grown intensely.

Hubert Humphrey, who began as a serious candidate, is looking more like a joke as time goes on. Campaigning has gone so badly for him that he has reverted to mudslinging and sending hecklers to the other candidates'

rallies. (He pays the hecklers' bus fare).

One good example of Humphrey's weak campaigning is a statement he made in late September. He told the press that he "would be willing to consider" calling a halt to the bombing in Viet Nam. It seems that he was hoping that people would take this to mean that he planned to end the war. Any candidate should be "willing to consider" as a minimum requirement. He never said what he would do after he finished "considering". Anyway, the only people who took this implied meaning are those who report for the Democratically-oriented news media.

Richard Nixon seems to have been out of the spotlight lately. His campaign started off with a bang but is coasting to a stop. In a recent announcement he stated

that he would launch the most intensive campaign in history in the last month before election. At the moment, he is launching his Young Peoples' Campaign, headed by his daughter, Patricia Nixon, and his future son-in-law, David Eisenhower. This may be the spark his campaign needs. Putting all else aside, Richard Nixon is probably the most qualified candidate going.

Trying to describe this campaign period leaves me at a loss of words. I came up with a comprehensive, one-word description but I ran into a problem (synonymous with the one that a current top-forty hit artist has). I couldn't spell it!

P.S. This word also does a good job of describing school spirit.



RECORD REVIEW

SHADES OF DEEP PURPLE

By Jimmy Walraven
Act One

The unsuspecting reviewer (played by yours truly) moves into the room and places the borrowed album onto the turntable. He turns the volume and bass all the way up, flicks the on switch, sits on the floor between the speakers, and is knocked ten feet by a solid bolt of sound exploding from the amplifiers. Unrepressed, uninhibited noise blasts through the room and rebounds off the walls, the floor, and shakes the very atmosphere as the awed reviewer sits through forty-five minutes of total sound.

Act Two

The still-shaken reviewer sits in silent admiration in a fortress where the air still vibrates in homage to sound gone by. He tries to analyze, to explain what he has heard. He plays the mind-shattering album again, ponders a moment, and begins to write.

Act Three—a review
What is Deep Purple? Un-

chained thunder, that's what! Deep Purple is blazing sound woven into a fabric of harmony and originality. On a solid foundation of fantastic bass and bottom notes, backed by booming electronic noise, wolf howls, and gritty harmonious voices, the music creates an atmosphere of it's own and envelopes the world of electric rock like a throbbing blanket. All the tracks on the album are good, but the high points of the show are **Hush**, and the toughest rendition of **Hey Joe** ever put on wax. **Hush** is a carefully-played atomic experience that manages to retain some of the original version's melody, and **Hey Joe** is a seven-minute blast that'll nail you to the wall.

If you like soul music, or country and western music, you'll hate this record. If you go for electric rock, tough bass, and heavy, well-played, non-stop music, bring on Deep Purple.

Applause
Curtain

IEEE—(Continued from Page 1)

line, and antenna assembly. They are hoping to make the trip again and see the real thing.

The IEEE, one of the largest professional organizations in the world, gives students interested in Electrical Engineering a chance to meet top names

in the field. The STI branch has it's own electrical lab open to members of the IEEE.

The IEEE membership is still open and all interested students may contact Danny Bruce or Mr. Carter, faculty advisor, for information.

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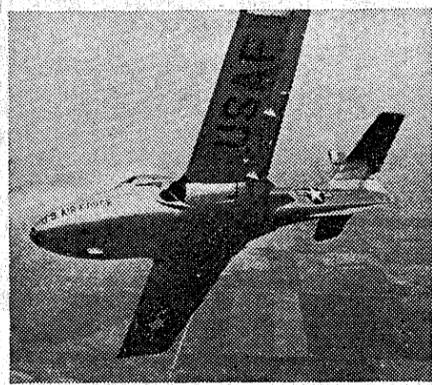
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TECHNICIAN STAFF SELECTED

The 1968-69 ENGINEERING TECHNICIAN staff will be led this year by Phil Hall, editor-in-chief, with the aid of Brent Averill, associate editor.

