Registro Is 311 Below Last Year's Figures

Spring Forecast Vindicated As Franklin Registration Drops Sixty

There are 313 fewer students in the college now than there were last year at this time, according to figures compiled last Wednesday, when the senior registration had reached the total of 2,928. Enrollment will not decrease several weeks, however, for special classes of students.

This decrease was not a surprise to the administration, as it had anticipated some time last spring. At that time a forecast was made concerning the possible registration this fall. Their predictions, up to the last reports, have proved very accurate.

The freshman enrollment, according to present figures, has reached the total of 375, with a decrease of sixty men, while the junior registration this year stands at 619, forty more.

The register office is now open for the registration of the seniors.

Professor James B. Chipman will address the gathering. Doctor Chipman, who has been very successful in his work, is a professor of law and a professor of education.

OTHER STUDENTS LISTED

Professor Robert E. Rogers of the Department of English will be the principal speaker at the All-Technology smoker next Friday evening. The smoker, which will be held in the Memorial Dining Hall, will be addressed by the Advisory Committee on athletics, who will be present at the smoker, and Professor William G. Curran will speak.

In addition to Professor Rogers, several other popular students will be present at the smoker. It is estimated that there will be some speculation as to the identity of the student who will make the opinion on the nature of several old signs which are to beľ.

All students who are present at the smoker will be admitted on account of the smoker.

Billings Speaks On Publications

Mr. K. Billings, who is the editor-in-chief of the student publication, will probably go into some detail concerning the matter.

Hoyen Will Hail Candidates For Combined Clubs

Strenuous Year Planned For Medical Students, Combined Clubs

After a successful season in Vineyard Haven, the Medical students of the Institute will be held in the New England Council meetings, which will be held in New England.

Mr. Hoyen, who is the head of the medical students at the Institute, will be present at the meeting of the Medical students.

The medical students of the Institute, who are Unitarians on the T. C. A. directory, have been very active in the formation of the club.

The club, however, is not necessarily restricted to Unitarians.

Mr. Hoyen, who is the editor-in-chief of the student publication, will probably concern himself with the students for, and plans to continue his work here next year, will also address the candidates.

Plan Active Year

At the meeting today, the candidates will be introduced to the members of the combined clubs, and will have an opportunity to acquaint themselves with the administration of the club, and join in the activities.

The TECH will publish a Fraternity Pledge List.

This will be published in the next issue of the TECH. The TECH will publish a Fraternity Pledge List.

List Pledge Petition for each fraternity who has a large number of members in the middle school, and will also have an opportunity to acquaint themselves with the administration of the club, and join in the activities.

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The Tech
Monday, October 3, 1932

Curtis Robin added to Meteorology Equipment of Institute at Airport

Glass Enclosed Section, New Instruments, Salient Features

Flight tests at high altitudes are being made at the East Airport, part in an airplane specially adapted for scientific research and occupied by the staff of the division of meteorology.

This plane, a Curtis Robin powered with a 650-horsepower Challenger engine, is part of the new meteorological technology in meteorological studies and will be furnished by the Division of Meteorology at M.I.T. The equipment which has been transferred into a compact laboratory, includes instruments for making records of temperature, pressure and wind direction.

The unique feature of the ship is that one section near the pilot's seat is completely enclosed in glass, giving virtually unobstructed vision in every direction. A specially designed hatch in the top of the fuselage just behind the pilot will permit an observer to stand up for unobstructed vision above the ship.

Fleets Last All Winter

Last winter and during the spring field trips to a height of 15,000 feet were carried out and much valuable data was thus accumulated. With the new and larger planes, to which has been added new devices for photographing the sky, flights of nearly five miles above normal planes are planned.

The new research ship is a monoplane with yellow wings and a tricycle undercarriage. Its tail balances a bearing, and its body is a streamlined fuselage, which reduces drag. It is of the Technology model, which will add to its identity by ground observers, and the letter M. I. T. are painted on the right wing.

All Known Instruments Carried
The ship carries every instrument of navigation known to aviation. The various operating instruments are mounted on one panel, while on another panel the compass, artificial horizon, directional gyro, the turn and bank indicator, and the moveable compass are placed. The various operating instruments are mounted on one panel, while on another panel the compass, artificial horizon, directional gyro, the turn and bank indicator, and the moveable compass are placed. The various operating instruments are mounted on one panel, while on another panel the compass, artificial horizon, directional gyro, the turn and bank indicator, and the moveable compass are placed.

HOW TO AVOID BONERS

The United States is located in the TEMPERATURE ZONE

Poor Billy Boner—be just a bit more careful next time you talk to a person who is out of sorts. Here are some tips on how to avoid boners:

1. Keep your mouth shut. It's better to say nothing than to say something.
2. Avoid controversial topics. Stick to safe subjects like the weather or the stock market.
3. Be patient. Allow the other person to express their feelings before trying to talk to them.

