

Communications Techniques Discussed At Special Meeting Of JudComm Last Friday

by David C. Kleinman '56

At an open meeting held last Friday afternoon in the Faculty Lounge of Walker Memorial possible ways were discussed of improving communications between Institute Committee Judicial Committee and the student body. Thomas J. Henderson '54, Incomm Judcomm chairman, presided over the meeting at which Sheldon L. Dick '54, Editor, represented *The Tech*, and Eldon H. Reiley '55, News Director, represented WMIT. The main discussion concerned the role of *The Tech* and WMIT in reporting Judcomm activities.

Henderson stated at the outset that one of the objectives of the meeting should be the formulation of a provision for the Judcomm by-laws concerning methods of publicity about Judcomm cases. To implement this, he asked for suggestions from those present, particularly Dick and Reiley.

Reach Agreement

After the preliminary statements, general accord was reached on future procedure. Judcomm was asked to notify the publicity media when there is a case pending. In general, this will be a notice of an open meeting at which the facts will be presented. In a few exceptional cases, the notification will mean that Judcomm has started to call witnesses before closed sessions. Closed sessions will be held only when they are necessary for efficient investigation, and these cases will have a final open hearing to re-establish facts publicly by having witnesses present previous testimony. Finally, in all cases, a closed meeting will be held for deliberation, after which the decision will be publicly announced.

Allow Outside Questions

The problem of questions by outsiders was also discussed at length. It was finally decided that questions from the floor will be permitted only at the open hearing. All questions will be addressed to the chair and will be limited to problems of procedure or clarification. It was felt that this will preserve the committee from unfair harriving.

After further discussion, it was generally agreed that cases may arise rarely where there should be no publicity. These cases are extreme, involving serious morals difficulties, or possibly requiring psychological treatment of certain people involved. Since these cases come up rarely it was felt that they create no real problem of procedure.

Students Offered European Tours By NSA Bureau

Educational Travel, Inc., is an organization run by the National Student Association to make summer travel in Europe more enjoyable and inexpensive for American college students. N.S.A. plans student tours covering from three to six countries, costing from \$400 to \$800 for trips lasting from 14 to 70 days.

There are also special art tours and several travel study programs, and, for those who wish to minimize expenses, work camp projects under which students can work at camps in as many as three different countries in the course of a summer.

To help cut the high cost of transportation to and from Europe, there are specially chartered planes and ships, which also offer the advantage of fellowship with students from all parts of the country.

Additional information on these tours may be obtained from the N.S.A. office, Room 010 in Walker Memorial. Anyone interested in these trips is urged to contact the N.S.A. as early as possible, since reservations are limited and the tours are usually in great demand.

I.F.C. Petitioned By Student House For Recognition

Bartholomew Puma '54, President of the M.I.T. Student House, spoke at the Interfraternity Conference meeting last Thursday and expressed a desire for representation for Student House in some form of student government. He indicated preference for the I.F.C.

The thirty undergraduate students who live cooperatively at 111 Bay State Road, are in an odd position as a living group according to Puma. The group desires representation in the I.F.C. since they feel they resemble a fraternity more than anything else. The major difference between Student House and fraternities lies in the manner in which they choose students. In the past, freshman candidates for the House have been chosen by Dean Pitre. All other applications for residence go directly to its president. However, Dean Pitre no longer picks first year applicants.

A motion to make student house a special non-voting member was tabled until more definite information as to their aims and desires was secured. If the group does enter the I.F.C., it

(Continued on page 3)

Beaver Wrestlers Nipped By Coast Guard, 13 - 10

In a match that was in doubt until the very finish, the Beaver wrestlers dropped their opening match of the season to Coast Guard, 13-10, before a crowd of close to a hundred, in Rockwell Cage on Saturday afternoon. Prior to the varsity match, the frosh lost a 20-9 decision to the Coast Guard yearlings.

David Nasitir '55 and Richard Dangel '55, the 123 and 130-pound wrestlers, respectively, were unable to pick up any points against strong opposition. Nasitir faced one of the Middle's most promising sophomores, Moorhead, and lost a 10-4 decision. Dangel lost to Kozlovsky, 5-2, in a match in which there were no take-downs.

After falling behind 6-0 at the start, the Beavers began to pick up. Captain John Kennaday '55 was nearly pinned by McDaniel in the first period but fought back from this early deficit to win a decision, and put the Techmen in the win column.

Hirschi, Lawson Excel

The surprise of the match came in the 147 pound class, where John Hirschi '56 defeated the Coast Guard captain, Reif, who placed second in the New England's last year. Hirschi gave an excellent performance and led Reif throughout the match. Walt Lawson '56, at 157, looked fast and aggressive as he whipped his man to launch Tech into an 8-6 lead.

Paul Federbush '55, came through in fine fashion in his match in a Tech uniform to give the Engineers their final victory of the day. Harold Becker '56, also looked good and aggressive,

Beaver Touch Footballers Bow To Strong Tufts Stars, 12 - 6 In Exciting Overtime Struggle



The Tech photo by Gallagher.

Bresee (37), Klapmeier (33), and Murray (25) closing in on Brooks of Tufts.

Fraternity Leaders Reject Establishment Of New House

A motion to allow a group of nine students from Burton House to reestablish at the Institute a chapter of Tau Epsilon Phi was defeated by the Interfraternity Conference at their meeting at the Hotel Continental last Thursday. The secretary of Tau

Epsilon Phi, a national Jewish fraternity, spoke at the meeting in support of the group.

Tau Epsilon Phi had a chapter at the Institute from 1919 until 1924, when the house was forced to merge with the Harvard chapter of the fraternity due to extremely low active

membership. When the Harvard fraternities were driven off campus in 1929, the Institute chapter of T.E.P. was forced to declare itself dormant.

Tau Epsilon Phi is willing to support the new chapter financially to place it on firm ground until such time when it might become self sustaining. A section of the I.F.C. constitution, however, states that any fraternity which remains inactive for a period of five years or more automatically assumes the status of a new group desiring entry to the I.F.C. and must go through a three year probationary period as a club.

During this period, the club may not receive any financial help from a national fraternity, although the alumni of any fraternity might take it upon themselves to support the

(Continued on page 3)

Institute Praised In Digest Article; "Arcturus IV" Cited

"The Massachusetts Institute of Technology, by inspiring constructive imagination in its students, has helped to solve many tough industrial problems." This is the theme of an article by David O. Woodbury appearing in the December issue of the *Reader's Digest*.

The article describes the "Arcturus IV" project at the Institute, in which students design equipment for use in a methane atmosphere, and where the force of gravity is much greater than on earth. It also mentions that many industrial firms sponsor special research, at costs averaging \$1,000 per project, resulting in such innovations as a typewriter keyboard that can be used twice as fast as the standard one, a gas-turbine auto, and a new kind of hospital room that is easier to clean and service and more comfortable to occupy. The article states that the Institute carries on some \$20 million worth of sponsored research each year, in addition to many private projects by individual professors.

A five yard pass from Dick Murphy to Bill Brooks gave Tufts College a hard-fought 12-6 overtime win over the M.I.T. all-stars. Over two hundred spectators witnessed the thrilling battle on Briggs Field as Tech made its debut in extramural sports.

Bresee Scores For Tech

Until the final touchdown, all the scoring had taken place early in the first period. The all-stars took an early lead as Jim Klapmeier intercepted a Tufts pass at the midfield stripe. With Ev Chambers and Coley Bresee throwing strikes, the all-stars scored in seven plays with Bresee taking a Chambers pass for the touchdown.

One minute later, the combination of Murphy and Brooks gave Tufts a 6-6 deadlock. Fading back to his own twenty, Murphy unleashed a long, looping pass to Brooks. Brooks took the pass on the Tech thirty and outraced the secondary to pay dirt.

For the remainder of the half, the all-stars kept the ball in Tufts territory but could not generate a scoring drive. A hard-charging Tufts line led by Punch Book stifled every Tech drive inside the Tufts twenty.

Second Half Scoreless

The second half was a purely defensive battle as neither team could make any headway. Only when Bresee hit Bard Crawford with a thirty yard bullet did the Tech men threaten. But this threat didn't materialize and the second half ended with Tufts in possession of the ball at mid-field.

(Continued on page 5)

Geiger Re-elected Sec-Treasurer Of N.E. Athletic Board

Professor Ivan J. Geiger, Director of Athletics, has been re-elected to his seventh successive term as Secretary-Treasurer of the Association of New England Colleges for Conference on Athletics. This group, which guides intercollegiate athletics for the 36 accredited colleges from all six New England states, represents the first district of the National Collegiate Athletic Association.

