

# The Technician

North Carolina State College's Student Newspaper

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State College Station, Raleigh, N. C., Thursday, March 15, 1962

Four Pages This Issue

## Final Approval Pending

### Aerospace Option OK'd By Curriculum Committee

The College Curriculum and Course Committee has given its approval to the proposed addition of the Aerospace Engineering Option to the Mechanical Engineering curriculum.

The committee met yesterday to give final consideration to the request from the Mechanical Engineering department that the present Aeronautical Option be replaced by the new Aerospace Engineering Option. According to Charles R. McCullough, chairman of the Curriculum Committee, the group works in an advisory capacity to the

Dean of Faculty. This committee reviews all curriculum revisions and makes recommendations concerning them to the dean.

If approved by all the necessary channels, the Aerospace Engineering Option will offer a variety of new courses. Among them will be courses in Aerospace Technology, Aircraft and Missile Design, Spacecraft Design, Spacecraft Structures, Aerospace Propulsion Systems, Performance of Hypervelocity Vehicles, and Aerospace Engineering Laboratory.

The Curriculum Committee is also deliberating over the proposal of instituting a new degree in General Studies. The requirements for this degree would be composed of one-half technical courses and one-half non-technical courses. Prof. McCullough stated that action on this question had been delayed until a later date.

### CE's Elect Officers; Jones Named Prexy

By Doug Lientz

The American Society of Civil Engineers elected its officers for the 1962-63 school year at its meeting last night.

The new officers are president, C. Ed Jones; Vice President, William F. Stokes; secretary, L. Gary Clontz; publicity director, Edward S. Thomas; senior representatives on the Engineers' Council, L. Gary Clontz and William F. Stokes; junior representatives on the Engineers' Council, Edward S. Thomas and Edward S. Denbo.

The old officers are president, William E. Burton; vice president, Noland E. Wiggins; secretary, Paul W. Brant; treasurer, Grady T. Ferrell, Jr.

The election followed a program on reinforced concrete presented by the N. C. Products Co.

### Four NCS Students To Attend Session On US Peace Corps

State College will send a four-man delegation to the Regional Peace Corps Conference to be held this weekend in Chapel Hill.

The state-wide collegiate conference, designed to give faculty and students a better understanding of the organization and functions of the Peace Corps, will be held Friday and Saturday in Howell Hall at UNC.

John Bynum will head the State delegation which includes John Carr, Allen Lennon, and Ed Aycoth.

Chairman Bynum emphasized yesterday that the meeting is open to all persons interested in the activities of the Peace Corps and pointed out that a Peace Corps Examination will be given Saturday afternoon following the conference.

Highlighting the two-day meet will be an address Friday (See PEACE, page 4)

## College Bans Senior Exemptions; Caldwell Backs Faculty Senate; Present Seniors Are Exempted

The class of '62 will be the last group of graduating seniors who can exempt final examinations.

Chancellor Caldwell yesterday approved the recommendation from the Faculty Senate to discontinue the standing policy of relieving seniors from exams in the courses in which they held A or B grades.

"The Faculty Senate has recommended that in future years seniors not be exempt from final examinations," the statement from Caldwell's office said. "Because in matters of this kind the will of the faculty expressed through the senate should prevail, I am approving this recommendation to become effective September 1, 1962."

The idea of discontinuing exemption policy arose last year when the Faculty

Senate also came up with recommendations concerning changes in the commencement program. No action was taken by the chancellor until the exam request was resubmitted in December.

Student Government President Norris Tolson commented on the move in this way: "Student Government put on an extensive drive to have the views of the students expressed to the Faculty Senate. It is quite disappointing that the Senate chose not to give the students a chance to express their opinions."

"It is a disappointment that the exemption rule has been abolished as of September, 1962. I can assure the students that every effort was made to maintain this rule; however it was the chancellor's final decision that the will of the faculty will prevail on academic policy and by this students must abide."

The Student Government sponsored both a faculty and student opinion poll concerning the issue and made unsuccessful attempts to appear before the Faculty Senate body.

## Seniors Discuss Gift

Graduation invitations will cost seniors 2½¢ more each this year.

Meeting in the College Union last night, members of the Class of 1962 voted to raise invitation prices from 12½¢ to 15¢ apiece, with the extra sum to be used in purchasing the class gift.

