

**THE**

**TECH**



**Vol. 22**

**No. 15**

**February 12  
1903**

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# THE TECH

VOL. XXII.

BOSTON, FEBRUARY 12, 1903.

NO 15.

## THE TECH

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GRAFTON B. PERKINS, 1905, *Assistant Editor-in-Chief*.  
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*For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.*

*Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.*

*All communications with the Alumni Department should be addressed to the Alumni Editor.*

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### THE RIGHT TO SELL.

**T**HE matter of granting the Institute the right to sell the land it now occupies has at last come up before the Legislature, and a committee has been appointed to hear objections. The original grant was that the land should be the property of the Institute so long as it was occupied for educational purposes, reverting to the State upon cessation of such use. Nothing definite can be accomplished in regard to changing the location of the Institute until this important question is decided.

### WITHDRAWALS.

**A**LTHOUGH this year's entering class surpasses all predecessors in size, the number who were requested to withdraw with the beginning of the second term is far below that of any former class. This has special significance in connection with the closer marking of the entrance examinations, for previously students were admitted who were really not qualified to attain, in their courses, the high standard required later, and when asked to withdraw they blamed the Faculty, not without some justice, for the leniency which placed them in that position. It is a poor rule that does not work both ways. The more exacting entrance requirements may shut out some who are capable of going through the Institute with credit, but in the long run is it not better to make the entrance markings correspond with those which are to follow.

### EXAMINATIONS.

**U**PON reviewing this year's examinations and comparing them with those of the past, one is favorably impressed by the increased predominance of practical questions, problems an engineer has to meet, over the abstract, theoretical questions, whose conditions are generally never met with in practice. This may be, of course, simply a happy coincidence, but we hope not. Theoretical considerations are perfectly proper, indeed essential, but in examinations, unless they are subverted in favor of the practical, they will lead to an erroneous emphasis of the term's work.

ON Saturday last the reports were sent out from the Registrar's office, and on Tuesday we took up the old work once more. Now, after three days of routine, lecture following recitation and recitation following lecture, the pleasures of the vacation have become dim memories of the past. The skating excursions, the pleasant calls on old friends and companions, the long walks in the clear, frosty air, the tramps afield with dog and gun, all have been forgotten, crowded out of mind by visions of tabular views and section slips.

Now we settle down to four months of solid work. June seems a long way ahead, but the time will be agreeably broken by the short spring recess, and by the festivities of Junior Week. The Freshmen now penetrate the mysteries of "Descrip," and the Sophomores will begin the Integral Calculus. Many of the Seniors have already plunged into their thesis work, and the others will commence at once. THE TECH wishes nothing but success to them all.

#### The B. A. A. Games.

To-morrow, in the B. A. A. games, Tech enters in one of her most important athletic events of the year. Nineteen men all told represent our team, being the largest number ever entered by Tech in one of these meets, and second in this meet to Harvard alone. As usual, the relay race with Bowdoin, our last year's rivals, will be our most important event; and nothing has been left undone to make our team as successful as last year's. Since December, a large squad has been training constantly, and has been gradually narrowed down until at present but six remain to represent the team. These are: H. L. Williams, '06; M. A. Coe, '06; R. P. Nichols, '05; R. D. Emerson, '05; L. B. Turner, '05, and F. B. Riley, '05. Since Feb. 1, the above men, together with a few of the most promising of the other candidates, have been at a train-

ing table at the Hotel Oxford, and have been running mornings at the Cambridge outdoor board track, and practising starts and sprints afternoons in the Gym. Though the above are mostly green men, the times made in their trials were so good as to warrant high hopes of success, averaging about a second faster than the trials of last year, and falling very little short of the Harvard Varsity trials. Bowdoin, on the other hand, has practically the same team as last year, and should put up a good race, but considering her decisive defeat then, and the improvement of our present team, we look on the result with confidence. In the other events outside the relay, the most promising men are J. W. Williams in the 40-yd. novice and handicap, and F. B. Riley in the 1,000-yds. Below is a complete list of the entries:

- C. Lang, '04, 40-yard novice and 40-yard handicap.
- H. S. Kindell, '06, 40-yard novice and 40-yard handicap.
- C. R. Boggs, '05, 600-yard run.
- J. W. Williams, '06, 40-yard novice and 40-yard handicap.
- R. P. Nichols, '05, 40-yard handicap and 600-yard run.
- M. A. Coe, '06, 40-yard handicap and 600-yard run.
- L. B. Turner, '05, 40-yard handicap and 600-yard run.
- C. R. Haynes, '04, 40-yard handicap and 45-yard hurdles.
- R. D. Emerson, '05, 45-yard hurdles and high jump.
- F. B. Riley, '05, 40-yard handicap and 1,000-yard run.
- Goldthwaite, '05, 40-yard handicap and 600-yard run.
- H. L. Williams, '06, 440-yard novice.
- E. I. Ovington, '05, 45-yard hurdles and 1-mile run.
- G. D. Marcy, '05, 600-yard run.
- L. G. Morrill, '05, putting the shot.
- C. J. Rich, '05, 40-yard novice and 40-yard handicap.
- J. W. Crowell, '05, 40-yard handicap.
- J. S. Bell, '06, 40-yard novice and 40-yard handicap.

**Annual Indoor Meet.**

The Annual Indoor Meet of the Athletic Association, held at the Gymnasium Friday evening, Jan. 16, was marked by plenty of enthusiasm and good work. Captain Curtis did the best work of the evening, winning points for his class and breaking his own record in the pole vault. The 40-yard dash was very closely contested, the winners crossing the tape almost in a dead heat. The low hurdles were a walkover for Emerson. Clay, '06, showed up well in the pole vault, and with training will make a good man in that event. The military relay race was the most exciting event of the meet. The first heat, between '05 and '06, was won by the latter. As '03 had no team, '04, after running the distance alone to qualify, defeated '06 in the finals. The Freshmen ran a good race, and would have won had they not dropped the flag in passing. The meet was '04's from start to finish; five first places going to that class, as well as all the points in the potato race.

Summary of events:

**40-YARD DASH — FINALS.**

1st, Crowell, '04; 2d, Haynes, '04; 3d, Williams, '06.

Time,  $4\frac{4}{5}$  seconds.

**RUNNING HIGH JUMP.**

1st, Curtis, '04; tied for second, Farrington, '05; Emerson, '05.

Height, 5 feet  $7\frac{1}{2}$  inches.

**35-YARD HURDLES — FINALS.**

1st, Emerson, '05; 2d, Ovington, '04; 3d, Curtis, '04.

Time,  $5\frac{2}{8}$  seconds.

**PUTTING 16-POUND SHOT.**

1st, Morrill, '05; 2d, Winchester, '03; 3d, Curtis, '04.

Distance, 38 feet  $2\frac{1}{2}$  inches.

**POLE VAULT.**

1st, Curtis, '04; 2d, Clay, '06; 3d, Farrington, '05.

Height, 10 feet 3 inches. Curtis's previous record; 9 feet 11 inches.

**POTATO RACE — FINALS.**

1st, Needham, '04; 2d, Ovington, '04; 3d, Kendall, '04.

Time,  $54\frac{2}{5}$  seconds.

**MILITARY RELAY TEAM RACE.**

Won by '04. Haynes, Crowell, Flynn, Lang, Ovington, Needham, Kendall, Evans, Kellar, Bee and Magnitsky.

**SUMMARY OF POINTS.**

'03, 3; '04, 32; '05, 15; '06, 4.

**OFFICIALS.**

K. C. Grant, '02, referee; A. E. Burton, F. H. Bailey, N. C. George, of the Faculty; E. G. Baker, '02; F. W. Briggs, '01, judges; J. F. Mahan, starter; H. S. Baker, '03, clerk of course; F. H. Hunter, '02, H. S. Morse, '03, assistants; W. P. R. Pember, '02, and J. T. Cheney, '03, timers; C. L. Homer, '04, announcer.

**Library Changes.**

Just before vacation two new department libraries were established: a Modern Language Library in Room 20, Lowell Building, the books being taken from the general library, and an Electrical Engineering Library in Room 3, Lowell Building. This makes a total of eleven department libraries. The general library now contains the English, Military Science, and for the present the Walker Memorial Libraries. The last mentioned collection, the gift of an alumnus, contains books and periodicals on athletics, sports and physical training.

### Basket Ball.

The first game of the season will be played with Harvard, '06, in the Tech Gymnasium, Wednesday evening, Feb. 18. Because of constant practice during the vacation, the team hopes to make a good showing.

On the same night that the Harvard game takes place, '05 will play '06. '05 men desiring to play will report at the Gymnasium next Saturday to Mr. Thomas, capt. '05; '06 men to Mr. Streeter, capt. '06. Tickets admitting to both games will be on sale in Rogers Corridor and by the players.