The Association performs many functions in connection with the administration of college athletics. It establishes refereeing and officiating fees, conducts clinics for training officials, controls official associations, and recommends policies in the administration of intercollegiate and intramural athletics.

Freshman Test In Mathematics Planned Next Sat.

The Mathematics Society has announced that the Annual Freshman Mathematics Competition will be held on Saturday, December 12, from 2 to 4 p.m., in room 2-235. Prizes will be awarded as follows: \$20, first prize; \$10, second; and \$5, third.

The purpose of the test is to discover mathematical aptitude and insight, and to demonstrate the innate ability of the person to assimilate new ideas, especially those in abstract form. Consequently, no special knowledge will be required.

Last year over two hundred freshmen took the exam. All freshmen are invited to participate.

The Tech



VOL. LXXIII Tuesday, December 8, 1953 NO. 47

MANAGING BOARD

General Manager Edwia G. Eigel, '54
 Editor Sheldon L. Dick, '54
 Managing Editor Arthur W. Haines, '54
 Business Manager Martin B. Mills, '54

EDITORS

Make-up Rodney W. Logan, '55
 News Norman G. Kulgein, '55
 Features Frank J. Sarao, '55
 Co-Copy Edward H. Kaplan, '55
 Co-Sports Stephen N. Cohen, '55
 Joseph Kozol, '54

OFFICES OF THE TECH

News, Editorial and Business—Room 020, Walker Memorial, Cambridge 39, Mass.
 Business—Room 031, Walker Memorial. Telephone: KIRKland 7-1881, KIRKland 7-1882,
 M.I.T. Ext. 2731.
 Mail Subscription \$2.50 per year, \$4.50 for two years.
 Published every Tuesday and Friday during college year, except during college vacation,
 and mailed under the Postal Act of March 31, 1879.
 Represented for national advertising by National Advertising Service, Inc., College Pub-
 lishers Representative, 429 Madison Ave., New York, N. Y.

Calendar of Events

from December 9 through December 16, 1953

WEDNESDAY, DECEMBER 9

- Physics and Mathematics Departments. Operations Research Seminar: "The Optimum Length of a Production Line." Mr. E. H. Bowman. Room 6-219, 3:00 p.m.
- Electrical Engineering Department. Colloquium: "Economic Stabilization and Prediction Using Servo Principles." Professor Arnold Tustin. Room 6-120, 4:30 p.m. Refreshments in Room 10-340 at 4:00 p.m.
- Catholic Club. Lecture: "Catholic Action." Mr. Eugene Myler, Administrative Assistant to the Dean, Harvard Business School. Room 2-190, 5:00 p.m.
- Inter-Varsity Christian Fellowship. Subject: "Christ of Prophecy." Rev. Calvin Malefy. Room 5-108, 5:00 p.m.
- School of Architecture and Planning. Lecture Series: "Who Killed Civic Art?" Dr. Christopher Tunnard, Chairman, Department of City Planning, Yale University. Room 7-427, 8:00 p.m.

THURSDAY, DECEMBER 10

- American Chemical Society. Symposium on The History of Chemistry: "The Atom in the 18th Century," Professor Leonard K. Nash; "The Atom in the 19th Century," Professor I. Bernard Cohen, both of Harvard University. Room 10-250, 4:00 p.m.
- Physics Department. Colloquium: "The Experimental Approach to the Problem of Superconductivity." Dr. A. B. Pippard, Royal Society Mond Laboratory, Cambridge, England. Room 6-120, 4:15 p.m.
- Electrical Engineering Department. Open House for Course VI undergraduates and teaching staff. Servomechanisms Laboratory, Building 32, 4:00-5:30 p.m. Refreshments at 4:30 p.m.
- Lecture Series Committee. Film: "God Needs Men" (French) and "Ballet" (Degas). Room 1-190, 5:00, 7:30, and 9:30 p.m. Admission: 30 cents.
- American Chemical Society. Annual Student Night. Lecture: "Reactions in the Earth's Atmosphere." Professor Don M. Yost, California Institute of Technology. Room 10-250, 8:00 p.m.

FRIDAY, DECEMBER 11

- Mechanical Engineering Department. Seminar: "Research in Heat Transfer at Imperial College." Professor A. O. Saunders, Imperial College of Science and Technology, London, England. Room 3-370, 4:00 p.m. Coffee in Room 3-174 from 3:30-4:00 p.m.
- Dormitory Social Committee. Formal Dance. Baker House, 9:00 p.m.-1:00 a.m.

SATURDAY, DECEMBER 12

- M.I.T. Electric Railroaders' Association. Tour: MTA Everett Shops at 9:00 a.m. Burton Lounge, East Campus, 8:00 a.m.
- M.I.T. Musical Clubs. Annual Christmas Concert. Jordan Hall, 8:30 p.m. Tickets available in Building 10 at \$1.00, \$1.50 and \$2.00.
- Informal Dance Committee. Christmas Dance. Morss Hall, Walker Memorial. Dancing from 8:30 p.m.-12:00 a.m. Refreshments and entertainment. \$1.00 per couple.

MONDAY, DECEMBER 14

- Aeronautical Engineering Department. Seminar: "A Half Century of Aeronautical Development." Dr. Jerome Hunsaker. Room 35-225, 4:00 p.m. Refreshments in the duPont Room from 3:30-4:00 p.m.
- School of Architecture and Planning. Lecture Series: "A New Housing Program For America." Mr. Charles Abrams, Consultant on Housing and Land Policy to the United Nations. Room 7-427, 8:00 p.m.

TUESDAY, DECEMBER 15

- Committee on Machine Methods of Computation. Seminar: "A Mistake Diagnosis Routine for the Whirlwind I Computer." Mr. D. T. Ross. Room 12-182, 4:00 p.m.
- Metallurgy Department. Colloquium: "Thermodynamics of Ternary Silicate Slags." Professor Reinhardt Schuhmann, Jr. Room 35-225, 4:00 p.m.
- Christian Science Organization. Subject: "Honesty." Tyler Lounge, Walker Memorial, 5:15 p.m.
- Catholic Club. Christmas Party. Talbot Lounge, East Campus, 8:00 p.m.

WEDNESDAY, DECEMBER 16

- Graduate House. Annual Christmas Party: dinner, carols. Campus Room, 5:45 p.m.

EXHIBITIONS

Photographic Salon prints by Grant M. Haist of Rochester, New York, will be on display in the Photo Service Gallery, Basement of Building 11, through December 20.

A representative selection of Medieval French art, with emphasis on the nature and development of the cathedral, will be on exhibit in the New Gallery of the Charles Hayden Memorial Library through December 23. Hours: Monday through Friday, 9:00 a.m.-5:00 p.m.; Saturday, 2:00-5:00 p.m.

CALENDAR OF EVENTS

The Calendar of Events appears in THE TECH on Tuesday with announcements for the following eight days (Wednesday through Wednesday). Notices, typewritten and signed, must be in the office of the editor, Room 7-204, not later than noon on Thursday prior to the date of publication. Material for the Calendar of December 16-23 is due December 10.

through the mail

To the Editor of *The Tech*:

In this morning's edition of the Boston Herald appeared an editorial calling public attention to a rather disgusting episode which took place on the campus of the University of Georgia. This episode, of which most students now probably know, was a direct attack on various principles very much cherished by most people in this country: academic freedom, freedom of the press, freedom of thought, and the assumption that all men are created equal.

The attack came from a member of the faculty of that University in the form of retaliation to two editorials which appeared in the college newspaper. The staff of the paper took a stand on the widely discussed problem of segregation, not at all in accordance with the old principles of the South, but definitely in favor of unsegregated education. After this, things started happening. By being deprived of all its funds, the paper was forced to take back whatever it said. The students involved were insulted and humiliated and referred to by name, and asked (among other things) whether their parents weren't ashamed of their stand.

This seems to me to be the most outrageous attack ever made on our academic system and even on the very principles of democracy. The very fact that the faculty forced its own opinion in non scientific matters upon students is an outrage which no college student in this country nor in any other part of the free world should let pass by without his most violent opposition. . . . The students of Georgia U. showed

intelligence, maturity and courage by taking the stand they did. Up to the point where it would have meant the death of their paper, they fought for the right to express their own opinion . . . rather than condoning . . . policies with which they could not agree. They had enough initiative and guts to express an opinion which had very powerful opponents. They yielded only to brute force.

