MODIFICATION:

PART I

The first in a series of articles on the future plans of the various departments making up the curricula at Rose Poly concerns the mechanical engineering department. Last week an article was featured on the mechanical section as seen through the eyes of a senior mechanical engineering major, concentrating on the strengths and weaknesses in the structure of the department, as he sees them now. This article will pertain to the future programs of improvement to be undertaken by the mechanical engineering department.

The prefabrication building in the rear of the main building now houses the engine labs and also the aerospace lab. A major improvement is to be made when a subsonic wind tunnel will augment the present scope of study and experimentation. The part of the facilities which were previously used to house the engine labs will be converted to a laboratory to be used to study the effects of various types of stress, force, and torque. Part of the cost of the lab will be underwritten by Mueller Company.

The National Science Foundation through one of its sponsored programs, College Science Improvement Program or COSIP, has given a grant to the mechanical engineering department for a self-education laboratory with audio-visual aids which are geared to allow the individual student to work at his own rate of progress. This three-year program is just now getting under way and is expected to reach completion sometime during the '71-'72 school year. An additional increase of two members to the staff is also contemplated.

The mechanical engineering department appears to be in the process of expanding its facilities in an effort to not only keep pace with the demands made by technological advancements now, but also the post-war...
FRATERNITY AFTERMATH

By Bob Rollings

This is a report on the fraternity phenomenon which, as a traditionally powerful college lobby, in some manner affects every student. Caution yourself first that the information in this article clarifies and explains the fraternity subject and can only undermine the existing structure where it has relied on misinformation and impressions more than fact.

Let us begin with the controversial phrase “fraternities are dying” because we can determine the degree of truth in this statement only by knowing something about the living fraternity. As most fraternities adhere vehemently to the supposed death of fraternities, they fail to understand the implications of the word “death.”

So how can a living institution like the college fraternity die? Fraternities die most often through change and only through disbanding when change is forbidden. The college fraternities which disband every month across the nation constitute only a small portion of the fraternities that die without disbanding. These fraternities experience changes from within that eliminate the qualities which had previously distinguished them from common clubs, co-op houses, or mystic orders. In essence, these fraternities die out through evolution into an already existing social form. Thus, a living fraternal institution in its process of change ceases to be a fraternity when it can more accurately be termed a boarding house or a private club, for example.

Then let us consider some of the common distinguishing characteristics of social fraternities which are changing. Today, the founding stones of the social fraternity, its secret ritual and oaths of membership, receive only small consideration from the members; and this is actually the reason such absolute secrecy can be maintained. Eventually, these founding stones will be done away with, as an inconvenience. Also, in the past few years many fraternities have outlawed the traditional foolishness of pledge-ship and initiation. Students who have joined fraternities in order to “get in,” are no longer put through the trials of spending the night in a box of potato chips thinking it to be a box of broken glass now reject such antics as meaningless and unnecessary. Further, the supposedly all-important hard-sell rush conducted by fraternities against each other receives continually less support from students who do not wish to spend a large part of their college life being “face men” and who would not object to knowing somebody a little different than themselves.

Consider for a moment the traditional “Greek” image of Saturday drinkers, hellraisers and seducers of women. Of course this image was highly stereotyped, but fraternities today must play up less to the image than in the past. They know that the intelligent and experienced students want and get more from their college life than these status symbols. These students create their own action without the fraternity crutch and still place importance on their education. Increasingly evident at learning institutions is that students concerned with social matters avoid the Greek label, students concerned with religious matters avoid the Greek label, and eventually students concerned with anything but their own pleasure and escape will avoid the Greek label. These are the forces which cause fraternities to evolve or disintegrate. A few fraternities have taken on community projects; however, to date most fraternities have only been able to delete their unsatisfactory qualities without adding any new ones. In fact, many fraternities have disintegrated into card clubs, drinking clubs, or dance clubs because this fits the needs of the members. As fraternities These organizations have died.

