

NO ACTION IN ATHLETIC CRISIS

Thornhill To Play For Soph Prom

To Take Place Of McIntyre At Soph Dance

Options To Be Sold Feb. 20 In Bldg. 10; Price Will Be \$5.00

In a sudden, surprise move it was announced this week that Claude Thornhill will be featured at the Sophomore Prom instead of Hal McIntyre as was previously reported. The committee feels that the Thornhill aggregation will prove to be tops among American dance bands and the change was approved after glowing reports on the band from Skidmore College where Thornhill recently played.

Option sale will begin at 8:30 A.M. on Thursday, February 20th, in the lobby of Building 10. The option price remains at \$5 with the cost of redemption \$2 plus tax. Since the supply of options is limited the committee expressed the hope that those who plan to attend the affair on March 28th be in line early for options are expected to disappear rapidly.

Rated as one of the finest names among the current generation of bandleaders, Claude Thornhill left the musical world after attaining top rank to enlist in the Navy in October, 1942. Rising from apprentice seaman to Chief Musician, Claude toured the Pacific for 32 months in a show which featured his band. He is now back in musical action and his distinctive piano styling and unique orchestrations are still the most original musical offering among modern dance bands.

The Thornhill setup includes six reeds, eight brass and four rhythm, paced by the leader's eloquent piano.

Prof. K. Lewin Dies Suddenly On Wed.

Headed Group Dynamics Center Here Since 1944

Dr. Kurt Lewin, Director of the Research Center for Group Dynamics at the Institute and internationally known as an authority on group psychology, died suddenly at his home in Newtonville, early Wednesday, February 12.

A native of Mogilno, Germany, where he was born in 1890, Dr. Lewin was educated at the University of Freiburg and the University of Munich, and was graduated from the University of Berlin with the degree of doctor of philosophy in 1914.

Dr. Lewin came to the United States in 1932 from Berlin University where he had been Associate Professor of Philosophy since 1921. He served as a visiting professor of Psychology at Stanford University from 1932 to 1933 and was Acting Professor of Psychology at Cornell University from 1933 to 1935. From 1935 to 1944 he was Professor of Psychology at the University of Iowa and was appointed a visiting professor at Harvard University for one semester each in 1939 and in 1940. Dr. Lewin had been a consultant to the United States Department of Agriculture since 1942 and to the Office of Strategic Services since 1944.

Dr. Lewin's appointment as Director of the Research Center for Group Dynamics at Technology came in 1944.

IT IS LATER THAN YOU THINK

A crisis has occurred in the realm of athletics at Technology. An impasse has been reached; all depends on swift positive action, but as yet, nothing has been done. The question of a development of a concrete athletic program coupled with a revamped athletic administration designed to interest the greatest number of students in sports must be decided within five weeks before the freezing of the Fall schedules.

At the meeting of the Advisory Council on Athletics, it was indicated that a great deal hinged on the forthcoming report by the Athletics Study Committee of the Institute Committee. This committee has not yet met this term, and from present indications, it is doubtful whether their report will be ready for several weeks. The next meeting of the Advisory Council is one month away. If anything is to be done, it must be done now.

It is our firm belief that such a development of our athletic program would be of greatest benefit to the student body. We feel, furthermore, that if the student body should voice its feeling on the matter, action would be greatly accelerated. We are therefore providing a coupon at the bottom of this page which we encourage every student to fill out and mail to us via an Institute mailbox. It will be seen that the information thus gained will be communicated to the administration where action will be initiated. The time grows short; act now!

Tech Standards Stay Unchanged

Dean Pitre Expects Usual Student Grades

In an attempt to determine the facts or fancy behind the rumors that the Institute has dropped more students and placed more on probation than in previous terms, The Tech consulted Dean Thomas F. Pitre for official information. The last term's final examinations did have a certain "leveling effect," he asserted; at the same time pointing out that different students respond differently to the two systems of marking (one with final exams and one without). This leveling effect was more pronounced since last term's final exams were the first to be given in two terms.

No general breakdown of student grades for the past term have yet been completed, according to Dean Pitre, who remarked that there is considerable work required in just figuring the grades of each individual student, and that it will be several weeks before any breakdowns and averages can be made for the student body as a whole.

The Dean predicted, however, that the school average would remain about the same as usual, that is between 3.25 and 3.35. (One time the average reached 3.38) Any slight variation within these limits would not be sufficient to draw conclusions on the general strictness in grading by the instructors, or of the general quality or purposefulness of the students.

To questions about the Institute's policy of admitting freshmen to crowded courses, he replied that it resolves into a departmental problem with the heads of each course selecting those men who will enter. It is hoped that there will be accommodations for all the freshmen in the courses they desire, but the Institute foreseeing over crowding in some courses, has encouraged freshmen to investigate the opportunities of the less popular courses.

Scholarship And Loan Applications Ready Now

Applications for either undergraduate scholarships or loans for the academic year 1947-8 are due at the Office of the Dean of Students, Room 7-133, not later than March 1. Applications are now ready and may be obtained at that office.

Phillips, I. F. C. Head, Appointed Assistant To Dean E. M. Baker

Liaison Between Dean And Student Activities

Appointment of James L. Phillips, '47, present Chairman of the Interfraternity Council, to the new administrative post of Assistant to the Dean of Students was announced by Dean Everett Moore Baker today. In this post Phillips will assist Dean Baker in contacts with students and their activities.

Announcing the new appointment, Dean Baker said: "Mr. Phillips' duties and responsibilities will be to serve as Assistant to the Dean of Students in his responsibility for the Institute's relationships with student government and recognized student activities including athletics and fraternities. It was because of Mr. Phillips' recognized leadership as Chairman of the Interfraternity Council and his interest and activity in athletics that he was invited to fill this new position. It is assumed that the position will not be permanent but that from time to time, at intervals of two or three years, the Assistant to the Dean of Students will change in order that the office will always have a representative of undergraduate interest and attitudes whose first-hand knowledge and opinions are immediately related to student affairs. The developing plans for increased emphasis on the improvement of living, recreational, and extra-curricular activities of the Institute indicate the importance of Mr. Phillips' responsibilities."

Dorm Comm. To Sponsor "Spring Fancy" Festival

Several informal dances have been scheduled by the Dormitory Dance Committee for the coming term. The first will be the "Spring Fancy," an acquaintance dance which will be attended by girls from 10 local schools. Music will be by Sid Mansfield and his orchestra. The dance will be held on Saturday evening, March 1, in Morss Hall. Admission is \$1.20, and tickets will be on sale beginning next Thursday in the lobby of Building 10. Other informal dances in Morss Hall have been tentatively scheduled for April 5 and May 17.

Demands Arise For Changes In Sports Set-up

The Tuesday evening meeting of the Alumni Advisory Council was notable not only because it was suggested that compulsory calisthenics be reinstated, but because it marked another of those "in-actions" which have marked the attempts to improve the condition of sports at the Institute.

At the previous meeting of the council, one month ago, Dean Baker, in an attempt to force some action on the matter, suggested that a committee be formed to make a list of the priorities of various sports for increased playing space. This committee was actually appointed by Dr. Rockwell, yet as far as is known, no meetings of this committee have been held nor have any been planned. The result was that at this week's meeting of the Council no report or list of priorities was made available to Dean Baker, and the whole situation was back where it had started: with all the sports crying for increased room, yet no order or cataloging of the most essential needs having been made.

Dean Baker had informed the Council at its meeting one month ago that the Institute was trying to obtain surplus and enlarged Quonset hut sections, but that the final acquisition of these items would have to wait until the Institute knew exactly what was needed.

The present furor concerning the athletic program originally began with the demand for the reinstatement of baseball and the establishment of football as a part of the varsity schedule. The Advisory

Freshman Elections To Start Next Week

Elections of representatives to the Freshman Council for the spring term, 1947, will commence early next week. Each section will elect one representative, as well as an alternate, to the council, which in turn will elect three representatives to the Institute Committee.

Members of the Elections Committee will hold the elections for each section in their drawing rooms. Two days prior to the elections, freshmen will have the opportunity to nominate their candidates, which will give the sections time to think about the men they wish to elect.

Because of the usual apathetic silence that greets a request for nominations from freshman sections, it is suggested that members of the freshman class become acquainted with each other as soon as possible, and at the same time think about whom they would want as section leaders.

Advisory Council Dodges Issues On Sports Plan

Suggestion Made For Compulsory Calisthenics Or Sports Proficiency

Mr. Ralph T. Jope dropped a bombshell into the calm of an Alumni Advisory Council on Athletics meeting last Tuesday night when he suggested that compulsory physical training be considered for reinstatement into the freshman program at the Institute. The general reaction of the group present seemed to be against compulsory calisthenics, but the broader question of the expansion and future of the athletic program at Technology was brought to the forefront.