Since I first came to this country I was firmly convinced of the disadvantages of discrimination and racial prejudice. As a German citizen I sometimes had occasion to wonder about the consequences of prejudice and discrimination against one racial group. I came to this country, which I was told to be the land of freedom, and found that not only one, but many racial groups were discriminated against. I don't believe many people can fully appreciate the shock this knowledge gave me. Finally I came to M.I.T. and was fortunate enough to find things quite different. . . . When an episode like the one I am writing about reaches my ear, I cannot resist expressing my opinion about it. Maybe people who have grown up in this country are used to the situation and don't make much out of it, but it is about time that somebody awakens to the facts and starts doing something about it. It is most surprising to me to find that young people of that part of the country where segregation and prejudice assumed their saddest aspects are among the first to take action. If I see this, I must express my approval, and this in the most effective way possible.

On the other hand I cannot help disapproving of those idiotic bigots

(Continued on page 4)

the college press

by John M. Dixon '55

An ever-increasing portion of the college press these days is devoted to issues of national and international politics. Particularly noticeable in scanning college newspapers is the frequent mention of Senator McCarthy and the "ism" which has been attributed to him.

Disagreement between the Senator and our neighbors at Harvard began about a month ago when McCarthy's committee called a physics professor, Wendell H. Furry, to testify in connection with espionage at Fort Monmouth, New Jersey.

From the *Harvard Crimson*: "McCarthy stated that, in closed hearing, Furry refused to testify about radar espionage and indoctrination of students. With this as a springboard, he could call the University 'a smelly mess,' where members of the Communist Party are currently on the faculty, feeding students 'Communist philosophy.'"

" . . . Until he can show there is a member of the Faculty who is a Communist (he has never said Furry is one), his charge is wholly unacceptable. This is so because, according to every other indication, there is no Communist on the Faculty. If the Senator refers to Wendell Furry, he is belied by Furry's sworn statement, which he repeated before McCarthy, that he has not been a Communist for at least two years.

"Put Up or Shut Up"

"It is therefore incumbent upon the Senator actually to name the professor or professors who are Communists, and to whom Harvard stu-

(Continued on page 3)



How silent is the night?

Watching the serenity of Christmas skies we are conscious of deep silence. Yet the stars are talking to us all the while—talking in radio waves that are full of meaning to scientists probing the depths of space.

The important discovery that some stars produce radio waves was made by a Bell Laboratories scientist while exploring atmospheric disturbances which might interfere with transoceanic telephone service. His discovery marked the birth of the fast-growing science of radio astronomy. It is telling us of mysterious lightless stars that broadcast radio waves, and it promises exciting revelations about vast regions of space concealed by clouds of cosmic dust.

And so from the probings and skills of Bell System scientists and engineers has come another tool to help man understand better the universe in which he lives. These men are a proud team—members of a still larger team engaged in research, engineering and administration and working on telephone problems in all parts of the country. We would like you to consider joining them.

There are employment opportunities with the companies that provide telephone service, with Western Electric, and with the Bell Laboratories. We need young men for the leaders in tomorrow's Bell Telephone System. Check today with your Placement Officer for details.

BELL TELEPHONE SYSTEM



The College Press

(Continued from page 2)

dents are exposed. Unless he can do so, he will be admitting to the nation that he has consciously slandered a University which is contributing at least as much to the world's fight against Communism as McCarthy himself."

A short time later McCarthy said

he had known Harvard President Pusey for quite a while and that, although he wasn't a Communist, his antagonism toward McCarthy in Wisconsin showed that he was an "anti-anti-Communist." Pusey said that Harvard is "absolutely, unalterably, and finally opposed to Communism." He told the Senator that Harvard could not tolerate Communists on its faculty because they could not be suf-

ficiently open-minded to teach there. A new development in the situation last week was a demand by a Massachusetts Representative that a Harvard Professor of Law resign his position. The professor has said in a debate that the methods of congressional investigating committees are "obscene" and that the "infection of McCarthyism" has spread throughout the country.

The *Observation Post* of C.C.N.Y. reports a speech by the college president, Dr. Buell G. Gallagher, in which he said that those who trust in the "process of free inquiry" want the student "to learn through his own experience the values which are worth holding to, cannot have people of the closed mind, such as members of the Communist Party, teach." He also went on to say that for the same reason, "We cannot permit the pressure of political expediency and the irresponsible words of demagogic men to cause the colleges and schools to swerve one iota away from their fundamental faith in freedom."

McCarthyism in Canada

College students across the border in Canada have shown a strong interest in McCarthyism, especially since the international issue over Igor Gouzenko. At the University of Toronto McCarthy was burned in effigy by a group of students dressed, strangely enough, in uniforms reminiscent of the Ku Klux Klan.

In objecting to the stand of the United States on the Gouzenko problem, the *Queens Journal* of Kingston, Ontario calls for a reform in our government: "It is time that responsible persons in the U. S. Government made a clear statement on the policy of that country toward McCarthyism. If the American people and their government wish to tolerate McCarthyism and its authoritarian methods the free people of this country can do no more than offer them our sympathy—and place a firm bolt on our door. "Senator McCarthy has told the American public that if they do not approve of him, they can elect a Democratic Senate in 1954, removing him from the chairmanship of his powerful subcommittee. It is to be hoped the American public will take advantage of this opportunity."

Los Angeles Firm Grants \$2500 For Scholarship

Holmes & Narver, Inc., Engineers and Constructors, of Los Angeles, has established at the Institute a \$2,500 annual scholarship, open to young men in Southern California, it was announced today.

James T. Holmes, President of the firm, was graduated from the Institute in 1914. The Holmes and Narver Scholarship provides for study either in Civil, Mechanical, Electrical, Chemical, or Industrial Engineering, primarily fields concerned with commercial or industrial plant design and construction.

The scholarship is renewable each year for the undergraduate period, provided the holder maintains academic standing satisfactory to the Faculty Committee on Student Aid and continues to show need of financial assistance.

Dorm Committee Reveals Winners Of Puzzle Contest

Three free tickets to the Dormitory Social Committee's Christmas Formal to be held this Friday were awarded to members of the student body as a result of a puzzle contest published in the last issue of *The Tech*. The winners are Warner Hirsch '57 of Burton House, Richard W. Bush '56 of East Campus, and Joseph M. Giattari '56 of Baker House. These winners can pick up their tickets in Room 120, Baker House.

The objects, when correctly identified, were "sock" plus "vial" plus "comb" plus "miter" minus "verb" minus "k" plus "tee," which gave the final result of "Social Committee."

Tickets to the dance are still on sale in Building 10, and may also be purchased from any hall chairman.

Robert J. Holden Selected To Lead Morning Service

Last Thursday and Friday, Mr. Robert J. Holden, general secretary of T.C.A., was selected to lead the morning service at Harvard University. These fifteen-minute chapel services are held each morning in Appleton Chapel at Harvard, with various ministers and dignitaries, mainly from the Boston area, being called upon to officiate.

CHRISTMAS DANCE

Next Saturday, December 12, the I. D. C. will hold a Christmas dance in Morss Hall of Walker Memorial, from 8:30 until 12:00 p.m. The admission price will be \$1.00, including refreshments and entertainment.

Fraternity Rejection

(Continued from page 1)

group. The alumni of T.E.P. in the Boston area have not indicated that they would finance it completely.

In defeating the motion, the I.F.C. referred to its most recent addition of Sigma Phi Epsilon in 1953. During their three year probationary period, they secured finances via a loan from a South Boston bank to help shoulder the burden of initial expenses.

Student House Petition

(Continued from page 1)

is anticipated they will modify their present method of obtaining residents.

The decision to petition the Interfraternity Council for recognition was made at a general meeting of the members of the Student House on November 16. Although the Student House is similar to a fraternity in living arrangements it does not have any pledge system.

L S C presents:

THE TOP FRENCH FILM OF 1951

A deeply moving drama of a group of hardy islanders, telling the story of man's basic hunger for spiritual guidance, and its satisfaction outside the organized church.