The following games have been arranged:

Harvard '06	at	Boston, Feb. 18.
Andover	at	Andover, Feb. 28.
Brown	at	Providence, March 4.
W. P. I.	at	Worcester, March 7.
Fall River Y. M. C. A.	at	Fall River, April 11.

Francis Alexander Falvey.

WHEREAS, It has pleased Almighty God to remove from our number our beloved classmate, Francis Alexander Falvey, who is held in affectionate memory by us all for his many lovable and noble qualities as a straightforward man and faithful friend, be it

*Resolved*, That we, his classmates, hereby express our deep sorrow at the sudden ending of his career, so rich in promise of future attainment, and be it further

*Resolved*, That we extend to his bereaved family our sincerest sympathy in their grief, and be it also

*Resolved*, That a copy of these resolutions be published in the Institute paper, sent to his family and spread upon the records of the class.

For the Class of 1905,

J. C. DALY, JR.

F. M. BLOUNT.

T. W. ESTABROOK.

### The Song-Book.

The song-book movement has at last reached a stage where the commencement of active work on the book is close at hand. Through the efforts of Dr. Pritchett, Mr. Frederic Field Bullard has become interested in the attempt to produce a distinctively Technology song-book, and has kindly consented personally to undertake the compilation of such a book. Mr. Bullard, formerly a student at the Institute, has written several excellent songs, but is especially noted as the composer of the famous "Stein Song." The students of the Institute are extremely fortunate in having such a man as Mr. Bullard willing to serve them, and can be assured that the song-book, in his hands, will be a success.

Mr. Bullard is to meet the members of the Song-Book Committee and some of the Glee Club men this week, to get their ideas on the nature of the book, and will commence work on it very shortly.

It is understood that in addition to a considerable number of Tech songs, the book will contain thirty or forty songs of other colleges.

### Mechanical Engineering Society.

The attention of all Course II Sophomores is called to the fact that they are eligible to membership in the Mechanical Engineering Society with the beginning of the second term.

The aim of the Society is to promote interest in professional work and bring the students of the upper classes of Course II into closer contact. The meetings are attended by a number of the professors and instructors of the Mechanical Engineering Department. Graduates of the Institute who are eligible for membership are also present at these meetings, thus giving the students an opportunity to meet men who are prominent engineers in and around Boston.

The dues are nominal, consisting of an initiation fee of fifty cents and yearly dues of fifty cents.

Names may be proposed by any of the Senior or Junior members to the Membership Committee. These names will be posted on the Mechanical Engineering Society bulletin board in Engineering A.

Thursday evening, Feb. 12, at the Tech Union Mr. J. C. Riley, '98, Instructor in Department of Mechanical Engineering, talked of his experiments on steam engine governors. He told what he has done, what he intends to do, and discussed the device that is on the tandem compound engine in the Pierce Building laboratory. This lecture was illustrated by lantern slides.

A trip will be taken to the Atlantic Works, East Boston, Saturday, Feb. 14. All men going please be in the drawing-room at 1.15 sharp. The Society is indebted to Prof. Peter Schwamb for letters of introduction to the Blake Pump Works, Roberts Iron Company, Edward Kendall & Sons, and Mr. Boyd, consulting engineer for the Atlantic Works,

**Student Dinners.**

Examinations and vacation notwithstanding, the Student Dinners have continued a success. On Jan. 17 Dean Burton dropped in in time to tell a few stories, and thus prevent Recorder Wells from carrying off the honors uncontested. Underwood, '03, spoke about the Tech Show. Norman Lombard, '05, presided.

On Jan. 24, Nyce, '04, was called to the chair. He found the crowd a little hard to rally, probably on account of the Physics strain they had just undergone, and the fear of the impending Military Science "seance." The dinners will be continued every Saturday night.

**CALENDAR.**

FRIDAY, FEBRUARY 13.

- 2 P.M. PRESIDENT LUCIUS TUTTLE of the Boston & Maine Railroad will address the students and instructing staff in Huntington Hall. President Pritchett requests a full attendance.
- 7.45 P.M. JOINT MEETING of the Electrical Engineering Society with the American Institute of Electrical Engineers at Tech Union. Prof. Elihu Thompson will preside.

SATURDAY, FEBRUARY 14.

