

The Tech

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PRICE THREE CENTS.

NEW CATALOGUE READY.

More Foreign Students This Year. — Smaller Total Registration.

The forty-first volume of the catalogue of the Institute has just been issued, and contains much valuable information regarding the number of students enrolled this year, and also regarding alumni statistics.

The total number of students enrolled is 1466, a decrease of 95 from the number enrolled last year. The decrease is caused principally by the smaller number of men in the freshman class, their being 215 regular students in 1909 as compared with 298 regular students enrolled with 1908 last year. The falling off in the first year class is due primarily to the additional requirements in the entrance examinations. Both French and German are required, and Physics was this year added to the list. The requirements in Algebra have been especially increased. The effect of these advances has been to retard preparation and to delay admission, while the proportion of failures has been increased.

The number of foreign students is larger than ever before. Sixty-two men have come to Technology from all parts of the world. The countries represented are Porto Rico, Brazil, Ireland, Cuba, India, Italy, Turkey, Denmark, Scotland, England, Canada, France, Chili, Uruguay, Egypt, Japan, Armenia, Mexico, Australia, Transvaal, China, Hawaii, Peru, Bermuda.

The number of young women attending Technology is twenty-two.

The instructing staff numbers 188, besides a large number of special lecturers and instructors. The instructing staff is composed as follows: 35 Professors, 15 Associate Professors, 24 Assistant Professors, 66 Instructors, and 48 Assistant Instructors.

There are now 3390 graduates, a large proportion of whom are engaged in technical work. 244 men graduated in the class of 1905, and this year's class is much larger.

JUNIOR PROM COMMITTEE.

Nominations for the Junior Prom Committee, signed by ten members of the 1907 class, will be received by the Election Committee at the Cage up to 4 o'clock Friday, Dec. 15. A meeting of the Election Committee will be held at 1 o'clock Monday, Dec. 11, in 11 Rogers.

ROUND TABLE ELECTIONS.

Six Freshmen were elected in the Round Table at the regular December meeting of the club. The men were J. J. Elbert, M. Flagg, F. B. Wood, A. K. Mitchell, A. G. Kellogg and M. J. Turnbull. They will all be duly notified of their election and will be initiated on Saturday evening, Dec. 16, 1905.

Jack London lectures on Socialism at Harvard to-morrow.

TELAUTOGRAPH.

Machine Which Will Fac-simile Hand-writing at a Distance.

A meeting of the Electrical Engineering Society was held Thursday evening, Dec. 7, in Room 6, Lowell, about ninety members being present. The business meeting was called to order by President Wetterer at 7.40. After the transaction of the routine business the Society discussed the finance question and voted an assessment of one dollar. The following new men were admitted: E. F. Whitney, J. C. Keeling, B. C. Gupta, P. P. Greenwood, J. N. Baker, J. Evans and H. S. Percival. The president asked the opinion of the society as to the advisability of holding frequent meetings for informal talks by members on outside technical work, and from the enthusiasm displayed these should prove eminently successful. The excursion committee announced a visit to the Holtzer-Cabot motor department on Saturday, Dec. 16.

President Wetterer then introduced Mr. John L. Jones, VI, 1903, a former member of the society, who in a very interesting paper traced the development of long distance communication from the telegraph, through the old writing-telegraph and the telephone to the telautograph, that wonderful instrument capable of reproducing a fac-simile of a person's handwriting at any distance up to five hundred miles.

By means of an elaborate black-board diagram and two equipments set up on the electric table, the actual working was clearly shown for both the transmitting and receiving instruments. Incidentally one realized the tremendous mechanical difficulties which had to be overcome by Dr. Gray and his assistants in perfecting the apparatus. Mr. Jones brought out the many advantages of the telautograph, its use by the government in naval and fortification work, by railroads, banks, brokers and department stores, and particularly the permanent irrefutable record in the sender's own handwriting of any message it transmits.

While refreshments were being served, those present kept the "wires hot" with all sorts of messages ranging from original poetry to vector diagrams. A message of thanks was sent through the instrument, signed by the members, and presented to Mr. Jones as a souvenir of the occasion.

PENNSYLVANIA CLUB DINNER.

There will be a dinner of the Pennsylvania Club at the Tech Union tomorrow evening at 6.30 P.M. All Pennsylvania men are invited.