GOD NEEDS MEN

Directed by
JEAN DELANNOY

with
PIERRE FRESNAY **MADELEINE ROBINSON**

"Excellent"—New Yorker

"A film of rare beauty"—N. Y. Times

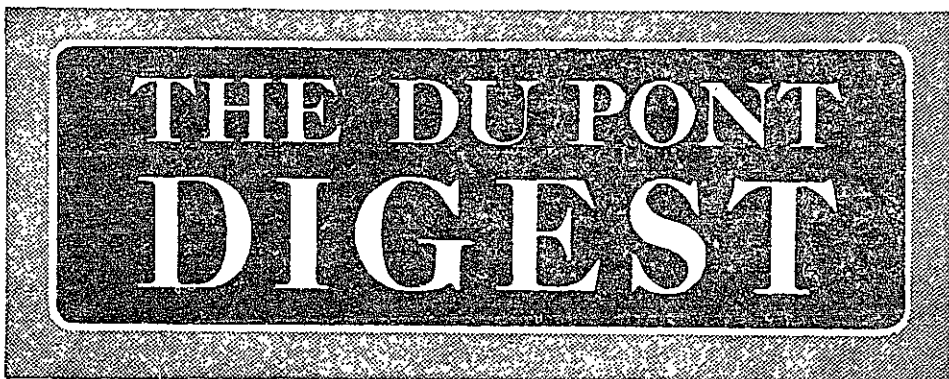
FIRST PRIZE—VENICE FILM FESTIVAL

Thursday, December 10, 1953

M.I.T. Room 1-190

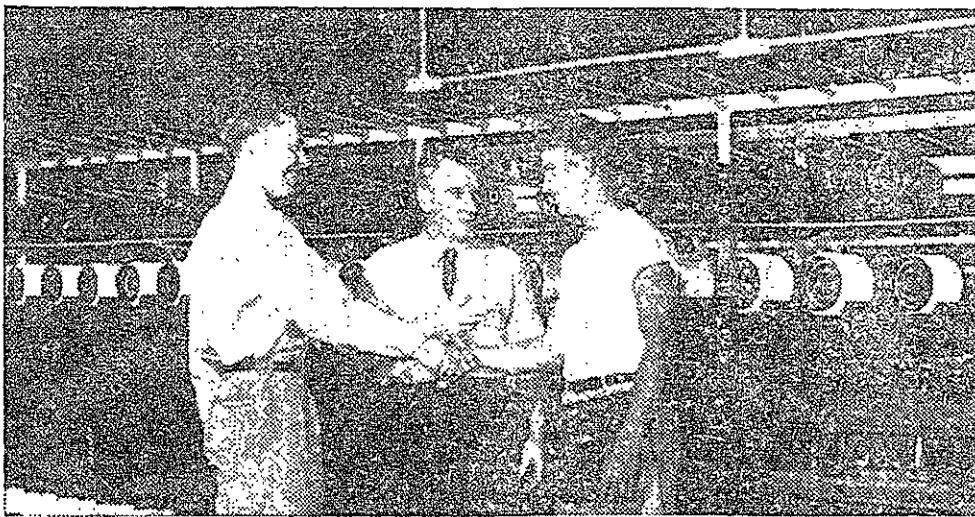
5, 7:30, 9:30

Admission 30 cents



Production Supervision

Requires Knowledge of Materials, Machines, and Men



Wm W. Kinsley, M.S. in M.E., Penn. State 1949 (left), production supervisor in Du Pont textile fiber plant, is introduced to new operator by foreman.

Keeping production rolling in a modern industrial plant is a job that appeals to men trained in many branches of science and engineering. If you are looking for opportunities in this field, you won't have to look far at Du Pont, where more than 1,500 members of the technical staff are engaged in production supervision.

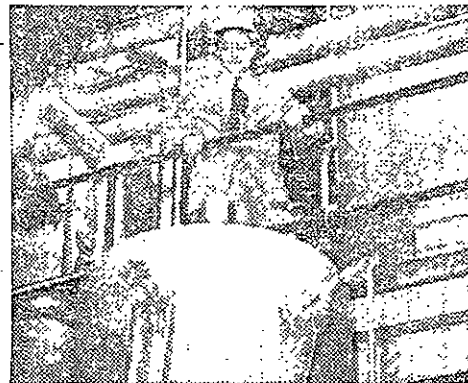
To qualify, a man must be able to understand both the mechanical and chemical phases of production. In addition, he should be a good planner and, above all, have a knack for working with others.

Production supervisors are responsible for care of plant facilities, supply of raw materials, supervision of operation and maintenance, cost and shipment of finished products, as well

as personnel relations, training and safety.

Since Du Pont makes over 1,200 products and product lines, it can offer many opportunities in a wide variety of operations to men interested in production supervision. In Du Pont's *Organic Chemicals Department*, for example, most technical men start in plant development groups, where they gain a background in both the technical and economic aspects of manufacture. Those with interests and abilities in production may then transfer to that field to acquire further, and more detailed, experience. Advancement leads to jobs as Building Supervisor, Senior and Chief Supervisors, and Superintendent.

The responsibilities of these supervisory levels vary, depending upon



George B. Bradshaw, Jr., B.S. Ch. E., M.I.T., Asst. Supt., inspects a unit used in ammonia synthesis operation.

the men, the operation, and the products.

For example, in manufacturing dyes, up to 50 different operations may be carried out. Production and maintenance must be carefully planned and scheduled so that all needs for finished product are met. Temperature, pressure, and quality of reactants must be carefully controlled to insure that each batch of dye will match previous batches exactly.

In making each color, from 6 to 10 different unit processes may be called upon. And, in the course of time, all the unit operations known to chemical engineering come into play. Obviously, production supervisors have excellent opportunities to use and expand their technical knowledge and ingenuity. Equally important, they can acquire background and varied experience that prepare them for advancement to responsible positions in management and administration.

ASK FOR "Chemical Engineers at Du Pont." New illustrated booklet describes initial assignments, training and paths of promotion. Just send post card to E. I. du Pont de Nemours & Co. (Inc.), 2521 Nemours Building, Wilmington, Delaware. Also available: "Du Pont Company and the College Graduate" & "Mechanical Engineers at Du Pont."



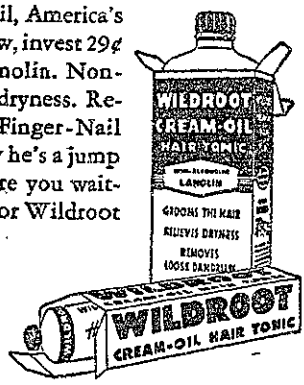
BETTER THINGS FOR BETTER LIVING
... THROUGH CHEMISTRY

Watch "Cavalcade of America," on Television

- J. Paul Sheedy* Switched to Wildroot Cream-Oil Because He Flunked The Finger-Nail Test



Here's a sad cotton tale: poor Paul was in a stew about his hare until his paw wrote: "I ear you got a bun on because your girl left you. Now, letuce look at the bre'r facts. To get in on the bunny huggin', smart rabbits foot it down to any toiler goods counter for Wildroot Cream-Oil, America's biggest-selling hare tonic. So fuzz thing tomorrow, invest 29¢ in a bottle or handy tube. Contains soothing Lanolin. Non-alcoholic. Grooms the hare. Relieves annoying dryness. Removes loose, ugly dandruff. Helps you pass the Finger-Nail Test." Sheedy tried Wildroot Cream-Oil and now he's a jump ahead of every Tom, Dick and Harvey. So what're you waiting for? Get Wildroot Cream-Oil today, and ask for Wildroot at your barber's. You're bound to like it!



*of 131 So. Harris Hill Rd., Williamsville, N. Y.
Wildroot Company, Inc., Buffalo 11, N. Y.

Squashmen Rout Dartmouth 8-2, Wesleyan Next

The Tech Squashmen started the season off on the right foot as they crushed a strong Dartmouth college team 8-2. This victory avenged last year's loss to the Indians by an identical score.

The team showed excellent depth as the first four and the last four seeded players notched victories. Only fifth and sixth seeded John Melavas '54 and Raphael Morales '55 failed to win, as they both dropped close 3-2 decisions.

With co-captains Paul Rudzinski '54 and Hossain Nasr '54 setting the pace with 3-1 victories, the outcome was never in doubt. Paul Goldin '54 and Dick Lane '54 came through with impressive 3-0 wins, while Hugh Harriman '54, Walt Stahl '56, and Don Steig '55, only suffered the loss of one game apiece. Bob Warshawer '54 registered the only Tech 3-2 win as he rallied from a two point deficit in the fifth game.

Coach Jack Summers was pleased with the team's performance as they registered the first squash win over Dartmouth in more than a decade. The racquetmen will seek to make Wesleyan their second victim this Friday at Middletown, Conn.