If you're not already an Edgeworth smoker, you're missing something amazing. Our new Edgeworth soft, mellow blend of fine old tobaccos is distinctly different. You'll know—after the first puff.

Edgeworth Smeaking to the CCO

Annual Subscription To The TECH

Means $2.50 Today

Single copies cost you 5c each on newstands

If you wish to take advantage of the 46% savings offered now, buy your subscription to The Tech at Room 302, Walker Memorial, any afternoon from 1 to 5 P.M. Subscribers may receive their copies from newstands or in their dormitory mail-boxes.
Cabin Plane Now Makes Daily Trips To Upper Stratford

Meteorology Department Uses Modern Instruments in Research

The Technical Institute's county airfield will work out over the Harvard campus this Saturday afternoon, in cooperation with the Charles River Aviation Club. The all-day-and-dinner's initial test is a cooperative meet with Harvard and Dartmouth. The flight path will be run over the Charles River in Boston, through Cambridge, New Haven, Connecticut, and New York. The return trips are also scheduled.

The research already begun and to be continued this winter includes observation of cloud formation and the movement of air currents in the stratus formation with a view of locating a few thousand feet above the earth's surface.

These research flights make possible studies which are expected to give meteorologists a better understanding of the general circulation of the stratus atmosphere.

The purpose of this research is to study various conditions for miles above the land.

Co-operate With Course VII

Further studies of unusual interest are to be carried out in cooperation with members of the staff of the department of Physics at Technology. This work concerns the existence of insects, bacteria and the spread of fungus plant diseases in the upper layers of the atmosphere. Preliminary studies reveal that some insects and bacteria and molds are to be found at some altitudes as high as 15,000 feet above the earth, their natural habitat.

At the earth's surface was captured 3000 feet above the forests of southeastern New England during a flight in cooperation with scientists who are studying gypsy moth control.

This research program is being carried out under the direction of Professor C. A. Royce, head of the division of meteorology at Technology. In direct charge of the studies is Mr. E. O. Nage, master internationally for his contributions to knowledge of the behavior of air currents. He is particularly well-known for his meteorological knowledge in connection with soaring and gliding flight in Germany, and this summer gave valuable assistance during the American glider flights near Woburn, N. Y.

Professor Daniel C. Sperry is research pilot and will make flights five days a week, while Lieutenant H. Harris, relief pilot, will fly on Saturdays and Sundays.

All regular flights will be made between 10 a.m. and 11 a.m. except those made in connection with other investigation, observation, or instruction.

Tickets for the event, which are expected to sell out at a fast rate, will be available at the box office in Technology Hall at a cost of $1.00 each.
turkey dinner.

...the Smoker and become more fully acquainted with its operations. The activities and sports are an annual feature, while the publications will have as their champion A. W. K. Wemple on a par with the Institute Photographers. Whether these few will be able to interest enough men to make the production of a show possible remains to be seen. If enough interest can be aroused within a short time, we think the activities and sports are an annual feature, while the publications will have as their champion A. W. K. Wemple on a par with the Institute Photographers. Whether these few will be able to interest enough men to make the production of a show possible remains to be seen. If enough interest can be aroused within a short time, we think the activities and sports are an annual feature, while the publications will have as their champion A. W. K. Wemple on a par with the Institute Photographers. 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Cabin Plane Now Makes Daily Trips To Upstrratta

Meteorology Department Uses Modern Instruments In Research

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Pro£essor Rogers Will Address Tech Smoker

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Faculty Reception Given by Comptons

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Gym Team Will Put on Exhibition of their Work for the New Men

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Start Earnest Preparation For Field Day

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Many Freshmen Turn Out

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ESsUCTION OF FRESHMAN MAD

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TIECH SHOW V INa '33

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STODDER MEN'S SHOES

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Research Department and Public Health

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T. C. A. Not To Blame

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STODDER CIGARETTE

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Satisfied ... all you could ask for!

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Techfield

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COES AND STODDER

10 TO 14 SCHOOL STREET

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Page Three
CATHOLIC CLUB BALL TO BE HELD OCT. 12
Acquaintance Dance Changed to Discovery Dance
Unaccustomed "hometown" males will have been given their chance at the coming Discovery Dance scheduled for October 12th. This opening function of the Catholic Club, one of the few active bodies in Technique's student social organization, has been renamed from the Acquaintance Dance of former years.

Charles M. Parker, '34, has been designated to serve as chairman of the dance committee at the last regular monthly meeting of the club.

Webster's Collegiate

The Fall of Constantino
e


THE FALL OF CONSTANTINOPEL

"Christians in the East" has been portrayed by Thomas Webb; it could possibly be the result of the siege of Constantinople by the Turks in 1453. The Turks, under the command of Sultan Mehmed II, crossed the Bosphorus Strait and captured the city, which was the capital of the Byzantine Empire for over a thousand years. The fall of Constantinople marked the end of the Byzantine Empire and the beginning of the Ottoman Empire.

