

SENIORS' FINAL WEEK AS UNDERGRADUATES BEGINS

Members of Class of 1920 Bid Farewell to Technology Amid a Round of Ceremonies and Festivities—
Class Day Exercises Tomorrow

DEAN BURTON SPEAKS TONIGHT AT BANQUET

With the Baccalaureate Sermon and the Senior Picnic now things of the past the next event of Senior Week is the Senior Banquet which takes place in the Boston City Club tonight. Class Day is to be held in Walker Memorial tomorrow afternoon, and the Senior Prom comes in the evening. Friday is the day set for the graduation exercises, which take place in Walker Memorial, and the Pops Concert in Symphony Hall, which is the final event of Senior Week.

Dean Burton Speaks at Banquet

Concerning the Senior Banquet, the committee in charge wishes it understood that the affair will be strictly informal. The time for the affair is 6:30 o'clock and those in charge state that promptness will be appreciated. N. G. Abbott, Jr., president of the class, will act as toastmaster for the occasion. Dean Burton and Homer Albers, dean of the Boston University Law School, have been secured to speak, and Frank Gage '22 of Tech Show fame will give his well known specialty acts. The final event of the evening will be the election of a permanent president and secretary.

Class Day will be on Thursday afternoon at 1:45 o'clock in the main hall of the Walker Memorial. A "chalk talk" by Robert Patterson illustrating the salient features at Technology life by means of cartoons will be one of the features. After these exercises receptions will be held by the department heads at the headquarters of each course.

Acting President Awards Degrees

In the evening the Senior Prom is to take place in the main hall of Walker Memorial. Dancing will start promptly at 8:30 o'clock, and will last until one o'clock, with an intermission for refreshments. Leo Reisman's orchestra has been secured to furnish music for the occasion. As the main hall of Walker Memorial cannot comfortably accommodate more than 175 couples the number attending has been limited to that figure. The committee in charge wishes to have it known that while evening dress is requested on the part of the ladies, the men attending are expected to wear white flannels and dark coats rather than the more formal dress.

Friday is the scene of the graduation exercises when the Seniors officially pass out of the Institute. Degrees will then be awarded to the fortunate by Acting President Thomson. Two-thirty o'clock is the time set for the Seniors to march into the main hall of Walker Memorial, but Seniors are requested to arrive at 1:45 o'clock in order that the necessary arrangements may be made. The Acting-President's reception will take place after the exercises.

Week Closes With Pops Concert

Pops Concert in Symphony Hall, on the corner of Huntington avenue and Massachusetts avenue, starts at 8:15 o'clock and is the concluding event of the week. The Glee Club will render several selections and the Senior Quartet will also sing. The closing event of the evening will be the singing of the Stein Song.

The following are the various committees in charge of the events of the week: Class Day Committee; K. F. Akers, Chairman, J. M. Abrams, H. O. Davidson, Francis Bunker and Francis Travers; Prom Committee, J. C. Nash, chairman, L. E. Royden and R. H. Gee; Pops Committee, A. A. Brown, chairman, James Harrop and K. J. Roman.

Class Day addresses will be given by N. G. Abbott, Jr., and K. F. Akers,



NORRIS G. ABBOTT, JR., '20
Ex-officio in Charge Senior Week

while H. O. Davidson is Class Day Orator. K. S. M. Davidson, B. F. Casey, L. W. Winant, Fred Hunt, and Harold Bugbee will impersonate prominent professors in the Class Day festivities. Class Statistician is F. W. Boley. Robert Patterson will be assisted by M. B. Knox in drawing the cartoon feature of Class Day.

SENIORS PICNIC

Baseball and Swimming Contests Much Enjoy

Two hundred and fifty Seniors attended the Senior Picnic which took place yesterday at Pemberton and Nantasket. The boat conveying the class to Pemberton left Rowe's Wharf in the morning. At Pemberton baseball and swimming contests were participated in with great vigor.