Dean Thomas P. Pitre immediately voiced his disfavor of a compulsory calisthenics program in the light of previous administrative difficulties in dealing with such a program. Prior to the war, a system was in effect which required of each freshman either two hours per week of calisthenics or three hours per week of an approved sport. After Pearl Harbor, this program was discontinued because of the use of Walker gymnasium and the athletic fields by the Army. Dean Pitre also mentioned the lack of time in the freshman's schedule, citing that the average freshman had but eight free hours per week, not in-

Inst. Com. Approves Lib. Arts Society

Also Passes Office Changes By Exec. Com.

The Institute Committee approved the Constitution of the Liberal Society and the moving of several activity offices in the course of fifteen minutes at yesterday's meeting. Both of these were passed exactly as recommended by the Executive Committee. New appointments to the Public Relations Committee and the Student-Faculty Committee were approved, as were the resignation of the treasurer of the A. A. and the appointment of the new treasurer.

The office moves and the new appointments were included in the report on the Executive Committee. That committee moved that the following appointments be made to the Public Relations Committee: Chairman, Kenneth S. Brock, '48; Vice-Chairmen, Harold D. Field, Jr., '49, and Ronald J. R. Kallman, '49; Associates, James A. Stevenson, '49, and David V. Stallard, '49. Also the Executive Committee moved that the following be appointed to the

Editor of The Tech
Walker Memorial
Cambridge, Mass.
Dear Sir:

- I believe that the athletics program should be developed with the inclusion of a director of athletics who would stimulate optimum interest in athletics. Yes No
- I believe that some form of sports program be adopted which would provide a broad athletic background for Techmen. Yes No
- I am in favor of an expanded intramural sports program. Yes No

Name (optional)

Class

Clip this coupon, fill out, and drop into any Institute mailbox.

The Tech

Vol. LXVII Friday, February 14, 1947 No. 4

MANAGING BOARD

General Manager Arnold S. Judson, '47
Editor Peter H. Spitz, '48
Business Manager Burton H. Kahn, '47
Co-Managing Editors: L. F. Kreek, Jr., '48; Arnold M. Singer, '48

ASSOCIATE BOARD

Joseph J. Baron, '48; Carleton H. Bell, '48; Daniel J. Fink, '48;
George A. Freund, '49; David R. Israel, '49; James I. Mason, '49;
Malcolm E. Reed, '49; Harrison E. Rowe, '49; Ephraim M.
Sparrow, '48; Joseph A. Stern, '49.

STAFF ASSISTANTS

Robert D. Fier, '49; Robert S. Friedman, '48; David A. Grossman, '50; Orvis B. Hartman, '47; Frank W. Heilenday, '48;
Thomas L. Hilton, '49; Jerome A. Lewis, '50; Jay J. Martin, Jr., '47; Harold Ottobriani, '48; Donald W. Ramsey, '49; Theodore E. Thal, '48; William Tobocman, '50.

EDITORIAL BOARD

Claude W. Brenner, '47; J. David Cist, '48; John A. Cornell, '47; Virginia H. Ferguson, '47; Robert B. Hildebrand, '47;
Norman N. Holland, '47; Stephen B. King, '47; Jack B. Lehmann, '47; Donald A. Mains, '47; Kenneth A. Marshall, '47; Sidney L. Smith, '47; Marvin W. Sweeney, '47.

OFFICES OF THE TECH

News and Editorial—Room 3, Walker Memorial, Cambridge, Mass.
Telephone KIRKland 1882.

Business—Room 301, Walker Memorial. Telephone KIRKland 1881.

Student Subscription, \$1.50 per year. Mail Subscriptions, \$2.00 per year.

Published every Friday during college year, except during college vacation.

Entered as second class matter December 9, 1944, at the Post Office, at Boston, Mass., under the Act of March 3, 1879.

Represented for national advertising by National Advertising Service, Inc., College Publishers Representative, 420 Madison Ave., New York, N. Y.

Member, Associated Collegiate Press, distributor of Collegiate Digest.

Night Editor: Daniel J. Fink, '48

Assistant Night Editor: David A. Grossman, '50

tion has been raised against such a step. It is not our purpose to suggest initiating proceedings for the foundation of a chapter of, say, the S.D.A. at the Institute. We do want to emphasize, however, that scientists, as well as all other citizens, should have an interest, an active interest in politics. This fact is being demonstrated very clearly in Washington these days.

IS WALKER IMPROVING?

Another term has started; a new, though small, freshman class has entered, and once again Walker's food selection is much better than normal. Griddle cakes have been sold nearly every morning at breakfast; roast beef was the special one evening, and steak and pork chops were featured the following night. Certainly this is enough to impress any freshman! Judging from the long lunch and dinner lines, we would guess that many of them are forming the Walker habit early while the rest of Technology takes advantage of this beginning-of-term treat. Sadly enough, the freshmen often fail to ask themselves: "How long will this last?"

If history repeats itself in this instance, as it always has for at least the last five terms, the answer is: "Not long." The griddle cakes, served nearly every day during the first week, are likely not to appear again for over a month. Instead of the roast beef there are braised ox joints selling for only fifteen or twenty cents less. The lines shrink, but enough people retain the habit, or find other cafeterias too crowded or too inconveniently located. Meanwhile the "dining service" operates at a handsome profit.

Admittedly we would be going out on a limb if we positively declared that this sequence would again follow. Indeed there are some signs that it will not. The return of cooked-to-order steaks familiar before the war is an indication of this. But our past experience has been that the Walker management seems to care not so much about furnishing good service, but rather about making a profit and appeasing in some measure the occasional complaints hurled against it. The results of the Dormitory Committee investigation last spring did much to convince us of that. Notable among the improvements, which were observed while the inquiry was in progress, was the variation of entrees between noon and evening. Gradually the dinner selection deteriorated until it is at present often no better than that at lunch.

The question of whether Walker has turned over a new leaf or whether it is again just trying to make a good impression to get the patronization of the new students will be answered in the course of the next month or two. If the latter is apparent, one should remember that there are many cafeterias within three blocks of the dormitories. For instance, the Graduate House boasts better food and service at about the same prices, and the walk would prove beneficial to one who is apt to get too little exercise.

If the Walker management turns over a new leaf, we shall be the first to praise them. If not, individual boycotts of wholesale proportions would be the best way to force improvement.

BROTHERHOOD

Every thoughtful person is disturbed about the impact of modern science on the lives of people everywhere, and the adjustments necessary to accommodate life to global living.

By the cutting down of distance in relation to time, both in communication and travel, science has brought peoples of different languages, races, and continents into daily contact with each other. Science also has released the power to destroy the civilization of which it is the product. This means that there must be an awareness of changing values and the recognition of new obligations if we are to realize the benefits of a progressive civilization.

The task of building brotherhood here and throughout the world is a continuous one which will never be finished. The spiritual well-being and social advancement of all peoples are limited by no horizon.

The peoples of the world will be satisfied with nothing less.

This provides the motive of our campaign for American Brotherhood. It is our aim to enlist a million of our citizens here in the United States consciously to practice brotherhood in all relations which they sustain to one another; to establish brotherhood in America as the accepted rule of human relations.

Ours is the peoples' democracy. We must keep it wide and vigorous, alive to need of whatever kind, always remembering that it is the needs of the spirit that in the end prevail, that caring counts; that where there is no vision the people perish; that hope and faith count, and that without charity there can be nothing good; that through daring to live dangerously we have learned to live generously, and believing in the inherent goodness of man we may meet the call to "strive forward into the unknown with growing confidence."

Courtesy of "American Brotherhood Week"



By DAVE GROSSMAN

I have been wondering about how Tech got the reputation for being a horribly difficult school. As soon as you tell someone, "I go to Tech," his eyes open wide in amazement and invariably he says, in a voice dripping with pity, "But isn't it terribly hard?" Usually I nod and play along with him, but once in a while I can't resist saying to some acquaintance, "Oh, no, that's just a rumor put out by the Corporation to discourage applicants."

Since this query is used merely as a conversational device, most people feel that any answer but a simple, bashful, "Oh, yes" on my part is an underhanded, antisocial trick.

I can think of only one way that this rumor of vast difficulty at Technology got under way: Some English prof, attempting to instill something or other into his unsuspecting class, tried that old trick of whispering something into the first man's ear, having him whisper it to the second, and so on until the last man gets up bashfully and mumbles some dirty words that a smart guy has inserted along the way.

This teacher (who was a Harvard man and therefore capable of anything) told the first man, sotto voce, that, "Cogito cogito, ergo cogito sum." The phrase traveled past the first four men but the fifth man had never had Latin. On top of this, his neighbor was a little deaf, making his task even more difficult. Impressed by these sudden hardships, the chap (who will remain anonymous) muttered innocently and to no one in particular, "Gee, Tech is sure hard."

Some visiting dignitary, in all probability an agent from the National Football League, who had come to Tech seeking to lure away some of our budding Glenn Davis's with million-dollar offers, seized upon the remark as ideal for his purposes. He persuaded the bewildered pupil who had uttered the unfortunate phrase to release it for quotation, and, using this as a bludgeon, obtained a whole new backfield for the Boston Yanks at the price of a good-sized cyclotron.