1909 DINNER.

There will be a Freshmen Class dinner Monday, Dec. 18, at 6.30 P.M. at the Union. Tickets may be obtained of Godfrey and Wentworth.

FIRST KOMMERS.

Enjoyable Meeting Opens Season. — Fifty Present.

No special program of speeches or class "stunts" had been laid out for the first of this year's Kommers, held Saturday evening, but the fifty men present testified to its success as a sociable pleasant time.

The customary singing of Tech songs was joined in by all.

It was announced that the House Committee of one from each class would be named in a few days.

M. V. Coes '06 was the presiding officer.

TWO GAMES TONIGHT.

Another double header will be played in the new gymnasium on Garrison Street tonight at 8 P.M. The 'varsity Basketball Team will meet Tufts, and the second team will play English High School.

The result should be two fast, exciting contests. The Tufts team has been practicing longer than Tech, and therefore has some slight advantage. But the splendid showing of our team last Wednesday evening makes us confident that it can hold its own with any college team.

English High School has also put out a fast, scrappy team, and their game with the second team should be closely contested from start to finish.

Both the 'varsity and second teams will probably line-up as in Wednesday's games.

As this is the last game at home before the Christmas vacation, it is expected that the attendance will test the capacity of the gymnasium.

THE SOCIETY OF ARTS.

The 616th regular meeting of the Society of Arts will be held in 22 Walker, Thursday, at 8 P.M. Prof. Robert H. Richards will address the society on "The Treatment of the Black Sands of the Pacific Coast by the United States Geological Survey." The lecture will be illustrated by lantern slides.

MODERN LANGUAGE ASSOCIATION.

Prof. Frank Vogel presided as chairman of the Boston Group of the New England Modern Language Association at a meeting held Saturday at 1.45 in 23 Walker. Prof. J. Bigelow, Jr., presented a paper on "Modern Language Teaching." The other speakers were: Louis W. Arnold, Boston Latin School; Dr. Julius Goebel, Harvard; and Paul Grossman, Simmons College.

Judging from the result of the recent football conference held in New York, when a resolution declaring that the game should not be abolished, but should be reformed, was carried by a vote 15 to 8, inter-collegiate football is not yet ready to die.

CALENDAR.

MONDAY, DECEMBER 11.

4.15 P.M. Regular Gym Classes begin at the Gym.

8.00 Basketball Games at the Gym. Varsity vs. Tufts. Second Team vs. English High.

TUESDAY, DECEMBER 12.

6.30 P.M. Pennsylvania Club Dinner at the Tech Union.

7.45 P.M. Hockey Practice begins at the Gym.

8.00 P.M. Chess Match, M. I. T. vs. Press Club at the Press Club Rooms.

WEDNESDAY, DECEMBER 13.

4.00 P.M. Second of Series of Choice of Course Lectures in Huntington Hall.

4.00 P.M. Second of Series of Readings by Prof. Swain in 6 Lowell.

7.30 P.M. Mining Engineering Society Smoker at the Tech Union.

FACULTY NOTICES.

FOURTH YEAR.—The final examination in Hydraulic Measurements will be held on Saturday, December 16, from 2 to 4 P.M. in Room 50 Eng. A.

NOTICES.

HOCKEY.—The Hockey Team will practice tomorrow evening (Tuesday) at 7.15 in the Gym. There will be chest weight exercises and a run after the regular Hockey practice. All candidates must have running clothes with them.

TECHNIQUE.—Mr. Page will meet all the men who are doing art work for *Technique* tomorrow (Tuesday) afternoon at half after three. The place of meeting will be announced later on the bulletin boards. The men will bring all work, both finished and unfinished, so that it may be properly criticized.

TECH SNOW.—There will be a meeting of all those interested in writing lyrics or music for the coming Show on Thursday, Dec. 14, at 4 o'clock, in Room 34 Rogers. It is not necessary to be able to compose music, but come and bring your ideas.

CHANCE TO LEARN TACTICS.

All students of the Institute of medium height, or over, who are interested in military affairs, are invited to join the Massachusetts Corps of Coast Artillery. An excellent opportunity is afforded to learn both artillery and infantry tactics, to become familiar with the latest forms of ordnance, and to practice gunnery with large and small arms at long and short range. Drills weekly except in August and September. Camp duty, one week in July at some fort near Boston, an instructive and pleasant summer outing. For full particulars inquire of J. H. Leavell '07.