l. LXIV, No. 43

CAMBRIDGE, MASS., FRIDAY, DECEMBER 29, 1944

PRICE FIVE CENTS

o-op Course n Electronics s Announced

New Elec. Eng. Option In Cooperation With Philco Corp. Is Added

lans for a professional course in ctronics, emphasizing applicans in television and highly veloped production methods, were nounced Wednesday by Dr. Karl Compton. The course will be held conjunction with the Philco rporation of Philadelphia.

Inder the new cooperative course, ich follows a plan established the Institute many years ago, selected group of students in the partment of Electrical Engineerg will spend alternate terms at chnology and at the Philco ants. The Institute's program of operative industrial engineering urses differs from other cooperare plans in that its purpose is a refully supervised integration of ofessional education in engineer- Retires January 1 g theory with specific industrial

During the terms when students e assigned to the industrial ants, they will continue part of e regular academic work required their Institute course and will so have special instruction dealg with their industrial activities. (Continued on Page 4)

lillel Society Will Hold leeting Next Wednesday

The Hillel Society will hold its ty Lounge. Officers are to be lurgy, was the chief speaker. ected at this meeting, which will ark the transfer of the Society's fairs from a temporary to a peranent constitutional basis.

A discussion group under the diction of Mr. Judah J. Shapiro will nfer on the subject of "American wish Affairs" next Friday, Januy 5th, at 5:00 P.M. in the Faculty unge. These series of discussions ill be continued throughout Januy on alternate Fridays.

Debating Society To Meet Columbia

Tech Men Broadcast Thursday Over WNYC

Technology will participate in a debate with Columbia University to be broadcast over station WNYC in New York City on Thursday, January 4, at 4:15 P.M.

Jack L. Uretsky, 6-45, and Herbert J. Hansell, 2-46, of the Technology Debating Society will take the affirmative of the question, "Resolved: that the federal government enact legislation requiring compulsory arbitration of all labor disputes."

Later that evening, the same men will again debate Columbia and will take the affirmative of the question, "Resolved: that the United States should adopt and maintain a planned economy after the war."

Chief Technology $|{m Telephone}\>{m Operator}\>$

Miss A'bina F. Ahearn, who has been Chief Operator in the Institute's telephone office for twentyeight years, will retire on January 1. Having served since May 1916, Miss Ahearn is well known to all members of the Institute staff for her cheerful and effective cooperation in conducting Technology's telephone system.

As an indication of the high regard in which Miss Ahearn is held by her associates, she was guest of honor at a dinner in Walker Memorial on December 18, at which Wolcott A. Hokanson, Assistant st business meeting Wednesday, Bursar, presided, and Professor muary 3, at 5:00 P. M. in the Fac- John Wulff, Department of Metal-

Special tribute was paid her by members of the staff and officers of the New England Telephone & Telegraph Company in 1942 when the Institute's system was changed to dial service. Serving more than 6000 persons through a thousand instruments of its own as well as more than a thousand of the Telephone Company, the Technology system now handles thousands of Massapoag Pond near Dunstable, calls daily.

Ruby Newman Will Play For I. F. C. January 26; Ticket Sales Start Soon

6,279 Technology Alumni Serve Now In Armed Forces

.At the present time there are 6,279 alumni of the Institute in the armed forces of the United Nations. Of this number, there are 3,983 Technology men in the U.S. Army, 2,093 in the U.S. Navy, 52 in the Coast Guard, 77 in the Marine Corps, while the 74 others are in the forces of allied nations.

Among the Institute's alumni in the war services are 74 generals, 27 admirals, and 1 commodore, most of whom are in war theatres of active operations. Two of the 96 alumni that have received decorations, Lieutenant General James H. Doolittle and Lieutenant Colonel Jay Zeamer, Jr., have been awarded the Congressional Medal of Honor. 71 former Technology men have been killed in the service of their country.

