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In Charge of This Issue  
 P. R. Goldings.....Charles Rich

Friday, February 9, 1923

**SPHINX RIDDLES**

ONE of the greatest Sphinx riddles facing America is the old question of capital and labor. It is the balance that does not balance. First capital topples the scales, then labor. The problem of keeping the scales balanced between these two great industrial halves has drawn many answers. Technology men have been fortunate in hearing "Golden Rule" Nash give his solution to the problem during the last few days. Mr. Nash with all the fervor of an industrial Billy Sunday told how the golden rule could be applied to industry and how he had personally applied it to the advantage of both capital and labor. The philosophy is fundamentally sound. "Do unto others as you would be done by" is the most humanitarian of policies but it should be remembered that for it to be truly successful it must be carried out by both sides. Labor as well as capital must attempt to see the other's viewpoint.

History has proven that the hardest driver of labor is the man who has risen from the laboring class himself. Capital when it has had the upper hand has used it unjustly on labor, but labor has turned about and taken the same undue advantages of capital when through its unions it has felt its power. To provide mutual understanding and a balance of power between these far-separated elements, is a question that should be of paramount interest to every college student, especially the future engineer who must, by his position, necessarily come in close contact with the labor problems.

The statement made in an editorial appearing in the last issue to the effect that the Faculty has voted to wear caps and gowns this June at graduation was an error.

**NOTICES FOR UNDERGRADUATES**

**OFFICIAL**

The Fourteenth meeting of course 5.94, Recent Developments in Science, will be held today at 4 o'clock in room 10-250. Professor W. K. Lewis, head of the Department of Chemical Engineering, will speak on "The Addition of Sulphur to Rubber."

**UNDERGRADUATE**

The Night Editor in charge of the next issue of THE TECH is P. K. Bates '24, telephone University 7077. All matters concerning the issue should be referred to him.

Rev. Boynton Merrell will be the leader at the T. C. A. Bible Study meeting today, taking as his subject, "God—Does He Exist, Where Can He Be Found?" Meeting commences at 5:10 o'clock in Mt. Vernon vestry. All are welcome.

Complimentary copies of "The Golden Rule in Industry," by Arthur Nasig, may be obtained from the table in the T. C. A. office.

**The World's Affairs**

**Foreign**

Feb. 8. Turkey has refused to sign the peace treaty, and the opening of hostilities with the allies is believed possible. The Turkish government has issued an ultimatum demanding that allied warships leave the Harbor of Thrace at once. The allies, however, refuse to withdraw their ships, and unless Turkey recedes from the stand taken in the ultimatum, warfare is probable.

Feb. 8. No Ruhr mediation is yet in sight. France, at present, is solidly behind the Poincare government in its effort to bring Germany to her knees. In official circles, it is believed that intervention in Germany at this time would be worse than useless. Intense feeling against all foreigners is evident in the newly occupied territory in South Germany.

Feb. 8. The treaty for the limitation of armaments signed at Washington about a year ago, is soon to be presented to the French Chamber of Deputies for ratification. Included in the final draft of the article is a reservation similar to that adopted by the American Senate, stating that the text of the treaty does not bind France to armed co-operation, nor does it imply alliance to participate in defensive action.

Feb. 8. The Italian Chamber of Deputies approved the treaty for the limitation of naval armaments, by a vote of 266 to 23. The treaty prohibiting the use of submarines and noxious gases in warfare, was approved by a vote of 265 to 21.

**National**

Feb. 8. The Army Bill is expected to come to a vote in the Senate Saturday, when an effort will be made to bring up President Harding's Ship Subsidy Bill. The debt funding plan is being discussed in the Senate, and action on it probably will be taken after the House has passed upon the measure.

Feb. 8. A personal request from President Harding failed today to overcome the opposition to have a special rule passed by the House rules committee, in order to bring before the House a bill for governmental purchase of the Cape Cod Canal.

Feb. 8. Secretary of the Treasury Mellon said today that the banks are in a position to finance a large increase in trade this coming spring, and that he favored private grants of credit to foreign customers rather than extension of credit by the Government.