- 6.30 P.M. STUDENT DINNER at Tech Union. All students welcome. Tickets twenty-five cents.
- 7.30 P.M. B. A. A. MEET at Mechanics Building. M. I. T. vs. Bowdoin. Relay Race.

MONDAY, FEBRUARY 16.

- 1.10 P.M. EXECUTIVE COMMITTEE OF ATHLETIC ASSOCIATION meeting to elect delegates to Intercollegiate Association, trophy room.
- 4 P.M. MANDOLIN CLUB TRIALS for new men. Room 31, Rogers.
- 6.30 P.M. CLASS OF 1901 Annual Dinner will be held at Tech Union.

TUESDAY, FEBRUARY 17.

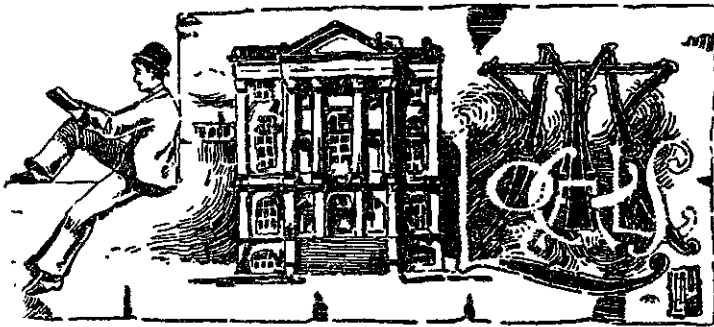
- 4.10 P.M. TECH Y. M. C. A meeting at 21 Pierce. J. E. Smiley, the Boston intercollegiate secretary of the Y. M. C. A., will address the meeting.
- 8 P.M. MUSICAL CLUBS' CONCERT at the North Gate Club, West Newton.

WEDNESDAY, FEBRUARY 18.

- 8 P.M. BASKET BALL GAMES at the Gym.; M. I. T. vs. Harvard, '05, and M. I. T., '05, vs. M. I. T., '06. Tickets fifteen cents.
- 8 P.M. GLEE AND MANDOLIN CLUBS' CONCERT in Milton.
- 8 P.M. BANJO CLUB CONCERT at Hotel Brunswick. Bowdoin Alumni Union.

**Engineering Alley.**

We were very pleased to hear from Mr. Rand, the Bursar, that a contract had been made for laying a board walk from Clarendon Street, along Copley Hall, to connect with the present section of walk. Bids were called for on a brick walk and even for steps leading down toward Clarendon Street, but the cost and the likelihood of our moving soon were so great as to make them out of the question. The board walk, however, will allow us to keep out of the mud, and that is the principal object.



President Pritchett was present at the inauguration of President Humphreys of the Stevens Institute, Hoboken.

Prof. W. T. Sedgwick of the Biological Department addressed the students of Lehigh University by invitation, upon the "Sanitation of Cities."

Dean Burton spoke at the annual dinner of the Connecticut Society of Civil Engineers at Hartford, Conn., on Feb. 10. Many Tech alumni were present.

Those desiring to see a good discussion of the advantages and disadvantages of moving the Institute to another site, are referred to July, 1902, issue of the *Technology Review*.

Section 22 of the Freshman Class held a farewell supper, prior to breaking up for the second term, at the Union, Friday evening, Jan. 22. The Dean and Mr. Bailey were present as guests.

Dr. Tyler spent his vacation with a party of sixteen at Wonalancet, N. H., snow-shoeing in the White Mountains. During their six days' stay the party ascended Pangus, Hedgehog and Chocorua Mountains.

The Board of Directors of the Class of '04 met Jan. 9 to consider the finances of the Class. E. O. Hiller was elected the third member of the Co-operative Society, C. C. Carhart, C. R. Haynes, and R. O. Ingram were appointed a committee to arrange for a Komers to be held about the middle of February.

W. I. Lowrie, '06, beat Mr. Lasker, the world's champion chess player, Thursday, Feb. 5, in a short game of 33 moves. Mr. Lowrie graduated from the English High, and is a member of the Boston Chess Club. Mr. Lasker said that his opponent's game was a fine effort, including many bright moves, and showing that he had a thorough grasp throughout.

#### Indoor Meet at Tufts.

The Institute will hold a dual meet with Tufts at the Gymnasium on the evening of March 4. The following scratch events have been agreed upon: 40-yard dash, 45-yard low hurdles, potato race: 11 potatoes (2 yards apart), putting 16-lb. shot, running high jump, and pole vault. Points are to count 5 for first, 3 for second, 2 for third, 1 for fourth. Winners of first, second and third places in each event will receive silver steins.