SUMMARY

Rudzinski (MIT) defeated Addis 17-18, 15-8, 15-8, 15-7; Goldin (MIT) defeated Buffington 15-12, 15-12, 15-9; Harriman (MIT) defeated Rogers 15-8, 15-7, 11-15, 15-7; Nasr (MIT) defeated Anzel 15-12, 12-15, 15-12, 15-9; Harvey (D) defeated Melavas 15-11, 9-15, 3-15, 18-13, 18-17; Darche (D) defeated Morales 15-10, 9-15, 12-15, 18-16, 15-10; Stahl (MIT) defeated Dean 15-10, 15-11, 15-5, 15-13; Lane (MIT) defeated Harris 15-9, 15-12, 15-11; Warshawer (MIT) defeated Isaacs 18-15, 18-13, 9-15, 12-15, 18-15; Steig (MIT) defeated Grundman 15-9, 15-11, 10-15, 15-12.

Beavers Defeat Lowell Tech In Basketball Opener, 75-64

Gifford Weber, '55, contributed 26 points to pace the Beaver Basketball team to a 75-64 victory in their 1953-54 season debut against a fast Lowell Tech squad at Lowell last Saturday night, handing them their first loss of the season. Lowell Tech had defeated Gordon College previously this season.

Even though the Beavers owned a decisive margin in height, the first period saw them baffled and relatively ineffective against the speed and the high accuracy in shooting of the LTI squad, particularly their two guards. LTI dominated the ball both on the court and, surprisingly, off the backboards. With the score 7-3 in LTI's favor, Stan Shilenski, '55, center, dropped in two quick baskets from the side and a free throw to place the Beavers ahead once more. LTI, though, seemingly spirited by their early effectiveness, pushed and stayed ahead for the rest of the first period, ending the initial ten minutes of play 8 points in front, 23-15. This proved to be the greatest deficit for the Beavers during the game.

It did not take Coach Scotty Whitelaw long to determine an effective counter measure to this strong LTI offensive showing. A tighter defense brought quick results, and, coupled with a reverse in the backboard domination, the Beavers took over the offensive to outscore their opponents 25-10 in the second period. The starting lineup of Weber and Ken Christie as forwards, Carl Hess and Jack Britt guards, remained in the game. Stan Shilenski, suffering from a weak ankle incurred at a scrimmage game with Harvard last Wednesday, left the contest to rest until the final part of the fourth quarter. Al Schultz, '54, replaced him. At the half, the Beaver squad enjoyed a 40-33 advantage.

Not until the second half did Coach Whitelaw's charges show their worth to the LTI crowd. Nor did a switch in strategy on the part of LTI, a change from man to man to a zone defense, deter the Engineers any as they introduced an effective, deliber-

ate offense, intermingled with some fast breaks, and held on to the tight defensive tactics, to widen the margin to 15 points. Both sides suffered somewhat, though, from moments of sloppy playing, both teams losing the ball on "double dribbling and traveling" charges. At the third period, the Beavers could boast a healthy 61-46 lead.

With victory in sight, Coach Whitelaw gave his reserves a chance in the final quarter. The secondaries proved quite ineffective against their speedy, now desperate opponents, lacking, it seemed, mainly in experience. The first squad was forced to finish off the final four minutes to insure a 75-64 victory.

Tonight, Trinity College invades Walker Memorial Gym to play the Cardinal and Gray in this season's first home game. The inexperience, which, Coach Whitelaw hopes, will remedy itself as the season progresses, might cause a loss for the Beavers tonight, especially since Trinity usually produces good basketball squads. At any rate, some exciting basketball can be expected, with a Beaver upset not all together far-fetched.

M.I.T.		FG	FT	TP
Shilenski	C	3	2	8
Weber	C	11	4	26
Hess	C	5	3	13
Britt	C	4	3	11
Christie	C	5	3	13
Schultz	C	1	0	2
Paterno	C	0	1	1
Friedman	C	0	1	1
		29	17	75
L.T.I.		FG	FT	TP
Hannon	F	2	2	6
Silver	F	2	3	7
Hárahý	F	1	1	3
Lolos	F	3	6	12
Horowitz	F	11	4	26
Koza	F	1	1	3
Brandt	F	2	1	5
Birnbaum	F	1	0	2
		23	18	64

GIFT SUGGESTIONS

AT THE

TECHNOLOGY STORE

Pen and Pencil sets by Parker and Sheaffer—
A large assortment of colors and styles \$5.00 and up

Electric Shavers by Remington—Schick—Sunbeam
Priced from \$19.95 to \$27.50

Games and Playing Cards—A Large Slection from 35c to \$5.00

Men's Toiletries by Yardley and Lenthéric—
Shave Lotions, Talcums and Sets

Women's Toiletries by Elizabeth Arden, Yardley and Lenthéric—a nicely
packaged variety of individual items and sets

Candy—Food Boxes—Cheese Assortments—Imported Cookies
Attractively packaged and priced from 39c to \$7.79

Gift Stationery for Men and Women—many styles and sizes to choose
from—all colorfully boxed. Priced from 50c to \$3.50

Jewelry for Women—Earrings and Necklace Sets—Compacts—
Pearls by Elgin American

Jewelry for Men—Cuff Link Sets—Tie Bars and Chains
and Key Chains by Swank

Glassware—Hiball Glasses with 2 Color M.I.T. Seal—
\$5.00 dozen—50c each. Short glasses \$1.25 box of 4

Appliances—Toasters—Mixers—Coffee Makers—Sandwich Grilles—
Electric Irons—Pressure Cookers—Fryers

Billfolds for Men and Women by Buxton
Many styles and colors from \$3.50 up plus tax

Pictorial Engagement Calendars—New England, Vermont,
Maine, Cape Cod, etc. \$1.25

BUILD UP YOUR PATRONAGE REFUND

SHOP AT THE TECHNOLOGY STORE

REWARD

Discounts for M.I.T. students at
ARTHUR'S FLOWER SHOP
CI 7-8325

on Christmas Dorm. Formal corsages.
One block past Boylston Street, on Mass.
Ave. Satisfaction guaranteed.

TECHNOLOGY STORE



Pen Buy
of the Year!

Sheaffer's
new
SNORKEL pen

Only
\$7.50

- Fills without "dunking"
- Never needs wiping
- 14K gold points
- Choice of point styles
- One-stroke filling

Tube reaches
out to drink
the ink.

For you to own, and for impressive gifts! This is the revolutionary "no-dunk" pen you've read and heard about. Now sensationally low-priced! Choose yours today!

TECHNOLOGY STORE

Through the Mail

(Continued from page 2)

who try to stop the improvement and to hamper the way of sociological progress. In my capacity as a student and as a future citizen of this country I protest against them and against all those who go along with them.

I feel that all students should align themselves in a common front and fight for their rights and for whatever in their opinion is right and equitable. They should defend their privileges and refuse to let anything which regards them go by unnoticed and un-commented upon.

It is about time that people awaken to the fact that college students generally aren't idiots . . .

Klaus Kubierschky, '56
December 1, 1953

HEAT TRANSFER SEMINAR

A combined seminar of the Gas Turbine, Sloan Automotive, and Fuels Research Laboratories will be held in Room 31-261 at 4:00 p.m. on Thursday, December 10 on the subject, "Heat Transfer Studies in Geometrically Similar Engines."

Advertisement

THE COLLEGE DANCE CLUB

Want a date? A good time? You will have both at the College Dance Club Dances held every Friday night at the Hotel Kenmore and every Saturday at the Harvard Club. Attendance is restricted to college students, graduates, and their guests. One must be a member to purchase a ticket. Membership cards may be obtained after proof of educational status is submitted, i.e. college ring, bursar's receipt, library card, etc. Membership is co-ed. Just ask a member. The dances are loads of fun. This will be the eighth wonderful year.

JOIN IN GAYETY—JOIN NOW.
STAG \$1.25

Mermen Downed By Amherst Team In Initial Contest

Pucksters Beaten In Opener, 11-0 By Dartmouth Six

The Tech varsity swimmers dropped their first meet of the season 56-28 to a perennially strong Amherst College team at Amherst, Mass. The meet was closer than the score indicates since the last three events turned the tide heavily in the Sabrina's favor.

The Tech men could only collect two first places in ten events as Quinn Solem '56 and Tom Hamilton '55 won the 220 yard free style and the 100 yard free style races respectively. Other beaver swimmers to show to good advantage were Captain Don Bailey, free style, back-stroker Bob Jantzen '56, and diver Manny Tidor '54.

The team's main handicap seems to be a lack of depth which shows up as a sore thumb in the medley and free style relays. With one meet under their belts, the swimmers are looking forward to avenging last year's three point defeat by Wesleyan when they meet the Cardinals at Middletown, Conn. this Friday.