The Boston papers, scandal-mongers all, took up the remark in lieu of Dr. Compton's latest speech. From this humble start the assertion that studies here are so much harder than at other schools has spread all over the world. Can't you hear one Siamese say to another, "Tek bing bolly whop!" (translation: Tech is tough stuff)?

This has gone on long enough. The masses must be informed that students here aren't Herculean super-brains. To facilitate this I propose that WMIT begin broadcasting an hourly jingle:

"Tech is easy
That's no bunk
Very easy
Just don't flunk. . . .
Techmen, unite! You have nothing to lose but your brains; you have a world to win!"

Certainly it is time something was done. We must awake from our lethargy and build a bigger, a better, and above all an easier Technology!

Soph Prom

(Continued from Page 1)

Most unusual of all is the fact that in the eight brass, there are two French horns. The horns, which are usually identified with symphonic orchestras are being used to blend with the colorfully harmonious arrangements of the leader. Two vocalists round out the group.

Thornhill plays the piano with casual ease, his fingers gliding over the ivories with an effortless grace that belies the difficulties of the arrangements. His piano is heard to telling effect in the beautiful theme of the band: "Snowfall" which Thornhill composed and on

Inst. Comm.

(Continued from Page 1)

Student Faculty Committee: W. Jack Levedahl, '48, William L. Whalen, '48, John B. Kaymen, '49, Fred J. Howden, Jr., '49, and Leo J. Rossback, '49.

The most controversial business of the meeting was the acceptance of office changes dictated by the Executive Committee. The Tech News and Editorial Board will move to the A. A. Managers' Office; The Tech Business Board to the Musical Club Office; the Musical Club to the Tech Editorial Office; the Debating Society to the Tech Business Office, the A. A. Managers to the Tech Business Office, The Tech Show and the Public Relations Committee to the Walker Memorial Office, and lastly the Walker Memorial Committee, the Student Faculty Committee and the Elections Committee to the Tech News Office.

After the reading of the changes to be made, Arnold S. Judson, '47, General Manager of The Tech, was granted the floor to object "just for the record" to the moving of The Tech offices to the third floor. He explained that as large and as active a staff as The Tech should have a more accessible office, stating further that the paper was as least as important as the Institute Committee's subcommittees which would take over the basement offices. Following Judson's appeal, Virginia H. Ferguson, '47, defended the action of the Executive Committee saying that it was the long range policy of that committee to have all subcommittees to the Institute Committee in the basement of Walker.

Of particular significance was the report on the methods whereby the Public Relations and Student-Faculty committees will in the future be insured against becoming closed corporations controlled by a small clique of students. Because the Public Relations Committee has just now been formed, it has been necessary, according to the Executive Committee, to appoint the officers without a competition.

Advisory Council

(Continued from Page 1)

cluding lunch period.

It was then suggested that sports be made compulsory to supplant calisthenics. Several plans were offered which involve either the rotation of students from sport to sport during the freshman year or the requirement of passing proficiency tests in various sports prior to graduation. The coaches were most willing to support any plan which would encourage greater participation in sports. Crew Coach McMillin bemoaned the fact that lack of student interest in his sport this year had probably lost Technology its greatest freshman crew.

Mr. Joep mentioned that lack of facilities in the various sports prohibited any program which would substitute sports for calisthenics. The coaches, however, countered by stating that they could accommodate about three times the number that they are now handling. When the question of exactly how many men were out for each sport and the percentage of the total student body active in athletics, it developed that no one was quite certain of the answer. Deaaker mentioned that a survey was in progress, but that the results would not be known for some time.

Jack B. Lehmann, '47, suggested as an alternative that intramural sports be expanded greatly. It was proposed several times that a committee be formed to study the entire question of compulsory physical training; no committee was formed, however, and the meeting ended with Dr. Rockwell, chairman of the council, suggesting that the members "think it over for the next meeting" a month away.

virtually all of the distinctive arrangements that have made this band so outstanding. Dorm residents may become acquainted with Thornhill's theme as well as his other numbers by listening to the nightly fifteen-minute program which the Prom sponsors over WMIT.

CLASH OF IDEOLOGIES

To deny the existence of Communism in the United States would be absurd. In a democracy, political parties of any nature are allowed to exist and the Communists were quick to grasp at this opportunity for legal status here. Comparably ineffective for many years, the party came into its own during and after the war and though still relatively unimportant, has now come into the spotlight because of the rapid ascendancy of Communism in many other Western countries. How important is Communism slated to become over here?

To hear the tabloids tell it, the United States is about to undergo a revolution incited by subversive agents from Russia and from the ranks of the local radicals. If this is true, the House Un-American Activities Committee will soon know about it, judging from the intensive investigations now being carried out in Washington. It seems a pretty safe assumption, though, that nothing of the sort is in the offing and that the Communist party here has not anywhere near the power to carry through this ridiculous charge.

The repugnance of Americans to Communism has been amply evidenced and demonstrated. The party has failed to amass even a moderately large membership here and its influence on public affairs can be considered as almost negligible. Its main harm has come from its nuisance value. Thus Communist-backing of certain causes and principles here has often amounted to a virtual kiss-of-death. Organizations have been branded as "red" only because they received the Communist stamp of approval and not because Communists actually infiltrated their ranks in any numbers. A situation of deep concern to the Liberal cause in this country has in this way presented itself.

As an example of this, we learned recently that students at Michigan State College, members of the American Youth for Democracy movement were allegedly put on probationary status for passing out pamphlets urging fellow-students to support proposed state F.E.P.C. legislation. Now the A.Y.D. has been branded "pink" and "red" as have many other "liberal" organizations. Whether these charges are true or not we don't know. But the infringement of academic freedom for the support of as important a piece of legislation as the Fair Employment Practices Commission is a serious step. If a group has Communistic motives, the facts should be brought out, and action taken against possible subversive activity. To punish students for backing the F.E.P.C. would be a serious blunder and highly deplorable. For if the objectives of liberal policy are in danger of being associated at every step with Communism, this country can only suffer a wave of reaction whose results would be disastrous.

It is now up to the Liberals to act. They have let Communists join their ranks and ruin their own chances of public support. It is up to the Liberals to tell the Communists: "We don't want any." Liberalism, according to many present writers, is now at a standstill. It must be invigorated and become important again not only in name, but in action.

The plight of liberalism right now cannot be emphasized too much. It is the subject of much discussion and action by certain groups these days, organizations which are as much opposed to Communism as anybody. College students are especially active in this respect and such groups as the Students for Democratic Action have attained large memberships.

Whether Technology wants an organization of this nature is a moot question. Much objec-

Technology Gives Only Marine Transportation Course In the Country

Graduates Obtain Shore Jobs With Steamship Lines

Marine Transportation is a field of world-wide activity with which comparatively few students may be familiar, and the opportunities in this field are perhaps not as well known as those which are open to graduates from other courses of the Institute. This is not surprising, as the Institute's Course in Marine Transportation is a unique one in that, so far as we know, it is the only college course of its kind in the world.

The purpose of the Institute's Course in Marine Transportation (XIII-C) is to provide professional training for positions on the shore staff of steamship companies and to prepare men for other activities in the marine field, as for example, port administration, marine insurance and inland water transportation.

Until rather recently, steamship companies have not been in the habit of drawing upon the technical schools for their shore personnel. However, because of the keen international competition in shipping more attention is being given to the economic and technical problems of the American Merchant Marine, and college training for men entering this field is beginning to be recognized as essential.

Because of the wide diversity of knowledge required by those engaged in shipping and foreign trade, the Institute's Course in Marine Transportation is naturally a broad one. In addition to having a basic training in science and engineering, the man who is engaged in the business of operating ships must have a knowledge of

economic geography, world ports, the handling and stowage of all sorts of cargoes, and an understanding of the labor problems in connection with seagoing personnel and longshoremen. Naturally he must also be familiar with the general design and construction of ships, their power plants and the behavior of ships at sea. A knowledge of at least one foreign language is also essential for men engaged in world wide shipping.

E.E., M.E., and Naval Subjects

The curriculum of this Course has been laid out to give the graduates a broad understanding of the problems involved in marine transportation, and to enable them to fit into the various departments of a steamship company. In addition to the engineering subjects in mechanical and electrical engineering, and the special subjects in the field of marine transportation, the schedule of studies includes a certain amount of work in naval architecture, ship construction and design. Marine Engineering is given a prominent place in the Course, as it is essential that graduates be able to determine the most suitable type of propulsion machinery for a given ship and trade route and to be familiar with its economic operation. The Course departs from many of the Institute's engineering courses by including economic geography, a foreign language and more business administration.