In addition to men serving in the (Continued on Page 4)

Tickets To Cost \$3.60 Dance Will Be Open Only To Fraternities

Ruby Newman's Orchestra will play for the coming I.F.C. dance, it was announced by Henry M. Morgan, 2-46, Chairman of the Dance Committee. The dance, which will be held on January 26 at 9:00 P.M. in the Georgian Room of the Statler Hotel, is open only to fraternity

Tickets for the dance, which are priced at \$3.60 will be sold exclusively through the individual fraternity houses. John J. Freiberger, 6-45, Chairman of the I.F.C., stated that questionnaires have been sent to all the fraternities on the campus regarding their membership. Ticket sales will start as soon as these are returned. It is expected that tickets will be available at the houses by Monday or Tuesday.

Ruby Newman is both well-known and popular around Technology, since his band has played for many dances here. Among his more recent engagements were the Senior Ball on October 27 and the Field Day Dance on August 26.

Tech Cabin Offers Students Chance For Weekend's Escape From Institute

and bored with studying, have escaped to the depths of the Massachusetts wilderness for a couple of days to gain a new lease on life. The place is the Tech cabin; the time, any week-end. This cabin is owned by the Technology Christian Association, and is made available free of charge to all Technology students. Eleven separate groups have visited the cabin since September 1, 1944. These are generally fraternity, dormitory, or Outing Club groups, but other parties frequently use the cabin.

The cabin, located on the shore of Massachusetts, is 36 miles from

Many Technology students, tired Technology. It is readily reached by bus, train, or car from the Institute. Some larger groups have even found it convenient-if somewhat uncomfortable—to hire a moving van to carry them and their accessories.

> The wood for the construction of the cabin was salvaged from the platforms used at the inauguration of President Compton and was hauled, with considerable expense and effort to the present site of the cabin in 1930.

The cabin has five large rooms and running water. The two downstairs chambers have sleeping accommodations for 14, while the up-

(Continued on Page 3)

The Tech

Vol. LXIV

Friday, December 29, 1944

No. 43

Managing Board

Dean Bedford, Jr., 2-46 Managing Editor Alan R. Gruber, 2-46

Associate Board

Noel N. Coe, 2-46 William F. Herberg, 2-46

Arnold S. Judson, 2-46 Ralph R. Scherer, 6-45

William H. Schield, 2-46 Arthur Schiff, 2-46 Robert G. Wilson, 2-46

Staff Assistants

Herbert J. Hansell, 2-46 Roberta Kohlberg, 2-46 Gregor F. Meyer, 10-46

Tony C. Nunes, 2-46 William J. Rapoport, 2-46 Harrison E. Rowe, 10-46

Joseph A. Stern, 10-46 Mary E. Sullivan, 6-45

Offices of The Tech

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

Business-Room 301, Walker Telephone KIRkland 1881

STUDENT SUBSCRIPTION, \$1.50 Per Year MAIL SUBSCRIPTION, \$2.00 Per Year

Published every Friday during College Year, except during College Vacation and the Third Week in October. Entered as Second Class Matter at the Boston Post Office.

HEP RESENTED FOR NATIONAL ADVERTISING EN National Advertising Service, Inc. College Publisher's Representative 420 MADISON AVE. ENTERED . BOSTOR . LOS ARBELES . SAN FRANCISCO

Member

Associated Collegiate Press Distributor of Collegiate Digest

Night Editor: David R. Israel, 2-47 Assistant Night Editor: Leonard J. Stutman, 2-47

VOLUME LXIV PASSES IN REVIEW

Every year about this time, the outgoing Managing Board of The Tech sits down to review the events of the year just passed and to declare that that year was the most important in Institute History. Not wishing to be different, the Managing Board of Volume LXIV pauses, looks back, and says, "Phew! What a year."

It was only last January that a five man board, headed by Bob Symonette, was put in charge of a full-sized The Tech, a paper that featured such things in its first issue as the retirement of Carroll Boyce and the taking over of the head T.E.N. post by Bob Gould, Joe Amrhein's election as 5:15 Club prexy, the choice of a February date for class elections, the selection of Vincent Lopez to play for the Sophomore Prom at the Bradford, the announcement by Lamar Field of the start of Senior Week ticket sales, and the Pete Quattrochi-headed committee's plans for a fair rushweek to greet the March class. The Spotlight featured the Senior Class Vice-President from the South, Lang Flowers, then acting Institute Committee head. Plans for an ill-fated All-Tech Sing were announced by the Baton Society. Navy life was featured in the column, 'Tween Decks.