RESULTS

150 yd. medley relay: Pray, Helmreich, Beaver (A), 3:08.1.
 220 yd. free style: Solem (T), Gray (A), Hanks (A), 2:30.4.
 50 yd. free style: Anthony (A), Hamilton (T), Schick (A), 25.2.
 150 yd. Ind. Medley: Kessler (A), Smith (A), Cohen (T), 1:48.5.
 Diving: Van Hoessen (A), Tidor (T), Dwyer (T).
 100 yd. free style: Hamilton (T), Bailey (T), Hollister (A), 57.4.
 200 yd. back stroke: Pray (A), Jantzen (T), Tuchehope (A), 2:30.7.
 200 yd. breast stroke: Helmreich (A), Saly (A), Buck (A), 2:44.8.
 440 yd. free style: Hamrin (A), Solem (T), Davis (A), 5:44.
 400 yd. free style relay: Beaver, Kessler, Hollister, Pray (A), 3:50.8.

The Beaver pucksters traveled to Hanover, New Hampshire, Saturday, and were overwhelmed by a strong Dartmouth six, 11-0. Dartmouth, rated as one of the best teams in the nation and fresh from a 5-1 victory over Harvard, scored three goals in the first period, even though Joe Bova '54, Tech's goalie, made twenty-five saves. The puck was in front of the Tech goal during most of this initial frame. The Indians tallied four goals in the second period and three more in the last frame to the delight of some 2,000 Dartmouth fans. Tech had few shots at the Dartmouth goal, but continually harassed the Green's defense.

Although completely outclassed by their opponents the Martonmen displayed unusual spirit and determination which indicates that a good season is to be expected when they play teams on their own level. Goalies Joe Bova '54 and Sandy Aitken '56 did a fine job against Dartmouth's excellent line, while Fred Culick '56 and Joe Sullivan '56 played well for the offense. Harry Wells '54, last year's high scorer, played his usual good game.

Tech meets Tufts this Saturday at 4:00 p.m. in the Lynn Arena.

Lineup for Tech:

Goal, Bova '54; R. Defense, Wells '55; L. Defense, Kiley '54, captain; R. Wing, DiBona '55; Center, Bartsch '55; L. Wing, Duffin '54.

Substitutes: Culick '56, Sullivan '56, Schwartz '56, Bachman '56, Baker '55, Kariotis '54, Hill '55, Royer '56, Coult '56, Sherbrooke '55, and Aitken '56.

Football Game

(Continued from page 1)

The all-stars received the overtime kick-off and brought the ball back to the twenty. Two plays later, Brooks picked off a Bresee pass on the Tech thirty yard line. On four plays the Jumbos advanced to the all-star five yard line. On the next play, Murphy faded to his right and threw a bullet to Brooks who had cut across the end zone from left to right. Brooks took the pass among four Tech defenders and ended the all-star's hopes of victory.

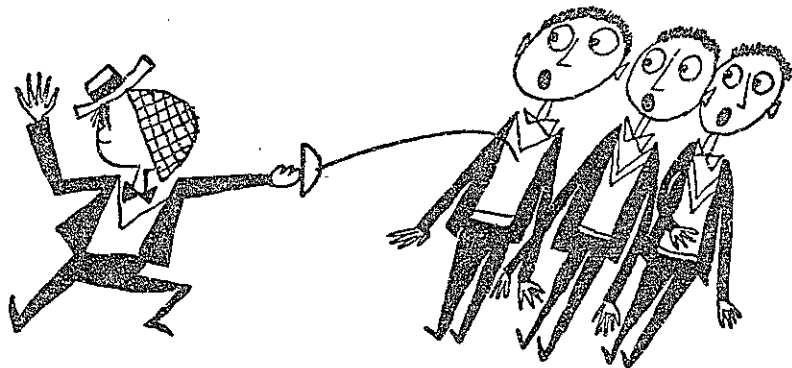
The statistics of the Tech-Tufts battle are given below.

STATISTICS		
	M.I.T.	TUFTS
First Downs	11	5
Passes Attempted	43	25
Passes Completed	19	10
Passes Intercepted	3	2
Fumbles lost	1	0

LINEUPS		
Offensive		TUFTS
M.I.T.	E	Daley
Vergun, Cole	E	Faucon
Crawford	G	Sanderson, Kingsley
Lickly, Wilson	G	Cogliano
Calvert	C	King
Colton, Westphal	B	Murphy
Chambers, Hoffman	B	Brooks
Bresee, Kraner	B	Lewis, Schuler
Lightfoot, Gross	B	

M.I.T.		TUFTS
Ebner, Brooks	E	Book
Savin, Wilson	E	Croft
Westphal, Calvert	G	Hammond, Schwartz
Klapmeier	G	Grussing
Hoffman, Hohorst	B	Brooks
Kraner, Comporato	B	Betan
Hess, Bresee	B	Esrey
Murray	B	Talbot

Curses, Foiled Again!



Charlie Chump was a scrawny Junior who never had any claim to fame on campus. Then, one day, it became known that he had become manager of the Fencing Team. Immediately he was surrounded by a group of incredulous students.

"How come you're managing the Fencing Team?", asked one of them.

"Well, it's this way," replied Charlie. "Last week I went down town and got a couple of Van Heusen VANDUROY Sport Shirts... for only \$7.95 apiece. When I put on one of my rugged corduroy beauties, I looked so handsome that I was immediately surrounded by all the beautiful co-eds!"

"Is that a fact," murmured one of his classmates.

"But then, all their boyfriends gathered 'round and said, 'Charlie, what would you do if we beat you up?' So I looked 'em right in the eye and said, 'I'll manage a defense!'"

"Gee, what happened?" asked a wide-eyed Freshman.

"Just then Angelo, coach of the Fencing Team, walked by. He said, 'You managa de fence. Atsa good, da teamsa need a manager!'"

CAREER QUIZ FOR ENGINEERING SENIORS

We want you to give us this quiz -- then make comparisons. You could call this test a Career Quiz, for it represents the questions most frequently encountered by our representatives in interviews with several hundred young engineers in recent years. This large group of graduating engineers felt that these questions explored the more important areas of consideration when evaluating the career opportunities of a business organization:

- What various types of work does your firm offer men with my degree?
- What would be my job with your company?
- What opportunities are ahead for me in your organization?
- When will I begin to be noticed by management?
- What are the engineering problems likely to be encountered?
- What are the end products of your firm?
- What about living conditions in your community?

Our engineering representative will visit your campus in the near future. He will be glad to answer these and other questions about the McDonnell Aircraft Corporation of St. Louis, Missouri.

Those interested in obtaining a Master or Doctor of Science Degree should inquire about the McDonnell Graduate Study Plan.

BUILD YOUR FUTURE WITH A COMPANY . . .
 YOUNG IN YEARS, YOUNG IN SPIRIT AND IDEAS

MCDONNELL



When you know your beer . . . IT'S BOUND TO BE BUD

Ever notice how so many people call for Budweiser? Its matchless flavor makes good food and good fellowship more enjoyable. Produced by the costliest brewing process known, the distinctive taste of Budweiser has pleased more people by far, than any other beer in history.



ANHEUSER-BUSCH, INC.
 ST. LOUIS, MO. NEWARK, N. J.