Senior Class President Jimmy Futrell told the small group in attendance that the idea had been fully backed by the Student Supply Stores, who handle the invitation orders.

This action was followed by a discussion of the class gift project; the officers were asked to finalize plans through the college planning office and notify the class of the proposal. After allowing time for suggestions from members at large, the officers can complete the arrangements, the class decided.

The most popular idea at the meeting seemed to be a permanent structure near Hillsboro Street with the name of the college and the sponsoring class included.

Other reports presented at the meeting included progress on the Outstanding Teacher Awards project adopted by the class. Vice-President Ron Boger announced that the selection committees have been formed and should have chosen the eight school winners by April 11. The selection committee (See SENIOR, page 4)



Jim Futrell, president of the Senior Class, addresses the class meeting.

(Photo by Ira Jackson)

## Troubadours Trump Tour

By Jerry Jackson

"Two hearts."  
"Three diamonds."  
"Double!"  
"Man, was Echo flat!"  
"Yeah, but we sure did a good job on Ave Maria."  
"Pass."

From this jargon it would be hard to say who was doing what. However, such conversation was heard quite often Monday and Tuesday as the N. C. State Men's Glee Club made its annual tour.

Singing and bridge ran a close race for popularity as the Glee Club traveled to Southern Pines, Rockingham, Gastonia, Mount Holly, and Concord. The Glee Club, highlighted by soloists and the quartet, seemed to win many friends for State College, while members Freeland and Lucas lost a few although they managed to win quite a few bridge rubbers.

The reception at Southern Pines was quite cordial. Mainly an elementary school audience, they were

nonetheless appreciative as they even whistled and applauded their approval of Adoramus Te (a Medieval composition sung in Latin), the opening number.

The high school girls at all the performances seemed awed by the eighty-five man group; quite a few of the members appeared awed by some of the girls, also. Several addresses were exchanged as public relations for State College were evidenced.

A minor catastrophe was avoided when the second bus made the scene at Gastonia fifteen minutes late for the concert. The next morning, only two members decided to be late. Luckily, their host was of an understanding nature and followed the bus until they could flag it to a stop.

At Concord the bridge playing reached its peak when, during a five minute intermission, several Glee Club members decided they just had to finish their rubber, and proceeded to attempt this. Not too many (See GLEE, page 4)

## Farmhouse Fraternity Holds Crescent Ball



Candidates for the annual "Star and Crescent Ball" of Farmhouse Fraternity include (top row, l to r.) Miss Mary Ann Haynes, Raleigh; Miss Brenda Fritsche Haverford, Penn.; Miss Suzanne Lewis, Mount Airy; and Miss Brenda Lawrence, West Jefferson. (bottom row) Miss Susan Archer, Charlotte; Miss Shirley Parker, Winston-Salem; Miss Linda Copeland, Edenton; and Miss Betty Nance, Jackson.

## Campus Crier

The Men's Glee Club will present a concert Friday, March 16, at 8 p.m. in the College Union. The program will consist of sacred, folk, and Broadway selections.

The Seventh annual North Carolina Literary Forum will be held March 21 in the College Union. Sam Ragan, executive editor of THE NEWS AND OBSERVER, will serve as moderator for a discussion entitled "North Carolina Material for North Carolina Writers."

A special administration of the National Teacher Examinations is set for April 14, 1962. Application materials for candidates in this area are available from Dr. Lyle B. Rogers, 201 Holladay Hall. Applications must be filed by 4 p.m., March 23.

## ROTC Inspection Slated

State's Army ROTC Corps will be inspected next week.

The cadets will undergo their annual inspection by inspectors Lt. Col. Paul R. Wheaton and Colonel Edward P. Thomson.

The formal inspection will take place from 11 a.m. until 1 p.m. on Tuesday, March 20.

All Army ROTC students and ROTC Band members will be excused from classes during these hours.

The inspecting team will review all phases of military activity on campus and will afterward confer with Chancellor Caldwell and Dean Stewart on the military aspects of a college education.

## The King Is Dead

"The King is dead. Long live the King."

These are familiar words from the pages of history which seem out of place in the modern world of freedom, democracy and good government. The sometimes corrupt monarchies of old are far removed from this segment of the world, and for this we are grateful.