Still in the month of January, Professor Magoun delivered his famous series of marriage lectures, Dramashop presented "The Man Who Came to Dinner," the redecorated Lounge Bar was reopened, the basketball team took Harvard in tow, another set of draft deferment rulings was released, Prof. Carl Peterson was appointed Superintendent of Buildings and Power, pictures and platforms of class election nominees filled the paper, Jim Waters turned in a record breaking 2:37.2 in the 200-yard bating Society triumphed over breaststroke as the Tech swimmers defeated Trinity, and a Norfolk Prison, and everyone re-

special page for the A.S.T.P. men stationed at the Institute was inaugurated.

That was January.

First Class Elections

Class elections turned up Johnnie Hull, Gerry MacKinnon, and Bob Grady at the head of their classes. King Cayce was named Walker Memorial Committee head and Jack Thompson became the A.A. prexy. Hal McIntyre was picked to play for the Senior Ball. Doctor Compton granted an exclusive interview to The Tech on his trip to the South Pacific. The Infirmary was temporarily moved to allow for the remodeling and expansion of its quarters. The V-12 Unit held a very successful boxing tourney. Fire ruined four bowling alleys in the basement of Walker an occurrence that eventually led to Ed Pung's putting in some "man-sized" pins. In the first graduation of the year, 288 students received their degrees. while Dr. Claude Fuess of Phillips Andover gave the commencement address. Bill Farrow was elected General Manager of Technique, the T.C.A. Blood Donor drive got under way, and 111 new freshmen were greeted with a brief combined on-the-campus Freshman Camp and rushweek.

The spring term started off with some 2,700 students registered, but the figure didn't stay there long. The Q Club decreed that all frosh should wear ties, while the activities planned a week of smokers for them. In an issue containing six news pictures The Tech switched General Managers in the middle of the stream as an indirect result of naval actions. The Tech Tourney was breaking all its past attendance records at the Boston The Coop advertised Gardens. that it might be issued a few slide rules and that students could sign up for them.

Record Breaker

Late in March Artie Schwartz broke the M.I.T. mile and one-half track record, the New Englands were held at the Alumni Pool with Tech just five points behind Williams, the winners. The A.S.T.P. quietly stole away, and The Tech introduced the use of the "Speed-Ray" for local sports action shots.

The month of April saw the reopening of Walker Memorial Dining Service and the official notification that there would be no spring vacation. Track records continued to go as Bub Bryant sliced almost two seconds off the 600 yard record. Dean Prescott was chief ambassador at the T.C.A. Embassy and three of the undergraduate dorms were occupied by some 211 civilian students. Professor Magoun gave his second series of talks, the De-

joiced with the announcement a two weeks' recess between term Novices again flocked to short school in preparation for the sun mer's sailing and The Tech pu lished the words and music of th new song, "Sons of M.I.T."

Service Flag Unfurled

The alumni press service fla presented by the Alumni Associa tion was hung in Building Sever At that time 5501 alumni were i service and 49 had given their live like The Navy V-12 Students were issue vil their rain-proof white hats, and i wasn't for several days that thei friends could recognize them. Bu Bryant became M.I.T.A.A. head while Carroll Boyce was tearin 0 out his hair trying to invent som way of picking an I.F.C. Queen.

The I.F.C. Dance was held Ma 12 at the Statler to the music o Jan Savitt. Miss Ellen van Deuse was chosen Queen. Dramashop pre sented "Holiday" and the trac team turned in a brilliant season topped by winning the New Engli lands on Briggs Field. The Tenni Team showed almost as well, goin undefeated until the last two meet

(Continued on Page 4)

THE BOSTON COMPANY

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



116-122 BOYLSTON STREE Near Colonial Theatre

Telephone Order Department HANcock 1561

Open Monday and Wednesda Evenings until 9

orm Pin Tourney egins January 8 5 Teams To Compete Mondays At Walker

he annual Dormitory Bowling irnament, sponsored by the Athc Committee, will go into its first nd Monday night January 8, at 0 P. M. at the Walker Memorial eys. Four five-man Hall teams compete then and every Monevening thereafter. King pins to be used. The teams entered l their captains are: Walcott, nald M. Whitehead, 6-45, Goodale, Eckhardt, 6-45, Wood, Jack J. zella, 6-45, Hayden, Sheung S. in, 2-46, and Samuel Gussman,

Indoor Track Trials Will Be Held Saturday

The first special trials for the indoor track season will be held this Saturday afternoon at 2 P.M., Coach Oscar Hedlund announced today. Trials will be held for the one and two mile relays and all of the regular dual meet events.