Today the most expensive item in the operation of cargo ships is the cost of loading and discharging of the cargo. Along with cargo handling is the need for rapid port dispatch. For these reasons a great deal of attention is given to ports and port layouts, cargo handling and stowage, and the "port speed" of ships. Classroom instruction is supplemented by frequent visits to ships in the harbor where actual cargo handling operations can be observed. As labor problems are becoming important considerations

(Continued on Page 4)

Model Railroad Club Meets on Thursday

Equipment Is Set Up In Senior House Room

The Technology Model Railroad Club is now established, with nine model locomotives, and about sixty freight and passenger cars, operating in HO gauge. A two-hundred foot track layout has been started in the basement of Crafts, Senior House.

Officers are John F. Moore, president, John Wittels, general manager; and Dick Turner, secretary-treasurer. Meetings will be held in the club room on Thursdays at 5:15 P.M.

Automatic track layers have been used to lay a test loop of track, on which several engines have already been tested. The plans include a full operating schedule soon after the beginning of next term, with many trains running simultaneously for the benefit of club members and interested spectators.

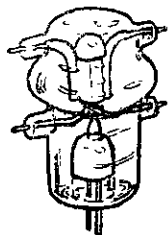
The Model Railroad Club was formed for the benefit of those model railroad enthusiasts in and around Technology who did not have the time, room, or equipment to successfully pursue their hobby. The club will offer facilities for mechanical and electrical work in its club room and adjoining shop. All equipment is owned by individual club members, with the exception of track and other immovable material which are owned by the club.

All men who are interested should come to meetings and bring whatever literature and equipment they have. Safekeeping facilities are provided.

Dramashop Tryouts To Be Held Today In 2-190

Tryouts for the Dramashop production of Dorothy L. Sayers' play, "The Busman's Honeymoon," will be held in Room 2-190 from 4:00 to 6:00 P. M. today. Co-eds are especially needed.

Everything in Radio—Electronics for amateur and industry



The RADIO SHACK

167 Washington St., Boston 8 CAP. 8522

WALTON'S CHEFS SAY:
WE SERVE TEMPTING, NUTRITIOUS MEALS FOR YOU AT EVERYDAY PRICES!

We cook our fine foods to retain their full flavor and high nutrient values. Our meals are always tempting, delicious, healthful! Eat at one of the 19 WALTON RESTAURANTS in town TODAY!

78 MASSACHUSETTS AVENUE

Course XVII Offers Close Study of Various Types Of Construction, Materials

Getting Lectures Radar At Library

On Sunday, February 16, at 3.30 P. M., "Radar," an illustrated lecture will be given by Dr. Ivan Getting, Associate Professor of Electrical Engineering, at the Boston Public Library Lecture Hall. Nuclear physics is Dr. Getting's chief research interest.

During the war years he became associated with the radiation laboratory at Technology and was division member of the National Defense Research Committee. At that time his activities were closely connected with radar and guided missiles.

His lecture, which will include a practical demonstration, will offer an opportunity for all to hear about the functions of radar and to see the type of apparatus used.

This is the second lecture in the Science series given by the Boston Public Library in cooperation with the Institute.

Demands for Changes

(Continued from Page 1)

Council put itself on record as being definitely against either of these actions. However the manner in which these suggestions were handled, and the attitude of the Council towards sports progress in general, culminated in the suggestions from various quarters that the administration of sports be completely overhauled. The most significant and far-reaching of this is for the creation of the post of an Athletic Director.

The Institute Committee took a lead in this manner with the creation of a study committee which would survey the entire field. Their as yet unpublished report gained additional significance when it was revealed that the Institute itself was working on plans to revise the sports set-up, yet was awaiting the study committee report before taking definite action. Although this report had previously been slated for release at the start of this term, it is now understood that the committee has not yet finished gathering material and that the actual report cannot be expected for some time.

E. D. ABBOTT CO. PRINTERS

For All Activity and Fraternity Events
181 Massachusetts Avenue, Boston
One Block North of Loew's State
KENmore 4051 or 3277

Basic Scientific And Engineering Subjects Stressed

Building Engineering and Construction offers the same basic work in Physics, Chemistry, Mathematics, English and History as the rest of the engineering and science courses at the Institute. During the first two years therefore the work in Building Engineering and Construction differs from that in the rest of the Institute only to the extent of one course in materials, one course in the elements of frame construction and a brief course in the history of architecture.

Basically the work is a program of study in the elements of engineering with emphasis on construction, materials, and structural design. The fundamental work in mathematics, applied mechanics, and theory of structures is based upon long established principles found to be sound in practice. Superimposed upon this is specialized work in construction, materials, and design. The work is so arranged as to provide the student first with a thorough grasp of the construction of the three major types of buildings, namely, frame construction, as exemplified by the dwelling house; semi-fire resistant construction as exemplified by unprotected steel, masonry and heavy timber; and highly fire resistant construction as exemplified by skyscrapers, and reinforced concrete construction. With this background the student is ready to undertake a fundamental study of materials. Once he understands what the materials are supposed to accomplish he is ready to study their actual properties and to determine to what extent various types of materials fulfill the requirements imposed upon them. This work is divided into three principal sections — organic materials including wood, plastics and coatings; masonry materials including cements, masonry units, lime, gypsum and other ceramic materials; and metals of all kinds including the various alloy systems, types of ferrous and non-ferrous metals, corrosion and similar problems. These courses follow the courses in building construction and form the second step in the sequence. Once an understanding of the details of construction and of the basic physical and chemical properties of materials has been established, structural design of buildings can be undertaken on a rational basis. Struc-

(Continued on Page 4)

YOUR PRESCRIPTIONS

Will Be Filled

Ethically and Economically

at the

TECH PHARMACY

86 Massachusetts Avenue
Cambridge, Mass.

FLOWERS OF QUALITY

Hoffman

Mass. at Commonwealth Ave.
Boston
KEN. 0580

DURGIN-PARK MARKET DINING ROOMS

30 NO. MARKET STREET, BOSTON
In the Shadow of Faneuil Hall

Real Yankee Cooking

Established before you were born
OPEN 10:30 A. M. to 7:30 P. M.
CLOSED SUNDAYS AND HOLIDAYS

THE RECORD SHOP

WE HAVE ONE OF THE LARGEST STOCKS OF RECORDS IN GREATER BOSTON

Opposite Tech 90 MASSACHUSETTS AVENUE

T.C.A. Inaugurates Newspaper Service

Infirmiry Patients Are Receiving Four Dailies

This term the T.C.A. is initiating a new service under the administration of Peter P. Agastron, '48, Director of the T.C.A. Information Department. Three morning and one afternoon newspapers will be delivered to the Homberg Infirmiry daily for the benefit of the students and faculty bedridden there. Small labels have been printed, to be delivered with each paper, reading: "Courtesy of the T.C.A.—If there is any other service that we can render you, please call Ext. 885."

To aid the incoming freshmen in M-11, the T.C.A. is publishing its supplementary set of notes for the fourth term. The first chapter of these notes is available in the T.C.A. office. The set of notes is based on common difficulties observed during tutoring classes held for veterans during the Fall term of '45 and '46.

The used book service requests that second term freshmen bring in their "Principles of Chemistry" by Hildebrand as there is a large demand for that book by the incoming freshman class. Other books for which there is a large demand are "Effective Reading" by Rosenthal, "Reference Book in Inorganic Chemistry" by Latimer and Hildebrand, and the Harbrace Handbooks of English.

If It's Recorded—We May Have It STUDENTS . . . ATTENTION!
25,000 Hard-to-Get Records
Collectors' Items—Hot Jazz—Populairs
All Your Favorite Artists and Bands
Come in and browse . . .
Open All Day Saturdays and Daily
Sheldon's Record Center
19 LA GRANGE STREET
Boston, Mass.
(One Minute from Boylston and Essex Sts.)
In downtown Boston

1/2 Price Sacrifice New Furniture Floor Samples

Chests \$6, End Tables \$3, Platform Rockers \$18, Desks, unf. \$10, Bridge Lamps \$7, Kitchen Sets \$25, Occ. Lounge Chairs \$15, Odd Wooden Chairs \$2, Linoleums, Rugs \$4 up, Bed Outfits \$19, Mattresses \$12, Cribs \$10, Carriages \$15—many other household needs.

Pay & Take Furniture Co.
1957 Mass. Ave. (Porter Sq. Station)
No. Cambridge, Tel. TR. 3685.
Open Nights, Thurs.-Sat.

THE BOSTON MUSIC COMPANY

If it's published
we have it
If it's recorded
we have it

116-122 BOYLSTON STREET
Near Colonial Theatre
Telephone Order Department
HANcock 5100

Building and Construction

(Continued from Page 3)

tural design follows a grounding in applied mechanics and the theory of structures. Problems deal with the principal types of buildings and the principal engineering materials employed in their construction.