Then let us consider some of the common distinguishing characteristics of social fraternities which are changing. Today, the founding stones of the social fraternity, its secret ritual and oaths of membership, receive only small consideration from the members; and this is actually the reason such absolute secrecy can be maintained. Eventually, these founding stones will be done away with, as an inconvenience. Also, in the past few years many fraternities have outlawed the traditional foolishness of pledge-ship and initiation. Students who have joined fraternities in order to “get in,” are no longer put through the trials of spending the night in a box of potato chips thinking it to be a box of broken glass now reject such antics as meaningless and unnecessary. Further, the supposedly all-important hard-sell rush conducted by fraternities against each other receives continually less support from students who do not wish to spend a large part of their college life being “face men” and who would not object to knowing somebody a little different than themselves.
DR. LOGAN IN THAILAND  
(Continued from Page One)

Dr. Logan stated that he was "impressed with the acceptance of American Culture," in South East Asia. He also stated that he was impressed with the problem of water development and that there are no easy answers. In the United States we have taken our water supply for granted, assuming it to be limitless, and this has caused our present problems concerning water. It is now realized that the use of water must be planned in advance. The United States has, and is developing, the necessary techniques for the controlled use of water and it is hoped that the emerging nations can avoid our pollution problems.

In summarizing the conference Dr. Logan had this to say: "It represented a truly cooperative undertaking on the part of manufacturers, consultants, academicians, government officials, and students; it was pioneering; it was truly regional; and it was unique in its objectives."

Since Dr. Logan was to summarize the conference he had to attend every session and consequently was not able to see very much of the country, but yet when asked what he thought of the area he replied, "Bangkok is a sophisticated, attractive, pleasant, glamorous city."

Dr. Logan also stated that there is opportunity for leadership by engineers in South East Asia. This area, like other underdeveloped areas of the world, presents a unique opportunity and challenge for engineers to be in the forefront of their development.

PROBLEMS IN ROTC  
(Continued from Page One)

scheduled this quarter a shortage of hours of contact is expected.

So an ad-hoc Student-Faculty committee was set up to study the matter and report to the Faculty Senate who have the final vote on all changes made. This committee includes Drs. Rogers and Meeks, Prof. Oxieman; students Chuck Bosenberg, Bruce Williams and Roger Ward. It is presently studying and discussing the matter with Colonel Steinborn acting as an advisor of sorts answering all questions regarding the present program and changes proposed.

The term "bank holiday," used in Great Britain, means the same thing that the term "legal holiday" means in the United States.

THE AGE OF WRTR

Editor—This article is written by one on the inside of the staff of campus radio station WRTR in an attempt to summarize their purpose in delaying the recommencement of programs from the beginning of the quarter.

Sunday, February 1, saw the dawning of a new age in radio for Rose Tech. True to its new Aquarian self WRTR (Whimpy Radio Turned Right) has set forth to fill the gap left by the other area radio stations. With the breaking of "Sugar Sugar" at promptly one o'clock, Wonderful Rose Tech Radio, ushered in the sound of progressive or "underground" rock, in a program of wall to wall music.

The station has been off the air since the end of last quarter in an attempt to make ready for the "Big Change" by improving their broadcasting facilities. These new improvements include a transmitter in each dormitory in order to bring you the music you want to hear, the way you want to hear it.

To sum up the results, you can say good-bye to pimple rock, pick the bubble gum out of your ears, and say hello to WRTR, broadcasting from 11 A.M. to twelve midnight each day at 1550 on your am dial.
B.S.B., ATO CAPTURE MAJOR B-BALL TITLES

With most of the regular season contests completed, only tournaments and playoffs remain for those whose season efforts met with success.

Recent matches witnessed the downfall of previously unbeaten Mees Hall (19-2). Still on top, though, in I.M. bowling with a three-match lead over conqueror LXA, Mees' potency stems largely from their one-two punch of Paul Scheibelhut and Jim Sutor whose 179 and 177 averages place them third and fourth respectively in overall individual standings. For the first time this season, Geoff Germane of contender LXA has fleeced top individual honors from Mark Brown (Sharpenburg), 185-183, using a 491 series to reach the peak.

The league's championship will be at stake when third place ATO (4-2) challenges Sigma Nu (5-1) who is in a dead heat with TX for the top spot. Sigma Nu's victory would force a playoff allowing Sigma Nu to face its master of earlier in the season.

With the regular season completed and the first round of tournament play underway, what at first was considered to be a surprise developed into a veritable mismatch as B.S.B. took the measure of Sigma Nu twice, the second meeting determining who should advance in tournament play. Establishing themselves as tourney favorites, B.S.B.'s remarkable rise to the top put B.S.B. in the driver's seat with the two league victories in opposite brackets, which, barring the upset, sets the stage for a fine championship battle.