For the most part, the members of this institutional community have been forced to do very little against their will. Students, faculty members, and administration people came here of their own volition and will stay only as long as they want to.

An even deeper freedom is found at North Carolina State College, where students are encouraged to probe deeply the truths of life itself, questioning everything, accepting nothing on face value.

Such is the teaching of our distinguished faculty, whose prime motive seems to be proper training for all who seek it. For some of them, however, instruction is a one-way street.

Some of our professors, who no doubt realize that a student can at times be helped greatly by suggestions or ideas from a classmate, evidently no longer consider themselves "learners." Did Faculty Senators consult colleagues' advice on senior exemptions? Apparently not.

Did Faculty Senators even condescend to hear suggestions or comments from lowly students, who also have not learned everything there is to know?

No.

The death of senior exemptions is a little thing, but some of the undertones of the recent campus issue involving exemptions have ugly sounds.

The Faculty Senate's job is to make recommendations to the administration; killing exemptions is done on their request. The administration plainly stated that its only choice was to listen to the Senate on matters of academic policy; even students understood this.

The actual decision, then, was made in the Senate, despite pleas that "we didn't do it, the chancellor did." Holladay Hall's signature is an acknowledgement in this case, nothing more.

Perhaps the commoners of old had the right idea—the loyal citizens cheered when a new monarch took the throne, not knowing whether poverty or plenty was in store for them, not having any say in the matter, but happily waving their caps at the royal carriage when it drove merrily by.

Why go to the trouble of establishing student organizations to determine, analyze, and voice student opinion if the "king" fails to grant an "audience."

That's all we need around here, Sire—a little more reign.

—WMJ

## The Technician

Thursday, March 15, 1962

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"My mind's made up; don't confuse me with public opinion."

## Graduate School Swells To 900

By J. W. Williams  
"State College now has seven graduate students!"

This headline could have been found in an issue of The Technician (had The Technician been in existence at that time) dated for the fall semester of 1896. Since then, the number has risen to 897.

Graduate work was first offered in 1893. In 1913 the students came under the supervision of a "Faculty Standing on Graduate Students." The first

earned doctorate from the Graduate School, established in 1923, was awarded in 1926.

The present number of students enrolled in the graduate program has more than doubled since 1956, with the greatest enrollment occurring in the School of Agriculture.

Of the 897 students enrolled, 47 are women. Exactly 50 per cent are from North Carolina. The other 50 per cent includes students from 44 other states and 46 foreign countries.

It is interesting to note that over half of the foreign students at State College are engaged in the graduate program.

Electrical Engineering has possession of more of graduate students than any other department. Following close, however, are the departments of Agricultural Economics and Experimental Statistics.

Many of the graduate students are married, and most are employed either part or full time.

## Campus Wage Survey: Part II

By Grant Blair and Cora Kemp  
Of the approximately 7,000 students on campus, 1,200 of them work at a part time job.

In the last issue of The Technician, the food service, saleswork, skilled jobs, and laboratory jobs were discussed. The wages, type of work, approximate number of students employed, and any side benefits the stu-

### Tobacco Aroma, Breeds & Weeds To Be Studied

Tobacco flavor, new tobacco breeds, and weeds are among the fields that will be probed with funds provided by a \$46,200 research grant which R. J. Reynolds Tobacco Co. has given State College.

Some \$10,000 will be used for studying the responses of new breeds of tobacco to various cultural and management practices. Another \$10,000 will be used to develop the mechanical harvesting-bulk curing system as a means of reducing labor requirements.

Funds totaling \$8,200 will be used to study the source of tobacco aroma. Another \$3,000 will be used for weed control research and \$3,500 for the construction of a multiple compartment bulk curing system. The remainder of the money will be used as needed in the tobacco research program.

According to Dr. Kenneth R. Keller, director of the Tobacco Research Program, this is the first large grant which Reynolds has made to State College; they have given several smaller grants over the last several years. The money is to be used during the present calendar year.

dent might obtain from his work were also discussed.

Continuing with the survey, library work, odd jobs, and research work will be discussed.