Because of the diversity of types of construction and because of the different problems associated with them, the course in Building Engineering and Construction has been divided into two options, Light Construction and Heavy Construction. Both have the same basic work during the first two years and begin to be differentiated only in the third year. In the Light Construction Option emphasis is placed upon the advanced techniques of building small buildings such as dwelling houses, with particular emphasis upon shop procedures, modular design, the effect of building codes and other legal restrictions upon this type of construction, and the problems associated with mass production of buildings in this field. The Light Construction Option furthermore emphasizes the business side of construction, including the business organization and management involved in mass produc-

(Continued on Page 6)

Marine Transportation

(Continued from Page 3)

in ship operation, the students are urged to elect a course in labor relations in their junior year.

Probably more graduates of the Course at the present time are engaged in the economic and business aspects of ship operation than the purely engineering phases. However, a basic technical education is as essential for such men as for those in the purely engineering branches of a company.

Today it is generally considered essential before a man takes his place on the shore staff of a steamship company that he spend some time at sea. Hence an outstanding feature of this five year course is that the students are required to spend their fourth year at sea on a merchant ship. This is made possible by the cooperation of a number of American steamship companies. The year on shipboard gives the students an opportunity to understand some of the problems of sea-going personnel and long-shore labor, to observe the behavior of ships at sea, to become familiar with their power plants, and to acquire first-hand information about world ports, world trade and the handling and stowage of ships' cargoes.

A map located on the second

floor of Building 5 shows the various ports which have been visited by the students during this required year at sea. This year at sea was not made a requirement until 1938, and was suspended during the recent war. However, in the few years it has been in operation many of the important world ports have been visited by students.

Although this course of study requires five years, when the student graduates he has already acquired a year of practical experience so essential to success in many fields of engineering.

Graduates of Course XIII-C have held positions in various departments of the steamship companies listed below. All of these companies however, do not have graduates in their employ at the present time, as many of the men left their positions during 1942 and 1943 to enter the armed services, and some joined other organizations upon their return from the war. Among the companies which have employed or are now employing graduates are:

Moore-McCormack Lines,

United Fruit Co., National Bulk Carriers, Lake Tankers Corp., Allied Oil Co., Standard Oil Co. of New Jersey, American South African Line, Largo Oil and Transport Co. (Aruba N.W.I.), Luckenbach Steamship Co., American Hawaiian Steamship Co., American Export Lines, Pittsburg Steamship Co., Lykes Bros. Steamship Co., Sea Train Lines, Boland and Cornelius, Kinsman Transit Co., American President Lines, Grace Line, American Mail Line, Isthmian Steamship Co., Alcoa Steamship Co., Atlantic, Gulf and West Indies Lines, Marine Transport Lines, Tankers Co., Mystic Steamship Co., U. S. Lines, Seas Shipping Co., Weyerhaeuser Steamship Co., Northern Pan-American Line (Norwegian).

The course in Marine Transportation serves not only to train men for positions in the field of Marine Transportation, but provides an excellent background for posts in associated activities, including various government departments, marine insurance and preliminary training for admiralty law.

KIRKland 4400 PORTER SQ. CHEVROLET CO.

— Authorized Sales & Service —

- Repairs on All Makes
- Wheel Alignment
- Dents Removed
- Road Service
- Cars Painted
- Motors Washed

Payments May Be Conveniently Budgeted

2055 Mass. Ave. — Cambridge — 5 blocks beyond Sears Roebuck Co.

M. I. T. DINING HALLS

Walker Memorial

★ ★

The University Dining Hall

Known Throughout New England

SERVICE TO THE STUDENT BODY

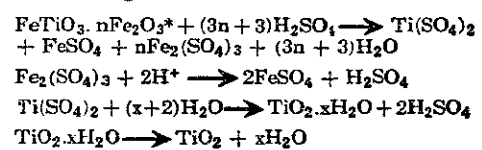
Du Pont Digest

Items of Interest to Students of Chemistry, Engineering, Physics, and Biology

The "Whitest of White" Pigments from Black Ore

It is a strange fact that the ninth most prevalent element in the earth's crust should have been regarded as "rare" for over a hundred years after its discovery in 1791. But that is the story of titanium, actually more abundant than zinc, copper, lead, tin, and nickel combined. One of the factors that have kept titanium from being better known is the difficulty of handling some of its compounds commercially.

If, as a student, you were to look up the equations for the manufacture of titanium oxide pigment, you might find something like this:

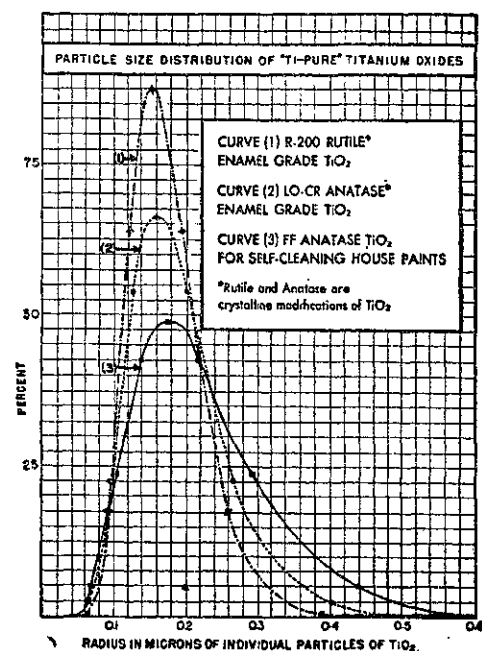


*—The exact composition of ilmenite varies with the source of the ore.

From these equations, the manufacture of the "whitest of white" pigments from black ilmenite ore appears to be chemically simple and straightforward. However, the processing required to obtain industrial titanium oxide of sufficient brightness, hiding power and fineness is more complicated than one would anticipate.

Controlling a Metastable System

The final product must have a particle size averaging 0.2 microns in radius and varying between 0.1 and 0.5 microns.



More facts about Du Pont—Listen to "Cavalcade of America," Mondays, 8 P.M. EST, on NBC

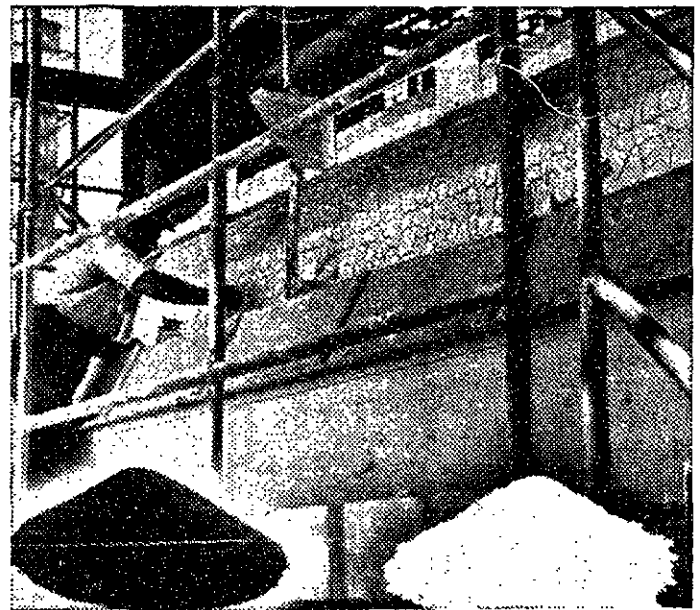
To attain this end in a metastable system that is ready to go in the wrong direction at any time requires exceedingly rigid control conditions throughout.

The essential steps in the operation are: 1) The careful solubilization of ilmenite in concentrated sulfuric acid to avoid hydrolysis. 2) The complete reduction of any ferric iron to facilitate purification of the solution, with removal of any unconverted residue and colloidal slimes. 3) Crystallization of 70

per cent of the iron as $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ —a critical operation in which temperature must be kept low and wild seed crystals avoided. 4) Hydrolysis around 105-109° C.—the most important step of all—because the initial particle size and pigment properties of the final product depend on concentration, temperature, time of hydrolysis, intensity of stirring, and presence of foreign materials. In this operation it is not unusual to talk in terms of parts per million, rather than the usual analytical accuracy of 0.01-0.02 per cent. 5) Varying salt treatment of the precipitate, depending on the impurities. 6) Calcination between 900-1000° C. to obtain the desired particle size. 7) Grinding to give the proper aggregate size. 8) Treatment of the dried pigment in various ways depending on end use; e.g., in the automotive, rubber, ceramics, paper, linoleum, printing, or other fields.

Wide Diversity of Research Problems

Long and patient research was necessary to develop the manufacturing techniques now used. Some of the problems demanded technical skill of the highest order from the colloid chemist, the physical chemist, the analyst, the crystallographer, the physicist, and other specially trained men. A wide variety of instruments, such as the petrographic microscope, the electron microscope, x-ray diffraction unit, ultra-centrifuge, and spectrophotometer were used in



Ilmenite (left). Titanium Dioxide (right). Apparatus in the background is a rotary filter.

this work. Finally the metallurgist, the chemical engineer, the mechanical engineer, and the industrial engineer had to design equipment to handle this extremely corrosive system economically. The manufacture of titanium pigments is another example of the problems that constantly challenge chemists, engineers and other specialists.