Gary Hicks will lead the news department as news editor. Hicks has five reporters on his staff, they are: June Morris, Daniel Massingill, Ronnie Teems, Danny Elkins and Edmond Pratt.

Lane Edwards and Harvey Harris are business manager and assistant business manager, respectively. Phil Johnson is the chief photographer and will be aided by several part-time men. Features and sports are still open.

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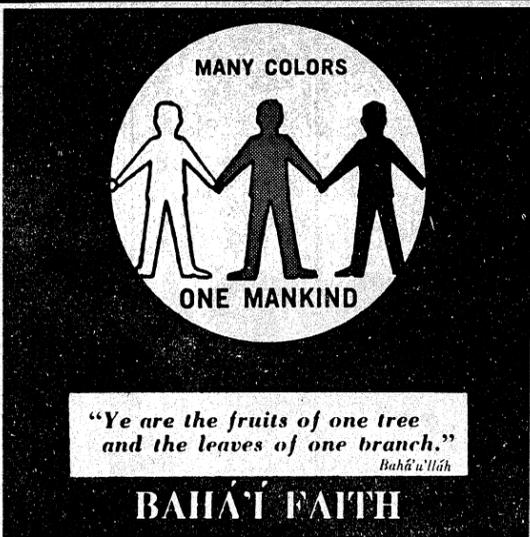
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Skydivers Gain New Members

By Steve Wright

Twenty potential sport parachutists joined the Southern Tech Skydivers at the club's first meeting this quarter. The meeting consisted of a movie illustrating the art of skydiving and a brief history of the sport. A question and answer period followed as club jumpmaster Bill Mallpass explained the details of the sport. The members will be given thirteen hours of ground schooling followed by extensive oral and written testing. A series of five training jumps from 3000 feet will follow using an automatic opening device until the students are accustomed to controlling themselves in the state of weightlessness during free fall. Jumps will be made from progressively higher altitudes when the students officially graduate as select members of one of the most exciting and rewarding collegiate sports.

The club's jump operations and procedures are conducted in accordance with the United States Parachute Association's Basic safety regulations and in particular, the element of safety being stressed.



Randolyn Sandlin, a 16 year old Senior at Forest Park High School, is November's Miss Technician. Randolyn's main interests are oil painting, and music.

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November 1	All Saints Day	
November 2	Alumni	Home
November 2	All Souls Day	
November 7-9	Tip-off Tourney	Clarksville
November 11	Veterans Day	
November 19	North Georgia Vocational	Home
November 22	South Georgia	Home
November 23	Middle Georgia	Cochran
November 23	Battle of Chattanooga	1863
November 24	Battle of Lookout Mt.	1863
November 27	Dalton Junior College	Dalton
November 28-29	Thanksgiving Holidays	
November 30	Saint Andrews Day	

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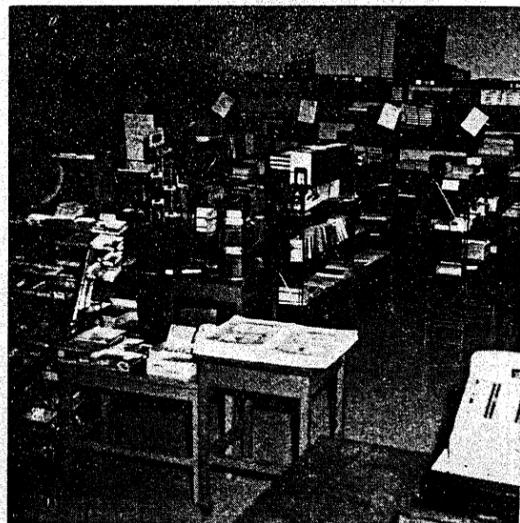
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