**Research Projects**

Nearly all departments conduct research projects during both the winter and summer months. Students are hired to perform any number of jobs in connection with the programs according to their ability. They are paid from \$.85 to \$3.00 an hour.

of project, amount of money allotted for the project, and the ability of the student. Wages vary between \$.90 and \$3.00.

The Department of Forestry has a unique system of maintaining six work scholarships. They are awarded annually to students on the basis of merit and need. The recipients are required to work on an hourly basis, depending on the type of work, and are paid \$350 for the year.

**Library Work**

The D. H. Hill Library employs students to work at semi-skilled jobs. Beginning salaries are \$.85 per hour with raises based on the number of hours worked. The Textile library

hires two students to work as assistant librarians. Their salaries range from \$1.00 to \$1.20, depending upon the length of time employed. The Civil Engineering library hires one student librarian with a steady wage rate of \$1.00 per hour.

**Odd Jobs**

Interestingly enough, most types of miscellaneous work

(See CAMPUS JOBS, page 4)

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## Four Swimmers Will Represent State In Eastern Regionals

State swimming coach Willis Casey will enter his four best men in the Eastern Regional Swimming Meet this weekend being held on the Yale campus in New Haven, Conn. The group includes All-Americans Pete Fogarasy and Ed Spencer, Bill McGinty, and Smoky Ellis.

Both Fogarasy and Spencer are defending champions and record holders in the events at the Regionals. Fogarasy won the 200 yard breaststroke last year and will be trying for his second win plus trying to add the 100 yard breaststroke title to his records.

Spencer is the defending champ in both the 100 and 200 yard butterfly but will be swimming in only the shorter event this year and will also try to claim the 220 yard freestyle event. Both men were triple winners in the Atlantic Coast Conference championships held here last month.

Both McGinty and Ellis will be entered in the 50 and 100 yard freestyle events. Ellis was the winner in the 50 yard event in the ACC meet while McGinty was first in the 100 and second in the 50.

All four will team up to swim in the 400 yard medley relay, an event which they set a new conference record time of 3:47.7 in a meet against Duke. Ellis will swim the backstroke, Fogarasy the breaststroke, Spencer the butterfly, and McGinty the freestyle parts of the relay.

Coach Casey thinks that the group will break records in the meet, but he doesn't know if they will win. This is based on the fact that last year in the Nationals, Fogarasy broke the record in the breaststroke but finished fourth in the race.

## KA, Kappa Sig Advance To Finals

Kappa Alpha and Kappa Sigma won semi-final basketball games last night to earn the right to meet for the fraternity championship. The finals are scheduled for Wednesday night at 7:00. KA dumped AGR 62-44 in its game while Kappa Sig beat Sigma Nu 51-38.

Jim Spence and Scott Bowers each scored 14 points to pace KA to their win. The contest was evenly matched through the first half with KA holding a 20-19 lead at the half. But the superior height paid off in the second half as KA made a rout of the game. Joe Carpenter lead AGR with 19 points.

The Kappa Sig win was in much the same fashion with the height advantage giving a second half win. The Kappa Sig team came from behind in the last of the first half to take a 26-23 halftime lead. The lead increased to seven at the third quarter and continued to increase to the end of the game. Steve Seawright lead the winners with 20 markers while Bill Slack was high for the losers with 12.

The finals will be the third time the two teams have met this year. In two regular season games the teams split. Also, KA will be going for their second title of the year, having previously won the Intra-

mural Dixie Classics.

In the first round of the playoffs, Kappa Sig squeezed out a one point win over PKA, KA easily stopped the Sig Eps, Sigma Nu downed SAE, and AGR overcame a 10 point deficit in the last two minutes against PKT to send the game into overtime and won in the extra period.