For the Answers to Questions College Men ask about working with Du Pont

Write for your copy of

"THE DU PONT COMPANY AND THE COLLEGE GRADUATE"

2521 Nemours Building
Wilmington 98, Delaware



BETTER THINGS FOR BETTER LIVING . . . THROUGH CHEMISTRY

E. I. DU PONT DE NEMOURS & CO. (INC.)
WILMINGTON 98, DELAWARE

The Beaver Barks

by Dave Israel

In what would seem to be the usual procedure, the Alumni Advisory Council on Athletics discussed the matter of insurance for Institute athletes at its meeting on Tuesday, however no definite action or plan of action was taken by the Council.

The matter of insurance to cover injuries incurred in intra- and intermural sports came to the forefront due to an injury to a student 2 terms ago. Because it seemed unfair that a student should pay the entire bill for such an injury, a proposal for insurance reached the Advisory Council.

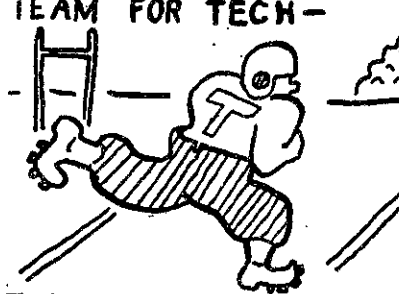
At a previous meeting, Mr. Jope announced that as a result of inquiries which he had made among most of the New England colleges, he believed that the only school that had an over-all insurance plan was Trinity College. At Trinity, it is a scholastic requirement that each student carry insurance at the cost of \$12 per year. It was also revealed that Trinity had no infirmary or hospital facilities, as do most other schools.

Mr. Jope also revealed that preliminary investigation among insurance firms revealed that the cost of an insurance policy to cover all the students would cost anywhere from \$5 to \$10 per head. These policies, to cover all claims up to \$500, would refer to any type of student injury, not only that due

WOT, NO TECHDOWN?

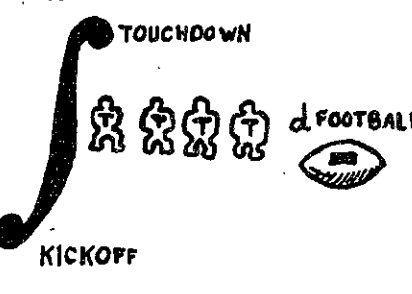
BY DAVE GROSSMAN

WE'RE IN FAVOR OF THE PROPOSED FOOTBALL TEAM FOR TECH -



TECHMEN WOULD BE ADEPT AT THE T (FOR TORQUE) FORMATION. THEY KNOW T=I∞.

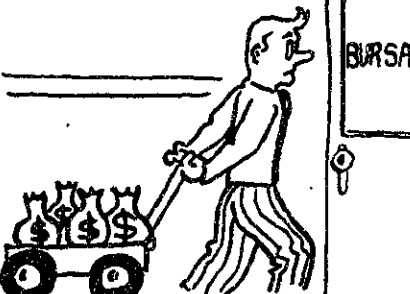
BEFORE EACH GAME OUR COACH -



TOUCHDOWN
KICKOFF
FOOTBALL

COULD INTEGRATE THE TEAM INTO A CO-ORDINATED UNIT.

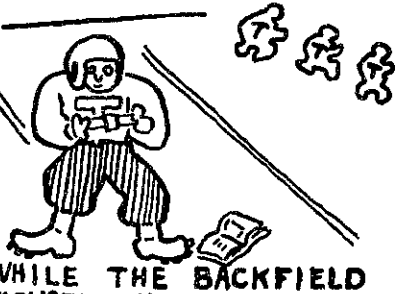
TUITION WOULD BE INCREASED -



BURSAR

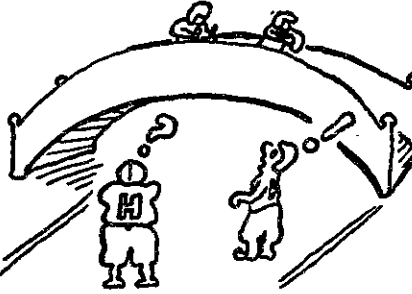
... TO COMPENSATE FOR THE ADDED GLORY AND TO PROVIDE FOR A FEW "ATHLETIC" SCHOLARSHIPS.

IN THE HARVARD-TECH CLASSIC OUR LINE WOULD HOLD FAST -



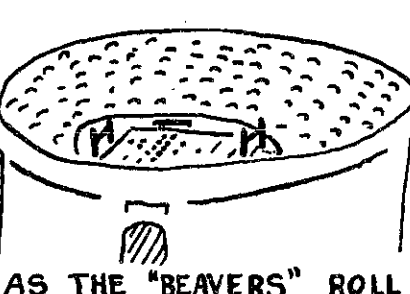
WHILE THE BACKFIELD FIGURED THE PROBABILITY OF WINNING.

WE'D NEVER LOSE ...



OUR ENGINEERS WOULD BUILD A BRIDGE TO VICTORY.

CAN'T YOU SEE YOURSELF ON THE FIFTY-YARD LINE OF BRIGGS BOWL?



AS THE "BEAVERS" ROLL ROUGH-CLAD OVER A HAPLESS CALTECH ELEVEN.

Trackmen Take Mile Relay Win At B.A.A. Games

Compete At New York Tomorrow Evening; Frosh Show Progress

By GUY BELL

Turning in one of the fastest times of the meet, the Technology one-mile relay team captured a first place against Williams and Tufts in the 58th Annual B.A.A. Games at the Boston Garden last Saturday.

Although Williams, winner of all its mile competitions of the season, and Tufts sported fast relay teams, the Engineer quartet unleashed a potent kick to triumph in 3:31.0 minutes. Bob Baldwin, leading off for Tech, put the team in a good position for Jim Prigoff to hold his place until Harold Ingraham got the baton. Ingraham, passing to the lead at the first corner, opened up to give anchorman Doug Vitagliano a 15-yard lead. Vitagliano maintained the margin to break the tape for an upset victory. Williams finished behind Tufts in third place.

Tomorrow the relay contingent will journey to New York to compete in the New York A. C. Games at Madison Square Garden.

A two-mile relay team and freshman one-mile relay team also ran under the Crimson and Grey banner at the B.A.A. Games. Navigating through the runners from nine schools, the Engineer two-mile team placed fourth, missing by inches a chance to nose out Boston College for third place. Rhode Island won with Tufts in second place. Running for Technology was Noss, Kirchner, Speare, and Henze.

Handicapped by insufficient work-out, the frosh relay team failed to place in competition with Rhode Island, Harvard, and Brown. The frosh trackmen—Bud Simpson, Duncan Hunt, Paul Lobo and Jim McMartin—did show promise, however, according to Coach Oscar Hedlund.

Running a mile-relay team over the boards of Madison Square Garden in the annual Millrose Games on February 1, Technology copped a second place, 20 yards behind the winning University of Pennsylvania quartet. Ingraham sped through his quarter in 52.2 seconds to cut down the Tufts and Penn lead, as Vitagliano maintained the same pace to edge out Tufts by two yards.

to sports. Track Coach Oscar Hedlund, who does work himself in the insurance field, told of several alternate plans which would cover certain members of teams for certain games.

Dr. Farnsworth, of the Homberg Infirmary, was present at this month's meeting of the Advisory Council and gave the Council members a graphic account of the Infirmary and its position in regard to the insurance situation. Dr. Farnsworth described the wide cover in the field of medicine which the Infirmary is capable of giving. In addition to having specialists in various branches of medicine and surgery on the staff, the infirmary can give almost complete medical care at the fee of only \$1 per day—the only exception being the cases where consultants must be called in to treat certain cases of surgery. Dr. Farnsworth said that the Medical Department, if given the \$5-\$10 per person which would be allotted to the insurance policies (between

\$25,000 and \$50,000 total) could provide, at no expense to the student body, all medical care in both athletic and non-athletic cases.

Upon further discussion, it was suggested that the student tax, taken from the tuition fee, be raised proportionately to the increase in tuition. This extra 40c. in lieu of the \$5 to \$10 per person, could be used to provide a fund to cover the medical costs of accidents. Dr. Farnsworth was reluctant to commit himself on whether this smaller amount would be sufficient for the cost.

The matter was dropped at that—with no plans for future action.

Hoopsters Journey To Meet Bates; Brown Here Wed.

Tomorrow the Tech basketball squad will journey up to Lewiston, Maine, to clash with Bates in the first encounter of the new term. Tech ranks above the Bobcats, according to standings as far as points scored against opponents would indicate; however teams do not always play by statistics and Bates promises any team a measure of trouble with their high scoring forward Joyce, who has unleashed as many as 45 points in one game. Coach McCarthy states that the Bobcats "will know they have played a game" after the encounter tomorrow. On the evening of February 19 Brown will invade Walker Gym to attempt to duplicate their previous victory of 62 to 49 at the Providence court.