— and raw tobaccos have no place in cigarettes

They are not present in Luckies...the mildest cigarette you ever smoked

We buy the finest, the very finest tobaccos in all the world—but that does not explain why folks ask us where Lucky Strike 90s are the mildest cigarette. The fact is, we never overlook the truth that "Nature in the Raw is Seldom Mild"—so these fine tobaccos, after proper aging and mellowing, are then given the benefit of that Lucky Strike purifying process, described by the words—"It's toasted". That's why folks in every city, town and hamlet say that Luckies are such mild cigarettes.

"It's toasted"

That package of mild Luckies

RAW TEXT START

Page Four

CALENDAR

Monday, October 3
7:00 P.M. — Meeting of Departmental Presidents in Walker Gym.

Tuesday, October 4
5:00 P.M. — Freshman Meet in Room 10-250.
5:00 P.M. — Junior Club Meeting at noon, Walker Memorial.
5:00 P.M. — E. E. A. Social Union Meeting, North Hall, Walker Memorial.

Wednesday, October 5
4:30 P.M. — T. C. A. Committee Meeting, Faculty Dining Room, Walker Memorial.
5:00 P.M. — Sophomore Meet in Room 10-250.
5:00 P.M. — Tennis Match, Walker Memorial.

Radio Expert Says Television Is Not Ready For Public

Explains Shortcomings In New Issue of Technology Review

From the striking photograph on the cover, to "News From The Classes" on the last few pages, the current issue of Technology Review presents no scatter and interesting matter as is rarely found in Institute publications.

The journal features an appraisal of television by J. Warren Horton, "author of the General Radio Co., and a former staff member of the Department of Physics. Mr. Horton feels that while television is a reality technically, it still fails the pocket-book test. He devotes most of the article to demonstrating how different forms of information, i.e., the spoken word, photographs, may be reduced to common terms for the purpose of rigorous comparison. Although the Chinese have long held that "One picture is worth a thousand words", the author of the article proceeds to prove that a "typical 9" by 9" picture is equivalent in information content to 100 spoken words. "Looking 'Round the Corner" meets optimists with bare fact and concludes that as it stands now, television cannot be brought into extensive use.

Recent Eclipse Discussed

J. C. Boyen, an Institute Research Associate, discusses in his timely "Eclipse — 1932 Style", what the most recent eclipse meant to science. Essentially the article is an outline of solar spectroscopy, while the author says little of actual results of observation, as most of the observers saw nothing on account of the weather, and it is too early to learn the results of the few exceptions.

Edward H. Cameron says the engineer on the back and tells him the depression is over and that he will be a prominent position in the prospective recovery. He is succeeded by Thomas D. Perry in a cinematic example, the "Need for Engineers in the Woodworking Industry". While the tone of the article is effusively optimistic, it is noted that statistics were produced to common terms for the purpose of rigorous comparison. Although the Chinese have long held that "One picture is worth a thousand words", statistics were proved interesting as many of the achievements.

The Trend of Affairs reports on the depression by the depression; the timing concerns used at the Olympics; the saving of surfaces by rubber, and a stimulating of this month's engineerings achievements. A report from the Class of '32 proved interesting as many of the ex-students were well known to this year's superlatives, and completed an excellent, professional-appropriate October issue.

H. S. M.

Camp Snapshots Wanted

All men who took photographs or snapshots of any sort at Camp Massapequa last weekend are requested to bring them to the Technique office, top floor of Walker, as soon as possible. The photographic department plans a page or two in the Year Book, and since it is probable that some of these pictures will not reach this issue, it is advisable to get an early start.

James W. Vicary '33 Announces Schedule Of Corporation XV

Plans to Include Speakers, Business Topics and Investment Work

That a definite program for the year will be presented within two weeks by Corporation XV, the Gugges XV honorary, and will be followed by an intensive membership drive in an effort to increase the active members to 150, was revealed by James W. Vicary, '33, the Corporation's president, last Saturday.

Plans for the year will include monthly speakers on business topics, and definite programs for the Stock Speculation Contest and the Mid-year Industrial Tour held under the organization's auspices. Corporation XV is a legal corporation, incorporated under the laws of Massachusetts. Its purpose is to carry on any business of interest to the student members. Each member is a stockholder, with one share of stock in the Corporation. Two of the more important events on the schedule are the Stock Speculation Contest and the Mid-year Industrial Tour. In the contest each member is allowed a hypothetical capital profit from his investment due on the several days of the Mid-year Industrial Tour.

THE TECH

Monday, October 2, 1932.

CALAMITY JAMES W. VICARY '33 ANNOUNCES SCHEDULE OF CORPORATION XV

Reports on Hoover Dam

"The Trend of Affairs" reports on the depression by the depression; the timing concerns used at the Olympics; the saving of surfaces by rubber, and a stimulating of this month's engineerings achievements. A report from the Class of '32 proved interesting as many of the ex-students were well known to this year's superlatives, and completed an excellent, professional-appropriate October issue.

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Recommended by the English Department of Massachusetts Institute of Technology