Having worked up an appetite in this manner, the Seniors forgot their dignity long enough to do justice to the "shore dinner," which was served at 3 o'clock in the afternoon. At 5:15 o'clock the party was conveyed to Nantasket by trolley, and remained there until conveyed home by the special boat which left at 10:30 o'clock.

Percy Bugbee Chairman of Committee

The committee in charge of the picnic consisted of Percy Bugbee, A. C. Atwater and B. F. Casey. Bugbee acted in the capacity of chairman. K. F. Akers, first marshal, was in general charge, with N. G. Abbott, president of the class, ex-officio manager. C. B. Capps, general manager of THE TECH last year, with C. E. Stanwood composed the budget committee, the latter being chairman. The publicity committee consisted of H. F. Smiddy, chairman, R. D. Booth, and H. B. Deal.

EVENTS OF SENIOR WEEK

Senior Banquet at the Boston City Club on Wednesday, June 9, at 6:30 o'clock.

Class Day Exercises in Walker Memorial on Thursday, June 10, at 1:45 o'clock.

Senior Dance in Walker Memorial on Thursday, June 10, at 8:30 o'clock.

Graduation Exercises in Walker Memorial on Friday, June 11, at 1:45 o'clock.

Pops Concert in Symphony Hall at 8:15 o'clock on Friday, June 11.

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the University Union and stayed there until the end of the war.

Explains Entering Ministry

He referred to his work over there during his sermon, saying that his work in France was the best sermon he ever preached.

Mr. Gibbs evidently felt it necessary to explain why he, a graduate of an engineering school, found himself in the ministry and he opened his address with an introduction in which he said:

"Twenty years ago as a member of the graduating class of 1900 I sat in Trinity Church across the square and listened to a baccalaureate sermon preached by the late Dean Hodges of the Episcopal Theological school of Cambridge. By the mysterious workings of God's Holy Spirit I found myself, eight years afterwards a pupil under Dean Hodges and a candidate for Holy Orders.

Technology Training Broadens Vision
"Today as a graduate of the Massachusetts Institute of Technology and also as a minister of God, it is my privilege and honor to address you of the class of 1920. I speak to you as one Technology man to Technology men.

"The question has often been asked me—Why do you, trained for the engineering profession, a graduate of a great technical school, find expression in the ministry?"

"I'll answer this question publicly now. There is no breach of thought, no depreciation of anything I learned at Technology in this change. In fact, my training at Technology has given me a broader vision and helped me to understand life and men better. I entered the ministry in order that I might be undertaking the kind of service to humanity in which I might best express myself."

In his prayer before the sermon, he said "O God, our great companion, lead us ever more deeply into the knowledge of thy life and ours, and make us interpreters of life to our fellows, through Jesus Christ our Lord."

Pays Tribute to Late Dr. MacLaurin

Mr. Gibbs took his text from the eleventh chapter of the epistle to the Hebrews—"And Abraham went out, not knowing whither he went."

Developing his text he explained how Abraham took his place in the world and received his inheritance.

He paid tribute to the late president of the Institute Dr. Richard C. MacLaurin by saying, "He was loved by all and his leadership of Technology brought him admiration from far and near."

"He came to Technology not knowing whither he was going but in his work here he found his inheritance."

Mr. Gibbs complimented Technology for its work in developing leadership in the undergraduate life. He said the guiding principles were the same as the young man meets later in life and his preparation gained from participation in this undergraduate life fit him out with a greater capacity.

There's Still Balm Left in Old Gilead

Monday—All morning at work on senior thesis. At noon attended undergraduate mass meeting to discuss railroad situation. Entire senior class volunteered for strike duty. Reported at P. D. & Q. yards in the afternoon.

Tuesday—Cut classes and fired the 8.25 local from Woodcrest to Hillsville. Some job. Got back to college at noon. Had shower in gym and laid off for afternoon.

Wednesday—Fired the 8.25 again. Thursday—Railroad strike over. Got back in time for Math quiz. Flunked.

Friday—Strike of elevator operators downtown. Volunteers wanted. Cut class in anthropology B and got job running elevator in a department store.