So far the Beavers have maintained a record of five wins against three losses to Trinity, Brown and Harvard. Looking over the scoring of the team in the past eight games, it is discovered Roy Haddox was averaged 13 points a game. Recently elected captain of this term's squad, Roy specializes in one hand push shots from almost any position on the floor, and has reached 26 markers in one single game.

A. A. NEWS

The election meeting of the A. A. will be held on Tuesday, February 25, 1947, at 7:30 P. M. in Faculty Lounge.

It has been announced by Coach Smith that contrary to rumors, there are more than forty lockers available for students in the locker room at Alumni Pool.

THE GRILL DINER

435 MAIN ST.

TRY OUR "NEW SUPPER SPECIALS"

Our homecooked food cannot be beaten in price or quality.

Our homebaked pastry will even rival your own mother's.

For better food and better values, eat at the Grill Diner.

Meal tickets for Tech students.

Open 24 Hours a Day

KIRKLAND 6650 UNIVERSITY STATIONERY CO.

Stationers and Printers

311 Massachusetts Ave., Cambridge, Mass.

CLASSIFIED AD

Will the party who found the pocket-book in Cambridge, December 26, please communicate. G. E. Pruden 55 Kilby St., Boston, L.I.B. 2556.



Newest Smartest Supper Room in Boston

darbury room

271 Dartmouth Street
off Copley Square

The blade with the MONEY-BACK GUARANTEE!



3 MONTHS SHAVING 25¢

GUARANTEED BY THE MARLIN FIREARMS COMPANY
Five Guns Since 1870

PAY LESS ..

LEARN DANCING BY

INDIVIDUAL INSTRUCTION

Take advantage of our

2 for 1 Offer

(Two people for the price of ONE)

Only a few lessons and you will easily dance the Waltz—Fox Trot—Rhumba—Lindy—Tango and Samba.

OPEN 10 A.M. to 10 P.M.

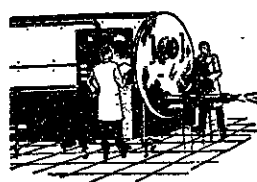
Call Today for FREE Dance Analysis

SHIRLEY HAYES DANCE STUDIO

330 Massachusetts Ave., Boston

Near Symphony Hall

Tel. COM. 0520



WHI-SH-SH-SH-SH!!
"It's Moisturized"
TO TASTE BETTER!
TO STAY FRESH LONGER!
TO SMOKE MILDER!



Gene Tierney

starring in "THE RAZOR'S EDGE" Says: "I've switched to the new RALEIGH '903'"

Medical Science offers PROOF POSITIVE

No other leading cigarette gives you Less Nicotine Less Throat Irritants



New! ALL NEW! Raleigh "903"

New Blend! New Taste! New Freshness!

Made by the revolutionary new "903" moisturizing process. Beneficial moisture penetrates every tobacco leaf—gives you a smoother, milder, better smoke! Get new Raleigh "903" Cigarettes today.

Dr. Wiener To Talk On Moral Issues

Will Lecture To Hillel On Scientific Morality

Professor Norbert J. Wiener, who made news of nationwide interest last month by withholding vital information destined for war use will present a lecture this afternoon on the "Lag Between Sociological and Scientific Developments." The lecture, under the auspices of the Hillel Foundation, will take place in Eastman Hall, Room 6-120, at 5.05 P. M.

The furor that may well be known in the future as "Wiener's Rebellion" resulted when he cancelled a scheduled address before a symposium on calculating machinery that took place at Harvard University, January 8, 1947. He felt that the information he was expected to divulge at that time might "do damage in the hands of irresponsible militarists". This action was in support of a letter written by him and published in the Atlantic Monthly magazine entitled "A Scientist Rebels." In the talk open to all Technology this afternoon he will raise further the issue of moral responsibility for the application of scientific discoveries to the "bombing and poisoning of defenseless people."

Also on the list of activities of the Hillel Society are a series of discussions and a symposium, to which all students are cordially invited. The first of the series of six discussions on the religious aspects of Judaism will be held in Tyler Lounge of Walker Memorial at 5.00 P. M., Tuesday, February 18. The symposium to be presented by three students on "What Does Zionism Mean To Me?" will be held in the Tyler Lounge at 5.00 P. M., Wednesday, February 19.

Building and Construction

(Continued from Page 4)

tion techniques. The Heavy Construction Option on the other hand takes up the engineering design and construction details of large and heavy buildings emphasizing the structural analysis of buildings of this nature, structural details, and the methods of erection. Both options carry the same work in materials.

Graduate work leads to a Master's Degree in Building Engineering and Construction. Courses of study may lead in two principal directions, structural design or materials, although the two fields may be combined. There is also opportunity for graduate work, particularly in the fields of construction management and superintendence. For the work in materials, laboratory facilities for research in cementitious and similar materials and in organic materials, particularly plastics is being built

up and expanded. The advanced structural design offers an opportunity to become acquainted with the techniques in the analysis and design of complex structures.

Graduates of this course have found employment in highly diversified fields. The majority have gone into construction or some closely related fields, many as principals in construction firms of their own. Others have gone into other fields, particularly research in and manufacture of materials of construction and engineering design

of buildings of all types. A number are in government service, either in government research laboratories or with the armed forces, particularly in the engineering branches. By no means are all in construction and related fields. Like graduates of other departments, graduates of Building Engineering and Construction have gone into fields only more or less remotely connected with construction. Their basic engineering training gave them an excellent foundation for their chosen work.

TRIPLE SMOKING PLEASURE

NAT HOLMAN FOR 28 YEARS BASKETBALL COACH OF CITY COLLEGE OF NEW YORK.

A ALWAYS Milder

B BETTER TASTING

C COOLER SMOKING

VOTED TOPS

Sure thing, Nat

CHESTERFIELD IS THE LARGEST SELLING CIGARETTE IN AMERICA'S COLLEGES BY NATION-WIDE SURVEY.

ALWAYS BUY CHESTERFIELD

ALL OVER AMERICA - CHESTERFIELD IS TOPS!

The First Church of Christ, Scientist

Falmouth, Norway and St. Paul Sts. Boston, Massachusetts

Sunday Services 10:45 a.m. and 7:30 p.m.; Sunday School 10:45 a.m.; Wednesday evening meetings at 7:30, which include testimonies of Christian Science healing.

Reading Rooms—Free to the Public, 8 Milk St.; 84 Boylston St., Little Building, Street Floor; 1316 Beacon Street, Coolidge Corner. Authorized and approved literature on Christian Science may be read or obtained.



YOUR BANK

KENDALL SQUARE OFFICE

HARVARD TRUST COMPANY

MEMBER
FEDERAL RESERVE SYSTEM
FEDERAL DEPOSIT INSURANCE CORPORATION

Enjoy Your Evenings

at the

Cafe De Paris

MASS. AVE., BOSTON



Modern Bar

Adjoining Restaurant

Collegiate Digest

Volume 12, Issue 7



During dedication rites at Sampson college, Geneva, N. Y., Gov. Thomas Dewey paints his autograph on the hood of "the Mugwump," auto owned by John D. Field. Field is shown hiding behind the pipe. The paint was intended for "long life."
Acme Photo



Brotherly advice is given by Dr. Everett Case (left), president of Colgate university, to James H. Case, Jr., who was inaugurated as president of Washington and Jefferson college the day before his fortieth birthday. They are the sons of J. Herbert Case, former chairman of the Federal Reserve Bank of New York.
Acme Photo



Snow Week

Useful and practical too are these ski suits being tested by University of Minnesota coeds in a Snow Week preview. The event is being held this month for the first time since the war. Activities include snow-shoeing, sledding and snow modeling.

The picture was taken at the Theodore Wirth chalet in Minneapolis. From left to right are Ann Williams, Donna Eide and Arlene Anderson, Miss Minnesota of 1945.
Photo by Doyne



Sam Talkoff, No. 31, of Long Island university, leaps in the air in a vain effort to tip the ball into the basket during the second half of the game with Texas. Texas' Dan Wagner is shown as he dropped under Talkoff. The visitors won, 47-46, at Madison Square Garden.
Acme Photo

PERSONALITIES



Riding a bicycle is only one of the many sports accomplishments of Madeline Burgett, Alfred university student who was stricken with polio in 1934. After nine operations she now attends class regularly and swims, dances and hikes. She is a laboratory technology student.



Although blind since birth, John E. Chiles carries on a full program at Hendrix college, Conway, Ark. He plays piano by Braille, is an avid sports fan, an honor student and campus leader.



Joseph Weisberger, Brown university senior, looked like an ad for a lifetime pen when he portrayed the role of Shylock in the "Merchant of Venice." Sock and Buskin, undergraduate dramatic group, is presenting a series of Shakespearian plays to sell-out audiences.