The meet will conclude with a military relay race, with eleven men on each team.

At present the indications are that we will win the meet, for Tufts has not been very active in track athletics. But this fact should not make us feel confident, because Tufts will have representation in at least three meets before she meets the Institute. With this preliminary experience, Tufts should make an interesting competitor.

Beginning with this term the Fencing Association commences practice in Room 13, Eng. B, on Monday, Tuesday, Wednesday and Thursday of each week from 4 to 6 P.M. Those interested in fencing will find there a good instructor and suitable accommodations. The dues are small, and those desiring membership should apply to Captain Leh.

The 1906 Song-Book Electoral Committee is: A. H. Nordyke, C. V. McGivern, F. R. Batchelder, L. R. Chadwick, C. C. Rausch, G. W. Winne, P. B. Stanley, H. W. Streeter, M. Bredin, A. W. Talbot.





So gorgeous and beautiful a spectacle as Mr. Mansfield's *Julius Cæsar* is memorable even after "mid-years." It is singular that a play by a dramatist who totally ignored historical accuracy of detail should be given chiefly as a monument of archaeological research, yet this production seemed so laboriously "correct" that the play itself was outshone by its setting. Furthermore, it seems practically certain that the play was poorly acted.

*Julius Cæsar* is adapted to even moderate capacity in the players, for it is a play of brilliant scenes and effective rhetorical speeches rather than of deep or subtle character. An actor of training and intelligence can hardly fail to make a *Julius Cæsar* part effective, — as witness Mr. Haworth, a player of the old school, trained in the old Boston Museum Company, who, in his vigorous and sensible rendering of Cassius, was very easily the best part in the performance. The other actors were rarely more than tolerable. Anthony carried off his role with a very buxom and boisterous force, but seemed too crafty, too deliberately wily throughout. The part of Portia seemed played rather by a squid, or some queer, writhing thing all arms and tentacles, than by a human being. It would be, perhaps, rather merciless to say that Mr. Mansfield lacks intelligence, but he wholly lacks training. He does not know how to talk, and a schoolboy who read his *Julius Cæsar* for the English entrance examination with any such exasperating pronunciation, any such disjointing of polysyllables into unintelligible fragments of words, any such accent that wholly obscures the obvious meaning of the lines, — would go and remain at the foot of the class. What could possess an intelligent player, for example, elaborately to mispronounce "Bru-tooce" and "Cass-y-ooce," — when line upon line metrically demands a dissyllable Cass-ius? The appropriate comment upon *Julius Cæsar* is the old gibe: There are three sorts of acting, — good acting, bad acting and Mr. Mansfield.

THEATREGOER.



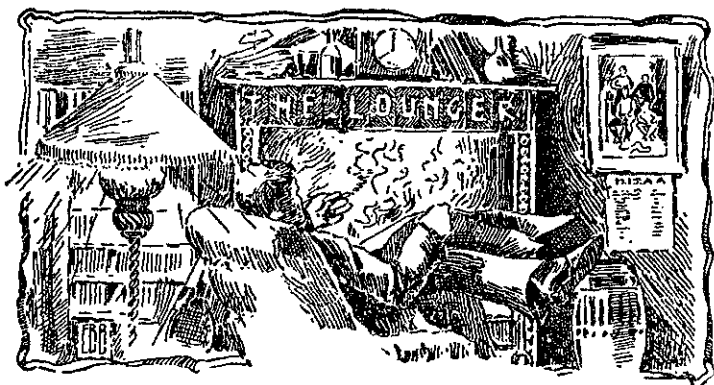
'72. Charles L. Minot, V., has recently received the degree of D.Sc. (Doctor of Science) from Oxford. This degree, which is a new one, taking the place of D.C.L. (Doctor of Civil Law), was conferred on the occasion of the celebration of the Tercentenary of the Bodleian Library, Dr. Minot being present as senior delegate from Harvard University. Dr. Minot's position in the scientific world makes this honorary degree exceptionally appropriate.

'87. Frank D. Carney, III., has returned from Berlin to take the office of assistant general superintendent of the Pennsylvania Steel Company, with headquarters at Steelton, Pa.

Thomas P. Robbinson and Miss Ethel L. Fay were married on Feb. 4 at Tufts College. They will be at home after May 1 at 16 Seaverns avenue, Jamaica Plain.