Saturday—Ran department store elevator 9 a. m. to 5:30 p. m.

Sunday—Got back to work on thesis. Only two days left to turn it in.

Monday—Trolley men out. Got job as conductor.

Tuesday—Shifted to motorman. More doing.

Wednesday—Strike over. Dropped in at philosophy 16. Half the class away on strike duty in shipyards. Joined the bunch at the shipyards in the afternoon.

Thursday—Urgent call for volunteers to drive express motor trucks Swapped jobs, dropping in at college on way. Campus deserted.

Friday—Great news. College faculty on strike, demanding more students and higher average of attendance. Dean's office calls for volunteers to replace faculty strikers. Looks like a chance for some of us.

Saturday—Reported to dean. Assigned to strike duty as emergency professor of comparative literature 21-22. Just what I wanted. Passed my final exam. in comp. lit. today with an A plus. Looks as if I might get through college yet.—New York Evening Post.

GENERAL ELECTRIC DESIGNS AUTOMATIC WELDING PROCESS

One of the main difficulties with electric welding is that it has to be operated by hand within a few feet of the highest temperatures obtainable. In spite of all means used to protect the operator, its use is somewhat hampered by that unfortunate fact. This difficulty may be eliminated by a new device discovered by the General Electric Company. The following is an article taken from the Electric News Service, published by that company:

The operation known as electric arc welding is made possible by the fact that when a live current is broken, an arc is formed between the two ends of the break. As long as these two ends are maintained at a proper distance from each other, this arc will continue to burn, with such an intense heat that one of the ends of the circuit is melted off, some of it being deposited on the other. In arc welding this is accomplished by making the wire electrode one end of the broken circuit, and the object to be welded, the other. The arc is allowed to become long enough to melt the wire electrode but not so long as to permit air to mingle with the metal in transit, and oxidize it, so that metal in a pure condition is deposited on the work. Naturally it is important to keep the two ends at such a distance apart that the arc will not break, or permit the entrance of air, to secure the best results. This necessitates delivering a uniform supply of wire to the arc, at such speed as to keep it constant, allowing for the shortening of the wire electrode, and slight irregularities in the work. Should, for some reason, the arc be broken, the machine will automatically and promptly reestablish it and proceed with the welding.

New Arc Welder Is Automatic

This is accomplished by a new device perfected by the General Electric Company, and soon to be put on the market, which is known as the Automatic Arc Welder. This welder, for use with the regular welding set, is designed to take the place of the hand controlled electrode. It consists of a pair of rollers, called feed rolls, driven by a small direct current motor, which draw in, and deliver to the arc a steady supply of wire, and automatically maintain the best working distance. The whole is controlled from a small panel.

It is possible to start and stop the equipment from the work by a pendant push button, but adjustment of the feed conditions must be made from the panel. With this outfit a practically steady arc can be secured, which is greatly superior in smoothness of operation to any hand controlled arc, consequently increasing the speed of welding.

Variety of Conditions Can Be Met

The whole apparatus is mounted on a base which can be bolted to any form of support. Thus a great variety of working conditions can be met, but provision must be made for carrying the arc at uniform speed along the weld.

The device is especially valuable where a large amount of routine welding is to be done, since it is capable of

from two to six times the speed possible to skilled operators and gives a uniform weld of improved quality. It is adaptable to welding seams of tanks and plates, rebuilding worn or inaccurately turned shafts, rebuilding worn threads and flanges of wheels, and many other kinds of work.

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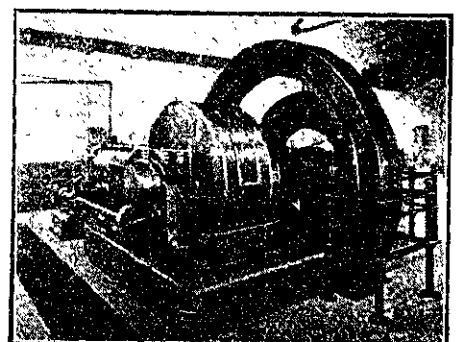
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