### HURRY! HURRY! HURRY!

Only 68 days left to win for yourself or your campus club the RCA Victor stereophonic 4-speed Hi-Fi Victrola Console and seven other magnificent prizes being offered by Viceroy cigarettes to the individual or organization turning in the most empty Viceroy Packs on **May 15, 1962**. Turn in empties at **The Students Supply Store, Viceroy Empty Pack Contest Headquarters**. See the prizes on display. But

### HURRY! HURRY! HURRY!

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March 20, 1962

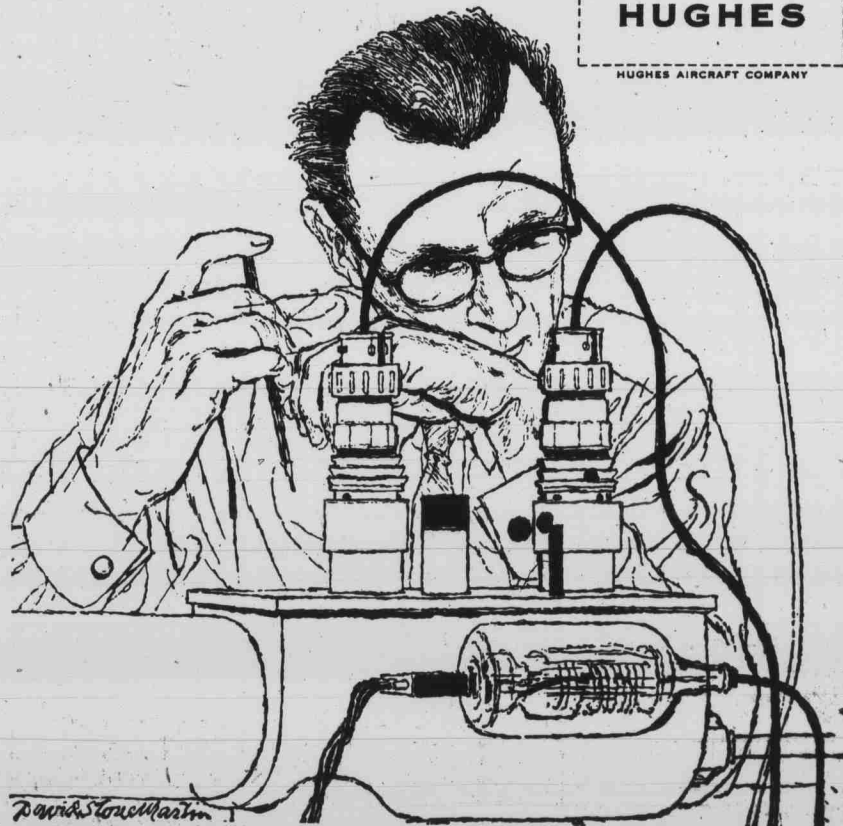
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### Glee Club

(Continued from page 1)  
were seen cramming calculus or physics during these few minutes, however.

Concord produced hosts just as fine as Gastonia as the Glee Club spent several hours twisting, playing basketball, studying, or playing bridge in various homes Tuesday afternoon.

The consensus seemed well stated by one tired soul: "Making four no-trump. Let's see, that puts us to a net total of twenty-nine hundred points. Boy, this tour sure was fun, wasn't it?"  
"Yep."

### Peace Corps

(Continued from page 1)  
night by Paul F. Geren, deputy director of the Peace Corps.

In conjunction with the regional conference, Governor Sanford has proclaimed Saturday, March 17 as "Peace Corps Day" throughout the state.

### Senior Class Meets

(Continued from page 1)  
chairmen will choose the recipient of the \$500 Alumni Association award for the single winner. All of the professors chosen will be named formally at the graduation ceremonies.

## Campus Jobs

(Continued from page 2)  
classified as odd job pay no less than \$1.00 per hour.

Pages at the College Union earn \$.85 per hour when first employed and are subject to a raise upon recommendation by their supervisor.

Intramural football officials and supervisors can earn \$1.50 per game. Life guards, trampoline supervisors, work in the cage, and other such work pays \$.85 per hour.

This survey does not necessarily represent all the

jobs that students hold, but merely the jobs on campus. An attempt has been made to report the number of jobs on campus and some of the prevailing wages and conditions. As one employer has stated, "Any student on this campus who is willing to work can find a job to aid in his support."

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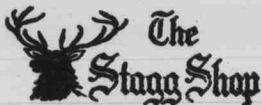
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RALEIGH, N.C.

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Among the controls now under study at Ford is a radar system that warns a driver when he gets too close to the vehicle ahead. Another is a short-range radio frequency device that extends the limits of drivers' senses by giving advance information on road surface and weather conditions, evaluating and appraising obstacles in the driving path ahead. When developed, control systems like these will enable drivers to enjoy safer, faster driving without fatigue.

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