'96. Mr. Clarence W. Perley, VII., who was for some time in charge of the Engineering Library of the Institute, and who has been for the last two years chief classifier of the John Crerar Library of Chicago, one of the most important libraries in the United States making a specialty of scientific works, has lately been promoted to an important position in the Library of Congress at Washington, where he will have in charge the reclassification of the books in that library on technological subjects.

1902 Class Dinner will be held at 7 P.M., Feb. 20, at the Tech Union, over the Mechanical Laboratories on Garrison Street. There are a great many of the Class in and around Boston, and a large reunion is expected, fifty-three having already expressed their intention of attending. Tickets, 75 cents.



*O tempora! O mores!* That it should come to this: that so prominent and influential a literary vehicle as the *Ladies' Home Journal* should be forced into accepting — yea, even spreading upon its monolithic columns, such indifferent matter, such pusillanimous dribble, as it sometimes does publish, when — oh significant “when” — this same periodical can command the eloquent pen of the esoteric, osoterrible Arlo! Now that so signal a genius has condescended to contribute to the general welfare of the literary world by allowing the work of his own pen to elevate the tone of this fashionable ladies' paint-and-powder magazine, let us hope that the editors will take all possible advantage of so fair an opportunity.

“Professor Bates will write only for the *Ladies' Home Journal* in 1903.”

“In Professor Bates' little skit in the *Journal* there are a number of clever remarks and epigrammatic expressions; in fact, a succession of points without any connection, like a sewing-machine without any thread. — WILLIAM DEAN-HOWLS.

There would be one great source of regret for us should Professor Bates confine his talent entirely to the *Home Journal*; namely, that we should no longer be able to enlist his services as LOUNGER, a misfortune which THE TECH could probably survive only with the greatest indelicacy.

Professor Bates has kept this part of his career so completely concealed, that the announcement here, for the first time, of THE LOUNGER's identity, will be as much a surprise to many as a mid-year report, and especially to those who have firmly believed that THE LOUNGER was some demure co-ed, fed weekly with an opiate of laughing gas.

Those, also, who have labored under the hallucination that the Loungers have been written by Professor Cross in his sleep, or that they are the product of Mr. Derby's leisure moments, are much mistaken; for Professor Cross's sleep is only the approximate formula for his waking hours, and Mr. Derby's idle moments are so valuable that it would be impious to desecrate one of them by the conception of a column of Lounger.

\* \* \*

In the sacred ancient forum of the Romans, from among the silent ruins of nineteen majestic centuries, from the crumbled dignity and grandeur of a splendid nation, rise three stately shafts of marble, like solitary soldiers on a battlefield, surveying the dead and lingering among their prostrate comrades: three awful columns telling of a silent past.

Two ominous columns since have met the gaze of man. Wrought in the dread seclusion of a workshop, expressing the power of them that rule, and many a threat and sinister prediction, two perilous columns wrought within the mighty workshop of Sir Humphreys Walter, whose black inscriptions now the bright-eyed youth of Tech deciphers, growing heavy-hearted with many a groan of dark despair, at such childish sternness as “Roll slips must be handed in to-day.” “Abs. is equivalent to F. F.” “Students must petition to have their petition accepted,” etc.

Salute these columns that rise above the chaos of the first day of the term; salute the two columns of the General Bulletin!

\* \* \*

Well! THE LOUNGER has lived through another set of exams. Now for a rest of three months before he begins to cram for the next lot. He greatly enjoyed his cram for the Thermo-exam., however, for, following Professor Miller's advice, he took the money he had borrowed for tutoring and went to see Haworth play Cass-y-ooce. When the report came in THE LOUNGER was wrothy and made remarks on inappropriateness of a Miller discouraging grinding, but then it occurred to him that this method was no more disastrous than various others he has tried. The “most unkindest cut of all,” though, was when THE LOUNGER was asked, in an exam., to tell all he knew and was only given an hour and a half. Talk about Antony's sarcasm! But then Cross-examinations are noted for being disconcerting. Fortunately THE LOUNGER is of a philosophical turn of mind. The symbol  $F^2$  brings to his mind fond memories of childhood, free from all worry of exams.; recalls the first word he learned to utter, though at that time he did not realize the physical equations,  $F=Ma$  and therefore  $Mama=FF$ .

Willie had a little task,  
Making Hydrogen.  
Made it in a closed-up flask,  
“Dust to dust.— Amen.”