Canadian National RR Photo

Awarded a Lord and Lady Henry fellowship at Cambridge in 1943, J. K. Tabor just got around to enter school after a three-year hitch in the U. S. Navy. A Yale grad, he was awarded the scholarship by the combined faculties of Harvard and Yale.



When news photos failed to materialize at a Bethany college, West Virginia, party, photographer Erwin S. Koval set his camera and then ran up the stairs to get into this picture with his date, Agnes O'Masta. It was some run as the streamers go from the third to the ground-floor.



Cutting a round steak is all part of a day's study. Ralph Otto Williams, animal husbandry senior, Clemson college, South Carolina. Williams recently won a nine-day trip through one of the nation's leading packing companies.



Clothing shortages were dramatized during initiation at State college, Cape Girardeau, Mo. The copy attached to the picture failed to state where he could have gone, but opinion is that it would not be far in that outfit.



Shades of WPA were seen on the Florida Southern college campus when school dignitaries broke ground for its \$125,000 administration building designed by Frank Lloyd Wright. Leaning on the shovels are James V. Harvester, student body president; Dr. J. C. Peel, dean of the college; the Rev. O. A. Murphy, Methodist representative; Harris G. Sims, secretary-treasurer of board of trustees, and Dr. W. G. Fletcher, alumnus. The steam shovel had not come to the rescue, the excavation would still have a long way to go.



This Great Seal, 150 years old, has stamped a message of brotherhood under the laws of wisdom on more than 250,000 official documents of Union college, Schenectady, N. Y. Lillian Appleforth, secretary to the president, is shown operating the seal. She is holding an enlarged reproduction.



Students at Ohio university show surprise and regret at finding that their student newspaper will not come out as scheduled. The staff resigned because policies of the Campus Affairs committee were not in accord with theirs.

They Travelled 39,600 Miles



Altogether these six foreign students at Columbia university came a total of 39,600 miles from their native countries to attend school. They are (seated, from left to right): Miss Aroti Bose, from Calcutta, India, a student in Graduate Faculties; Miss Anne Seilierre, of Paris, France, a senior undergraduate; and Miss Chuan Chen Dong, Shanghai, China, an engineering student. Standing: Vilhelm Aubert, Oslo, Norway; Martin S. Allwood, Mullsjo, Sweden, and Athanasios Tsaldaris, Athens, Greece.



DAVID vs. GOLIATH ON ICE!

WATCH WHAT HAPPENS WHEN ICE-BOATING CHAMPION ART SIEBKE MATCHES HIS TINY SKEETER CLASS YACHT AGAINST ONE OF THE GIANTS OF THE SPORT.



IT'S A LONG SHOT—BUT IT'S THE ONLY WAY I'LL EVER CATCH HIM—HERE GOES!

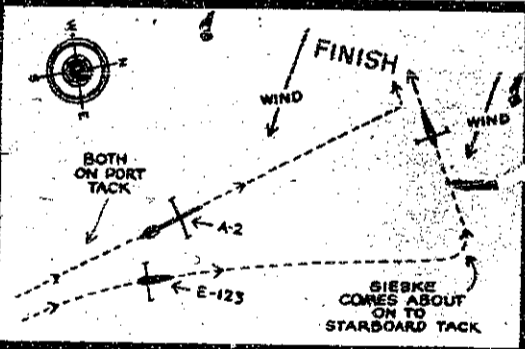
ON THE LAST LEG OF LAST LAP, CHAMPION SIEBKE (E-123) IS TRAPPED IN THE "WIND SHADOW" OF HIS OPPONENT'S LARGER SAIL...



THOSE BIG CLASS YACHTS CAN DO 'WAY OVER 100/ LOOK—WHY IS SIEBKE BEARING OFF LIKE THAT?

HM-M—OH, I GET IT. A BEAUTIFUL MANEUVER, IF HE CAN MAKE IT!

BECAUSE ICE-BOATS PICK UP SPEED TREMENDOUSLY AS THEY ARE POINTED FARTHER FROM THE DIRECTION OF WIND, SIEBKE BEARS OFF SHARPLY TO STARBOARD, GAMBLING ON HIS ABILITY TO TRAVEL THE LONGER ZIGZAG COURSE IN FASTER TIME THAN OPPONENT CAN COVER THE DIRECT COURSE—BUT THAT'S NOT ALL OF THE MANEUVER...

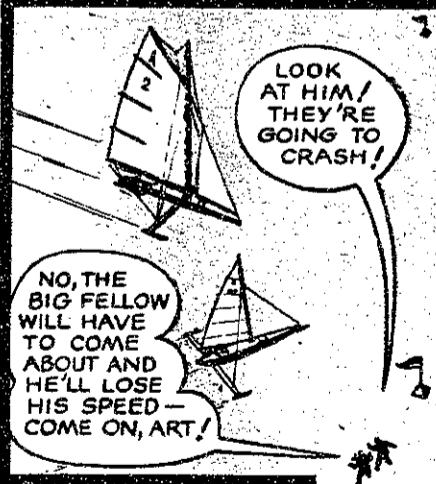


R. J. Reynolds Tobacco Company, Winston-Salem, North Carolina

QUARTER MILE OUT FROM THE DIRECT COURSE, THE CHAMPION COMES ABOUT ON A STARBOARD TACK AND RACES ON TO CUT OFF HIS OPPONENT*



IF I CAN JUST GET THERE—I CAN FORCE HIM ABOUT!



LOOK AT HIM! THEY'RE GOING TO CRASH!

NO, THE BIG FELLOW WILL HAVE TO COME ABOUT AND HE'LL LOSE HIS SPEED—COME ON, ART!

*RACING RULES PROVIDE THAT YACHT ON PORT TACK MUST GIVE WAY TO YACHT CROSSING COURSE ON STARBOARD TACK



HE DID IT! HE MADE HIM COME ABOUT!

THERE'S YOUR FINISH—AND ART SIEBKE IS THE WINNER!



TAKES A LOT OF EXPERIENCE TO BRING OFF A MANEUVER LIKE THAT, ART

YES, EXPERIENCE IS THE BEST TEACHER—IN ICE-BOATING AND EVEN IN CIGARETTES! I LEARNED FROM EXPERIENCE THAT CAMELS SUIT ME BEST

CAMELS ALWAYS HIT THE SPOT WITH ME

"In ice-boating," says Champion Siebke. "I've had years of experience. My experience with different cigarettes came during the wartime shortage when I couldn't always get Camels and had to smoke different brands. That's when I learned how much I appreciated Camels!"



EXPERIENCE TAUGHT ME THE BIG DIFFERENCE IN CIGARETTE QUALITY. I LEARNED THAT CAMELS SUIT MY 'T-ZONE' TO A 'T'

J. Arthur Siebke OPEN CHAMPION EASTERN ICE YACHTING ASSOCIATION



Camels

YOUR "T-ZONE" WILL TELL YOU

T for Taste... T for Throat... that's your proving ground for any cigarette. See if Camels don't suit your "T-Zone" to a "T."



She Goes Up . . .



. . . Or She Comes Out Here

Going to and from work has its ups and downs for Mrs. Shirley Blackwood, secretary to C. E. Bilheimer, athletic director at Gettysburg college. She must use a ladder to go to her office in the morning in order not to cut through the men's quarters in the gymnasium. Government housing units were planned to alleviate the housing shortage, but to date they have not been completed. More than 200 students are living in the gym.



In 1815, Timothy Alden journeyed to Meadville, Pa. by flatboat and founded Allegheny college. Today, freshman John Alden Page, a fifth-generation descendant of the founder, finds himself right at home as he checks the family portrait.



Student-teacher coffee hours are a usual part of campus life, but it takes on an unusual angle at Ohio Wesleyan when student John Aker and instructor Olton get together. He knew her 17 years ago when they met on their first day of school in Canton. Conversation always gets around to old times.



Photo by Will

Catch as Catch Can

All wrapped up in the Michigan-Western Michigan basketball game are Steinke, Western center, and Pete Elliott, Michigan captain. Every minute was packed with thrills as the teams tied six times, five in the last half. Western was victorious on her home court, 65-61.



Wittenberg college's honorary Alma Mater is just another customer for Dick Mozier, as he works his way through school as a service station attendant. But after work, it's a different matter for the attractive student leader is none other than Mrs. Mozier. Photo by Willson



If you're on the spot with your camera when news breaks, send your pictures to Collegiate Digest, 18 Journalism Building, University of Minnesota, Minneapolis 14.

You will receive \$3.00 for each picture used. Send glossy prints. Don't forget to include postage if you want your picture returned.

Collegiate Digest
Section

Publication Office: 18 Journalism Building, University of Minnesota, Minneapolis 14, Minnesota

Advertising Representative: NATIONAL ADVERTISING SERVICE INC. 420 Madison Avenue, New York