The following men have been asked to report this Saturday: Brace, Casey, Chapman, Crimmin, Collmuss, Dickey, Forward, Frazer, Goldie, Grant, Hickey, Hickler, Jenkins, Johnson, Jackson, Keegan, Luce, Martin, Mann, McDowell, McGrath, Poorman, Ray, Schultz, Serrie, Schindel, Shea, Umberger, Wangberg, Waltzer, Wilson, Wondrisco.

ormer Tech Man Battles London obbies In Wrestling Contests

ulged in by law-abiding citizens, from all parts of Britain. ptain David R. Goodman, '40, es it and gets away with it. Captain Goodman, former varsity estler is continuing his mat acities in the Army, entering amair bouts with Britishers, many of em London policemen. He reatly tied Fred Oberlander, British avyweight champion in a mat exoition at the Eighth Fighter Com-

Wins High Places

sistant commandant.

At least weekly Goodman comtes with British matmen. In a cent amateur tournament he alified for semi-finals.

and Headquarters where he is

He entered British wrestling cires as a result of a chance convertion with a village policeman who has been an enthusiastic patron day, January 3.

Although tussling with London of the bobbies' athletic haunt ever obies is a pastime not usually since and has encountered wrestlers

> Speaking with high regard for British capabilities, he said, "The men seem durable and very strong, not as quick as American wrestlers, but good workmen on the mat."

> While at the Institute Capt. Goodman was on the Elections, Junior Prom, and Senior Week Committees in addition to serving as Usher and Marshal at Field Day.

T.E.N. Will Go On Sale Wednesday And Thursday

Because of unavoidable difficulties connected with its printing, the December issue of The Tech Engineering News was not on sale last Wednesday and Thursday. magazine will appear instead on as also interested in the sport. Tuesday, January 2, and Wednes-

FENNELL'S

59 MASSACHUSETTS AVE., BOSTON IMPORTED and DOMESTIC WINES — LIQUORS AND ALES

Across the BRIDGE at Commonwealth Ave.

WE CARRY A COMPLETE LINE OF S. S. PIERCE'S WINES AND LIQUORS

KEN MORE **0222**

OPEN DAILY 9 A.M. TO 11 P.M.

OUR REFRIGERATOR CAPACITY IS 500 CASES OF COLD BEER AND ALE

Tech's Varsity Sailing Team Completes Successful Season

representing the most popular activity here at M.I.T., completed its best season in years early in November. Its most notable accomplishments were the winning of a quadrangular meet and a first place tie with the Coast Guard Academy in a triangular meet several months ago. Druing this past fall season the team won fourteen times and placed second once out of a total of sixteen regattas which gained them five trophies.

The success can be accredited to two things aside from the actual ability exhibited by the sailors. First, Dr. Allen R. Lukens, a graduate of Tech and an accomplished dinghy sailor took up the job of coaching. Second, suggestions made by R. O. Smith, formerly of M.I.T., concerning distribution of talent were followed and with success.

Bloomer, Worrell Stars

Of course, to have a good team in any sport, it is necessary to have men with ability. The sailing team had several such men. Lead-

Tech Cabin

(Continued from Page 1)

stairs room has enough for 26. The living room, which doubles as a dining room, is large enough for dancing. Of course, a radio is provided to supply the music. The room has a large fireplace with a big "T" inscribed in gray slate above the chimney. The kitchen is equipped with a wood-coal range and there is another stove in the living room.

Recently Prof. B. Alden Thresher provided a 200-pound locomotive bell for the cabin. It will eventually be installed on the roof to summon the hungry adventurers to meals.

Favorite indoor pastimes are table tennis, bridge, and other card games. In winter there are opportunities for skating and iceboating on the pond. When there is snow on the ground, the surrounding slopes beckon the hardier to go skiing, tobogganing, or snow shoeing.