EXAMINATION SCHEDULE

Serial No.	Subject No. and Name	Year	Examiner	Serial No.	Subject No. and Name	Year	Examiner	Serial No.	Subject No. and Name	Year	Examiner
MONDAY, JANUARY 25 9 A.M.											
1	1.571 Stat. Indet. Struct.	G	Fife	33	13.01 Naval Architecture	3	Allmendinger	18	5.73 Chem. Thermodyn.	G	Scatchard
3	1.731 Adv. Wat. Power Eng.	G	G. R. Williams	35	14.451 National Income	G	Millikan	20	6.213T Feedback Cont. Prin.	G	Campbell
5	2.04 Strength of Mat.	3	Dahl	37	15.50 Accounting	3-4	T. M. Hill	22	6.605T Advanced Feedback Control Theory	4	Newton
7	2.06 Dynamics	3	Adkins	39	16.052 Aerodyn. Comp. Fl.	G	Stever	24	7.19 Gen. Physiology	4	Waugh
9	2.225 Physics of Strength & Plasticity	3	Orowan	41	16.10 Applied Aerodyn.	G	Ober	26	8.03 Physics	2	Bitter
13	5.51 Adv. Org. Chem.: Synth.	G	Cope	43	19.30 Gen. Climatology	3	Austin	28	8.031 Physics	4	S. C. Brown
15	5.61 Phys. Chemistry	G	Stockmayer	45	20.01 Ch. & App. Blast.	3	Lockhart	30	10.32 Chemical Eng.	2	Rosengren
17	5.79T Kinetic Theory	G	Amdur	47	M791 Nucl. Chem. Tech.	3	Reisser	32	14.271 Prob. in Ind. Econ.	4	Vivian
19	6.281 Prin. Wire Comm.	4	C. E. Tucker	49	N31 Special Examinations	G	Benedict	34	15.61 Business Law	G	Adelman
21	6.35T Fund. of Acoustics	4	Beranek	51				36	16.15 Adv. Stability & Control of Air.	G	Macmillan
23	6.351 Eng. Acoustics	4	Beranek, Bolt					38	19.601 Int. to Theoret. Meteorology	2	Koppen
25	6.567 Switch. Circuits	G	Caldwell					40	M831 Analysis	4	Houghton
27	6.621 Microwave Circuits	G	Adler					42	Special Examinations		G. E. Thomas
29	8.05 Atomic Physics	3-4	Zacharias								
31	8.32 Line Spectra	G	S. P. Davis								
33	8.57 Neutron Physics	G	Goodman								
35	10.25 Ind. Chemistry	G	Meissner								
37	13.73 Mech. Vibration	G	F. M. Lewis								
39	14.121 Economic Analysis	G	Bishop								
41	16.20 Structures	3	Sandorff								
43	17.741 Eng. Prop. of Plast.	4	Diets								
45	19.70 Elem. Phys. of Atmos.	3	Houghton								
47	20.51 Adv. Food Tech.	G	B. E. Proctor								
H11	Found. West. Civil.	3	Greene, McMaster								
H11	Found. West. Civil. (Special)	1	Rosen								
49	H11 Special Examinations										
MONDAY, JANUARY 25 1:30 P.M.											
2	1.271 Transport. Eng.	4	Babcock, Bone	38	M21 Calculus	2	Aldrich	1	1.601 Fluid Mechanics	3	Ippen, Daily
4	1.65T Free Surface Flow	G	Ippen	34	19.83 Oceanography	4	Aldrich	3	1.611 Fluid Mechanics	G	Harleman
6	2.081 Strength of Mat.	3-4	DenHartog	36	20.11 Tech. of Food Prod.	4	D. W. Taylor	5	1.63 App. Hydromech.	3	Daily
8	2.41 Heat Engineering	G	Svenson	38	M21 Calculus	G	Paynter	7	2.25 Fluid Mechanics	4	A. H. Shapiro
10	3.83 Mineral Eng.	4	deBruya	42	M21 Calculus	G	Svenson	9	2.31 Mech. Prop. of Mat.	3	Orowan
12	5.67 Int. to Atomic & Molec. Structure	4	Lord	44	M21 Diff. Equations	G	Rogowski	11	5.01 Gen. Chemistry	1	Stephenson
14	6.032 Prin. Elec. Eng.	4	Fitzgerald	46	M633 Abstr. Algebra	G	Schumann	13	5.71 Chem. Thermodyn.	2-3-4	Ashdown
16	6.527 Rot. Ampl. & Convert.	G	Tustin	48	M76 Th. of Probability	G	Swain	17	6.021 Electronic Circ.	3-4	Beattie
18	8.132 Arch. Acoustics	G	Bolt	50	M851 Potential Theory	G	Keller	19	6.291 Prin. of Radar	G	S. J. Mason, Jones
20	8.361 Quant. Th. of Mat.	G	Beshbach	52				21	6.561 Adv. Net. Theory	4	Reitjes
22	10.45 Distill. & Absorpt.	G	Gilliland					23	8.001 Physics	G	Guillemin
24	13.02 Naval Architecture	G	Abkowitz					25	8.731 Int. to Quant. Th.	G	Summerfield
26	16.105 Applied Aerodyn.	4-G	Ober					31	M381 Th. of Functions	G	Villars
28	16.13 Air. Stab. & Cont.	3-4	Bicknell					33	M39 Meth. of App. Math.	G	Lin
30	19.61 Dyn. Meteorology	4	Starr					35	Special Examinations	G	Franklin
32	H21 The United States: Ideas & Men	2	Rae, Kelso								
34	H21 Modern Western Ideas & Values	2	Hartley, Mann								
36	M62 Modern Algebra	3	Iwasawa								
38	N21T Nucl. Reactor Eng.	G	Pigford								
40	N21T Special Examinations										
TUESDAY, JANUARY 26 9 A.M.											
1	1.681 Exp. Hydromech.	G	Harleman	1	1.91 Eng. Construction	3	Babcock	2	1.41 Struct. Analysis	4-G	Mirabelli
3	1.75 Water Sup. & Purif.	4	Stanley	3	2.40 Heat Engineering	3	Svenson	4	2.00 Statics	2	DenHartog
5	2.003 Applied Mechanics	3	Adkins	5	2.401 Heat Engineering	3	Svenson	6	2.001 App. Mechanics	2	Crandall
7	2.213 Gas Turbines	G	E. S. Taylor	7	2.402T Heat Engineering	G	Keenan	8	2.002 App. Mechanics	2	Dahl
9	2.256 Fluid Mechanics	G	A. H. Shapiro	9	2.403 Heat Engineering	G	Keenan	10	2.211 Adv. Mechanics	2	DenHartog
11	2.791 Int. Comb. Eng.	4	Rogowski	11	2.521 Adv. Heat Transfer	G	Rohsenow	12	2.20 Metal. Thermodyn.	4	Wagner
13	4.811 Struct. Analysis	G	Isard	13	3.31T Phys. Metallurgy	G	Bever	14	2.20 Metal. Thermodyn.	2	Wildes
15	5.55 Org. Chem.: Nat. Prod.	3	Gelotte	15	5.77T Cryst. Structure & the Chemical Bond	G	Shoemaker	16	6.16 Electricity	4	Eager
17	6.03 Control & Conversion of Energy	3	Buchi	17	6.511 Elec. Pow. Circuits	G	Wildes	18	6.19 Ind. Electronics	4	Fitzgerald, Kusko
19	6.20 Elect. Cont. & Meas.	4	White, Kusko	19	6.629 Radar Syst. Eng.	G	Reintjes	20	6.571 Stat. Th. of Comm.	G	Y. W. Lee
21	6.22 Pow. Trans. & Distr.	4	Fitzgerald	21	6.633 Electronic-Circ. Th.	G	Scott	22	6.581 Trans. in Lin. Syst.	G	M. F. Gardner
23	6.56 Math. Methods in Elec. Eng.	G	T. F. Gray	23	7.80 Biochemistry	3-4	Gould	24	7.10 Genetic Cytology	G	J. H. D. Bryan
25	8.01 Physics	1	Mueller	25	8.071 Thermo. & Stat. Mech.	3	Kivelson	26	8.07 Thermodynamics & Statist. Mech.	3-4	Herlin
27	8.012 Physics	1	Carpenter	27	10.28 Chemical Eng.	3	Sherwood	28	8.07 Thermodynamics & Statist. Mech.	3-4	Hottel
29	8.71 Int. to Th. Phys.	4	Satterfield	29	13.13 War. Struct., Th.	G	J. H. Evans	30	10.70 Prin. Combustion	G	Burtner
31	10.17 Ind. Chemistry	4		31	13.54 Marine Eng. Dyn.	G	F. M. Lewis	32	13.53 Marine Eng.	4	Willert
				33	M11 Calculus	1	Douglass	34	19.01 Desc. Meteorology	3	Stinchfield
				35	M12 Calculus	4-G	Hildebrand	36	M341 Mod. Stat. Theory	4	Wallace
				39	M411 Numerical Anal.			38	Special Examinations		
TUESDAY, JANUARY 26 1:30 P.M.											
2	1.561 Adv. Struct. Mech.	G	Norris	2	1.561 Adv. Struct. Mech.	G	Norris	2	2.011 Statics & Dyn.	2-3	Sloane
4	1.70 Hydrology	4	G. R. Williams	4	1.70 Hydrology	4	G. R. Williams	4	2.251 Fluid Mechanics	3-4	A. H. Shapiro
6	1.701 Hydrology & Water Power Eng.	4-G	Paynter	6	1.701 Hydrology & Water Power Eng.	4-G	Paynter	6	6.321 Prin. Elec. Comm.	4	Adler
8	1.72 Hydrology & Water Power Eng.	4	Kaye	8	1.72 Hydrology & Water Power Eng.	4	Kaye	8	6.535 Int. to Dig. Comp. Coding & Logic	G	C. W. Adams
10	2.43 Heat Engineering	4	Keenan	10	2.43 Heat Engineering	4	Keenan	10	M32 Elem. Statistics	2	Wadsworth
12	2.451 Adv. Eng. Thermodyn.	G	Norton	12	2.451 Adv. Eng. Thermodyn.	G	Norton	12	M591 Part. Diff. Equa.	G	Serrin
14	3.50 X-ray Metallurgy	4		14	3.50 X-ray Metallurgy	4		14	Special Examinations		
WEDNESDAY, JANUARY 27 9 A.M.											
1	1.91 Eng. Construction	3	Babcock	1	1.91 Eng. Construction	3	Babcock	1	6.00 Elem. Circ. Theory	2-3	Guillemin, Scott
3	2.40 Heat Engineering	3	Svenson	3	2.40 Heat Engineering	3	Svenson	3	8.21 Phys. Electronics	G	Nottingham
5	2.401 Heat Engineering	3	Svenson	5	2.401 Heat Engineering	3	Svenson	5	15.81 Marketing	3	Cross
7	2.402T Heat Engineering	G	Keenan	7	2.402T Heat Engineering	G	Keenan	7	20.41T Bacteriology	1	Dunn
9	2.403 Heat Engineering	G	Keenan	9	2.403 Heat Engineering	G	Keenan	9	M351 Advanced Calculus for Engineers	3-4-G	Hildebrand
11	2.521 Adv. Heat Transfer	G	Rohsenow	11	2.521 Adv. Heat Transfer	G	Rohsenow	11	Special Examinations		
13	3.31T Phys. Metallurgy	G	Bever	13	3.31T Phys. Metallurgy	G	Bever				
15	5.77T Cryst. Structure & the Chemical Bond	G	Shoemaker	15	5.77T Cryst. Structure & the Chemical Bond	G	Shoemaker				
17	6.511 Elec. Pow. Circuits	G	Wildes	17	6.511 Elec. Pow. Circuits	G	Wildes				
19	6.629 Radar Syst. Eng.	G	Reintjes	19	6.629 Radar Syst. Eng.	G	Reintjes				
21	6.633 Electronic-Circ. Th.	G	Scott	21	6.633 Electronic-Circ. Th.	G	Scott				
23	7.80 Biochemistry	3-4	Gould	23	7.80 Biochemistry	3-4	Gould				
25	8.071 Thermo. & Stat. Mech.	3	Kivelson	25	8.071 Thermo. & Stat. Mech.	3	Kivelson				
27	10.28 Chemical Eng.	3	Sherwood	27	10.28 Chemical Eng.	3	Sherwood				
29	13.13 War. Struct., Th.	G	J. H. Evans	29	13.13 War. Struct., Th.	G	J. H. Evans				
31	13.54 Marine Eng. Dyn.	G	F. M. Lewis	31	13.54 Marine Eng. Dyn.	G	F. M. Lewis				
33	M11 Calculus	1	Douglass	33	M11 Calculus	1	Douglass				
35	M12 Calculus	4-G	Hildebrand	35	M12 Calculus	4-G	Hildebrand				
39	M411 Numerical Anal.			39	M411 Numerical Anal.						
WEDNESDAY, JANUARY 27 1:30 P.M.											
2	1.561 Adv. Struct. Mech.	G	Norris	2	1.561 Adv. Struct. Mech.	G	Norris	2	2.011 Statics & Dyn.	2	Sloane
4	1.70 Hydrology	4	G. R. Williams	4	1.70 Hydrology	4	G. R. Williams	4	2.251 Fluid Mechanics	3-4	A. H. Shapiro
6	1.701 Hydrology & Water Power Eng.	4-G	Paynter	6	1.701 Hydrology & Water Power Eng.	4-G	Paynter	6	6.321 Prin. Elec. Comm.	4	Adler
8	1.72 Hydrology & Water Power Eng.	4	Kaye	8	1.72 Hydrology & Water Power Eng.	4	Kaye	8	6.535 Int. to Dig. Comp. Coding & Logic	G	C. W. Adams
10	2.43 Heat Engineering	4	Keenan	10	2.43 Heat Engineering	4	Keenan	10	M32 Elem. Statistics	2	Wadsworth
12	2.451 Adv. Eng. Thermodyn.	G	Norton	12	2.451 Adv. Eng. Thermodyn.	G	Norton	12	M591 Part. Diff. Equa.	G	Serrin
14	3.50 X-ray Metallurgy	4		14	3.50 X-ray Metallurgy	4		14	Special Examinations		