**MODIFICATION:**

(Continued from Page One)

lateral advancements still to be made. When another expansion will be necessary is an academic question, but at this moment indications are that the mechanical engineering department is keeping abreast with situations and circumstances.

**ENGINEERS WIN**

Rose Poly's basketball Engineers, continuing their win for a fine championship battle. As a team Rose hit on 55 per cent of their shots, one of the best figures of the year.

Earlier last week, on Tuesday, the Engineers traveled to Greenville and won 69-62. Rose raced to a 20-point advantage in the first half, and still led by 15 at the intermission, 35-20. Greenville came back in the second half to tighten up the game but the Engineers got hot and pulled away at the end. Gary Beck of Greenville led all scorers with 24 points. For Rose, Ings had 16, Barry Jenkins had 14, and Eppen dumped in 13. The win was somewhat costly for the Engineers, however, as Ings hurt his left arm in the game.

**CANCELLATIONS**

A recent interview with Mr. Paul Headly revealed that a number of companies I.M. cancelled interviews at Rose within the last few months. The first three months of this academic year saw approximately 12 companies cancelling trips to our campus, however the month of February alone has reached this total.

The primary reason lies in the fact that President Nixon has attempted to tighten our economy, therefore almost all of the industries are tightening their factories and cutting their labor force down. Furthermore, many of the companies are interviewing for summer employment earlier than last year.

It is hoped that recruiting will pick up as the term nears an end, however the economic situation looks bleak at the moment. Of the job offers received by the seniors, it appears that they are running a little higher than last year but no significance can be detected at such an early date.

**STUDENT-FACULTY**

(Continued from Page One)

present freshmen, nor will it affect the sophomore program.

Following this report, John Hodsdon, president of the Student Government, made a report on what the Student Government has done so far this year, most important of which is the preparation of a complete and current Student Handbook. Also discussed were ways to improve student-faculty relations. Most of the students present expressed the idea that the faculty should try to develop a more personal relationship with the students. One suggestion was that there be set aside a larger lounge where both the students and faculty could meet to talk about things other than what goes on in the classroom.

There were two proposals made by the students concerning the courses at the school. First, it was suggested that there be more pass-fail courses. The present system offers one course in the junior year and one course in the senior. It was suggested that this be increased to one a quarter for juniors and seniors, and to any freshmen or sophomores who wished to take an overload. It was also suggested that students could audit courses and accomplish the same ends.

The second proposal was to review the present lab situation. It was felt by the students that, compared with the amount of time put into writing up a lab report, the student did not receive and equitable amount of credit, nor did he gain that much from it.

The philosopher Eratosthenes first calculated the earth's circumference with an equation based on the linear distance between the Egyptian cities of Syene (now Aswan) and Alexandria.

**ANNOUNCEMENT**

Our Managers, Betty Rich and Jim Dryer, have "Gone Out of Their Heads" over you and have declared Tuesday Evenings at "BELOW THE SALT" as pitch'er Night each week.

Between the hours of 6:00 p.m. and 9:00 p.m. all pitch'er beer will be sold to customers at $1.00 per pitch'er except our imported Lowenbrau Beer.

Call 232-2144 for your favorite sandwich or pizza to go.

8 N. 5th Street

**STUDENT-FACULTY**

(Continued from Page One)

present freshmen, nor will it affect the sophomore program.

Following this report, John Hodsdon, president of the Student Government, made a report on what the Student Government has done so far this year, most important of which is the preparation of a complete and current Student Handbook. Also discussed were ways to improve student-faculty relations. Most of the students present expressed the idea that the faculty should try to develop a more personal relationship with the students. One suggestion was that there be set aside a larger lounge where both the students and faculty could meet to talk about things other than what goes on in the classroom.

There were two proposals made by the students concerning the courses at the school. First, it was suggested that there be more pass-fail courses. The present system offers one course in the junior year and one course in the senior. It was suggested that this be increased to one a quarter for juniors and seniors, and to any freshmen or sophomores who wished to take an overload. It was also suggested that students could audit courses and accomplish the same ends.

The second proposal was to review the present lab situation. It was felt by the students that, compared with the amount of time put into writing up a lab report, the student did not receive and equitable amount of credit, nor did he gain that much from it.

The philosopher Eratosthenes first calculated the earth's circumference with an equation based on the linear distance between the Egyptian cities of Syene (now Aswan) and Alexandria.