Any student may apply to the T.C.A. Office for permission to take a group of as many as 40 people up to the cabin. The student manager, William M. Oard, 10-46, handles these applications.

The Tech varsity sailing team ing the Tech skippers is Charley Bloomer, 2-46, who has been sailing for many years and knows many of the tricks of the trade. Bloomer's partner was Dick Worrell, also 2-46, who is Commodore of the Nautical Association and one of the most able skippers in the Intercollegiate Yacht Racing Association. Behind these two come Leigh Brite, Mort Bromfield, Lawrence White, Daniel Greenbaum, Roger Emerson, and John Hansen.

> The team is justly proud of the record it made, especially after a winless spring season. Once again it is on top of the pile, a position it has held more than any other school. As graduations will be few, the team should easily continue at the winning pace it set this last

M. I. T. Squash Team Wins One Of Three Matches

The Squash Team held three meets this week in the courts behind the swimming pool. Tech was victorious in one of the three matches.

The M.I.T. Reds lost in a hardfought match to the Blues of the University Club. Toperzer of Tech lost to Cobb 3-0. Scherer of Tech defeated Webb 3-0 in a grueling game, but Urbina of the University Club defeated Read, 3-0.

The M.I.T. Whites were defeated by the University Club Whites in three matches, all by 3-0. Dorflinger, Wright, and Bothfield were the members of the M.I.T. team. The only win of the week was scored by the M.I.T. A's against the Union Boat Club Whites. Parker of the Union Boat Club defeated Hewson, 3-0, but Sonnabend and Peirce of Tech defeated Pinkham and Koehler. 3-0 and 3-1.

A chance for YOU to work on the advertising staff of THE TECH.

Superb chances for rapid advancement Call at THE TECH office Thurs.

or Fri. afternoons after 4:00 p.m.

V-1 Bomb Display To Be Exhibited In Building Seven

An exhibit on the "Robot Bomb", the newest weapon of modern warfare, will be placed in the Lobby of Building 7 this weekend. The material, which was obtained through the British Information Services, consists of a colored sectioned model of the bomb and a group of photographs depicting the various methods of defense used in combating the menace and the scenes of the destruction it has wrought.

A description of the functions of many of the vital parts of the 'buzz bomb" will accompany the model. Due to the other demands for it, the exhibit will be here only until January 7.

Alumni In Service

(Continued from Page 1)

armed forces, thousands of Technology engineers and scientists are contributing directly to the war effort in industrial engineering posts and in various technical activities. Raymond Stevens, president of the Alumni Association, in referring to these alumni has said, "The work of these men has been apparent in tangible form on almost every fighting front. They work behind the cloak of secrecy and the full significance of what they have accomplished cannot be revealed until the war is over."

THE WAR HASN'T BEEN WON YET!

OUR ARMED FORCES NEED MORE PLASMA THAN EVER BEFORE

Make an Appointment For a Blood Donation at the

BLOOD DONOR DESK

ROOM 7-111

Glee Club Plans Pembroke Concert

The Glee Club Concert, which will be held at 8:00 P.M. on Saturday, January 13 with Pembroke College in Walker Memorial, will be the last of these affairs to take place at the Institute this term. The Glee Club has arranged to have Reuben Moulds and his Orchestra play for dancing to be held after the program. Tickets for the affair will cost \$1.00 and may be obtained in the Lobby of Building 10 during the week before the concert.

Two other concerts are scheduled for this term. The first will be on Friday, January 19 at Mt. Ida Junior College in Newton Center. The other is to be held on Friday, February 2 with Lasell Junior College at Auburndale. Special liberty has been obtained for Navy men.

Although the Glee Club has increased its membership considerably this term, new members are still welcome. Rehearsals are held in Room 1-390 on Tuesdays from 7:00 P.M. to 8:00 P.M., and on Thursdays from 5:00 P.M. to 6:00 P.M.

Electronics Course

(Continued from Page 1)

Plant experience will thus be thoroughly integrated with professional theoretical instruction. Under this cooperative plan of professional training, students upon graduation are already familiar with the fundamentals of industrial methods and policies, and well aware of what is expected of them as practicing engineers.