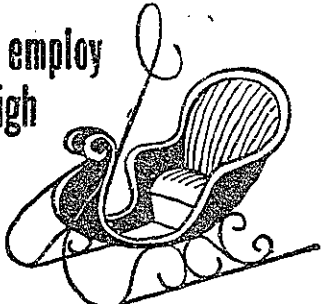
THREE HOURS ARE ALLOWED FOR EACH EXAMINATION. Copies of the Examination Schedule will be available in the Information Office, Room 7-111, about December 15. Extract from Catalogue, p. 40: "Each student is held responsible for obtaining an examination schedule at the Information Office, Room 7-111; for attending the final examinations required in the subjects for which he is registered; and for reporting any conflicts in his examinations before the time limit given on the examination schedule." In case of conflicts, students should follow directions on the examination schedule when it is issued.

LATEST COLLEGE SURVEY SHOWS LUCKIES LEAD AGAIN

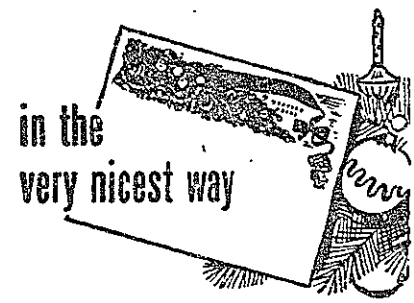


Don't rely on reindeer

Don't employ a sleigh



Just speed your season's greetings



in the very nicest way

No matter what else you do... say

"Merry Christmas!" by TELEGRAM

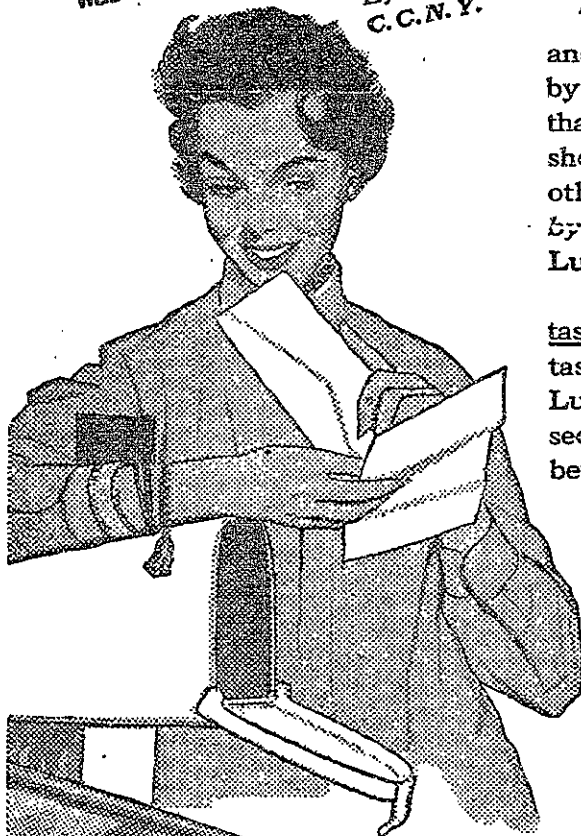
On any occasion it's wise to wire

WESTERN UNION

18 BOYLSTON STREET
Tel. Kirkland 7-8910

She hoped that he'd propose by mail,
And when she got his letter,
All he wrote upon the note
Was: "Luckies taste much better!"

Hyman Levy
C. C. N. Y.



Last year a survey of leading colleges throughout the country showed that smokers in those colleges preferred Luckies to any other cigarette.

This year another far more extensive and comprehensive survey—supervised by college professors and based on more than 31,000 actual student interviews—shows that Luckies lead again over all other brands, regular or king size... and by a wide margin! The No. 1 reason: Luckies taste better.

Smoking enjoyment is all a matter of taste, and the fact of the matter is Luckies taste better—first, because L.S./M.F.T.—Lucky Strike means fine tobacco. And second, Luckies are made better to taste better. So, Be Happy—Go Lucky!

She's got a red convertible
And flashy diamond rings,
Smokes fresher, smoother Luckies, too—
She likes the best of things!