The Philco Corporation specializes in highly-skilled engineering and mass production methods in the manufacture of radio and other electronic devices. The new course is to be established as an option in the department of Electrical Engineering, which has conducted parallel courses for more than 25 years in conjunction with the General Electric Company, the American Telephone and Telegraph Company, the Boston Edison Company, the Boston Elevated Railway,—and the General Radio Company.

Cambridge Street Map Available Through T. C. A.

A street map of Cambridge, printed by the Cambridge Chamber of Commerce, is available to the student body, and may be obtained at the T.C.A. Office in Walker.

The map covers a three mile radius, centering about City Hall, and features historical and educational points of interest.

1944 IN REVIEW

(Continued from Page 2)

of the season. The crew lost a heart-breaker to Navy by a foot, then went out to soundly trounce the boys from up the river. The other outstanding sports event of the spring term was The Tech's cound lashing of the Voo Doo aggregation in what was politely called a baseball game.

V-12 Ball Held

The V-12ers held an Anniversary Ball at the Statler to the music of Boyd Raeburn. Doctor Compton announced a changed curriculum tailored to better fit Technology graduates for positions of responsibility in the post-war world. Two nundred thirty-seven Army meteorologists were given their commissions in an impressive ceremony.

The summer term welcomed a class of 478 freshmen at a quiet Freshman Camp held on the campus. For a change, the counsellors won the annual softball game. The total enrollment at the Institute had dropped to 2,274. The second block of three dorms was reopened. The Lecture Series Committee was organized, the Infirmary at last opened its new doors, and Technique was promised for the end of August. Twenty-four Chinese Naval officers arrived here to study.

Activities Revived

The Dormitory Committee was reorganized under Lloyd Balsam and the Beaver Key Society, under Ed Kelley, planned an extensive softball tournament. Plans for Field Day were laid, including the traditional dance in Walker. The All-Tech Smoker was revived with Edward Bowles as guest speaker.

Field Day came along with an unusual lack of spirit and fights until the glove (this year, sock) fight got underway. The only event the frosh managed to capture was the tug-of-war. Ruby Newman supplied the music for the dance afterwards. Dick Mooney took over the Junior Class Presidency for a couple of months.

Several weeks of dismally hot weather were partially forgiven when an unexpected Labor Day holiday gave Tech men a chance to recuperate. Governor Saltonstall came here for a speech, and the sailing team started turning in an impressive string of victories and trophies. Dramashop gave its third play of the year, "Dr. Jekyll and Mr. Hyde."

Crew Triumphs

Tempers soared high and then fell as a committee was formed to

serve as an intermediary between the Walker Dining Service and the student body. Several Class I activities were reorganized as the Institute slowly pulled out of it lowest war and summer lull. Coach Bob Moch turned in his resignation because of his health as the crews again swept Harvard off the river. The Junior Prom week-enfeatured Bobby Sherwood at the Statler.

Second Class Elections

The year's second class election turned up John Hull, Gerry Mad Kinnon, Jim Craig, and Fran Jones as Class Presidents. Jak Freiberger was given the head poson the I.F.C. Ruby Newman playe for a small Senior Ball, and Bradle Dewey gave the commencemen address to 212 students at the year second graduation exercises.

The fall term found the enrol ment down to 2,064, with Ger Mackinnon among the missing. third election of the year resulte in Kirk Drumheller becomin Senior Class Prexy. Sherry In took over the head dorm post. The Outing Club, Glee Club, Debatin Society, and other class B activities and professional societies launche extensive programs, lectures, meet and tours. Doctor Compton told in post-war plans, including the builting of a new library.

Christmas Party

Edward Stettinius, a member of the Technology Corporation we appointed Secretary of State of the United States. The Dormitory Committee sponsored a Christmas Par in Walker Memorial. The evening featured Jack Teagarden's must and special holiday decoration Finally, three 5:15ers won a \$3 radio treasure hunt.

That briefly, is what happen in 1944, during Volume LXIV short life span. No one can jud now how important these even were. They seemed important us as we spent the year bringing them to you readers.

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 testinonies of Christian Science healing.



Reading Rooms—Free to the Public, 8 Milk St.; 24 Bayliton St., Little Building, Street Floor; 60 Norway St., corner Massachusects Ave.; 1316 Biscon Street, Coolidge Corner, Authorized and approved literature on Christian Science may be read or obtained.