Feb. 8. President J. H. Hustis of the Boston and Maine Railroad stated in an address before the Chamber of Commerce last night that the only permanent solution of the problems confronting the Boston and Maine lay in consolidation. He was of the opinion that a consolidation of all New England roads would not be as advantageous as consolidation with lines operating east and west outside of New England.

**COMMUNICATION**

To the Editor of THE TECH:  
 Since Mr. Ward has stated that he did write the communication in a recent issue of THE TECH signed with his name, documentary evidence in my possession is evidently unreliable. I regret the incident very much, and shall be very glad to submit the signed statements and other documents which led me to make the assertions referred to, to any parties interested.  
 F. P. SQUIBB '23.

**AT THE THEATRES**

- BOSTON OPERA HOUSE: "Blossom Time." Beginning next week.
- COLONIAL: "The Perfect Fool." Ed Wynn is the whole show but his ridiculously funny jokes are entertaining.
- COPLEY: "The Truth About Blayds." The Jewett Players do this drama very well.
- HOLLIS: "Lightnin'." Very dry humor and adept lying.
- KEITH'S: Billy B. Van and James J. Corbett.
- PLYMOUTH: "Just Married." Vivian Martin in a breezy comedy on shipboard.
- SELWYN: "The Guilty One." Paulina Frederick, last week. Good.
- SHUBERT: "Naughty Diana." A good mixture of French farce and music.
- SYMPHONY HALL: Tonight. Combined Musical Clubs.
- TREMONT: "The French Doll." Irene Bordoni, a French actress who thinks American love making prosaic.
- WILBUR: "The Bat." It is going to leave February 17.

**Course VI and Its Alumni**

By Prof. D. C. Jackson  
 (Continued from Issue of February 7)

A like story applies to the electric communication industries of the country (the telephone and telegraph companies). In the telegraph service, Mr. G. M. Yorke '93, is Vice President of the Western Union Telegraph Company, and a goodly group of younger men are at work in the research, engineering and business affairs of this Company. The comprehensive and rapid growth of telephony has attracted a large number of Course VI alumni into that field, and the rosters of the Western Electric Company, the American Telephone and Telegraph Company and the local operating telephone companies are therefore full of Technology men. It is possible to name only a few: Waterson '98, Blackwell '06, Dr. Osborne '08, Dr. Jones '09, John Mills '09, author of several interesting books on radio phenomena, Carson '09, Affel '14, and so on through a long list of men doing important creative research, invention, designing, operating or administrative work. Dr. Frank B. Jewett, Ph. D., of the University of Chicago, Vice President of the American Telephone and Telegraph Company and now President of the American Institute of Electrical Engineers, was registered as a student of Course VI one year while an instructor in Physics at the Institute. Whatever influence that year may have had on his later great career as a creative engineer in telephone development, it gives us the happy privilege of counting him amongst the sons of Technology.

A like situation exists among the lesser manufacturers of telegraph, telephone and radio apparatus. Many electrical engineers from Technology are among their officers and employees.

Technology men who pursued the electrical engineering course are also sown over the whole country in the service of public utility companies, as officers, engineers, and in business capacities. Their range extends from the Pacific Coast to the Atlantic, and from the Canadian border to the Gulf of Mexico, besides extending into foreign countries. Besides employment in designing, constructing, operating and managing these utilities, these alumni have in various instances promoted and arranged the financing of such projects, some of them of great magnitude, for instance, the Keokuk project of the Mississippi River Power Co.

In general manufacturing, our electrical engineering men are scattered as widely as the industries themselves and in duties as various as the industries provide. The steel companies, textile mills, locomotive works, shoe manufacturers, oil refineries, engine and boiler works, machinery builders, and so on, are employers of these men in positions as engineers and executive officers. A long enumeration would not exhaust the list of names of these men well known in the various manufacturing branches. It is not practicable to make the enumeration here.

Course VI as originally established and modified from time to time has had its appropriateness, breadth and adequacy proved by the progress of its alumni; but as times change, curricula should change. Consequently, the department staff is constantly reflecting upon the problem of improving the curriculum and the methods of teaching, so as to still further approximate the ideals on which the course is founded. Finding that about one-third of the graduates go into manufacturing of some kind, the manufacturing option called VI-A or the Co-operative Course was recommended to the faculty and its establishment approved. This is intended for that limited number of students who have a definite drawing towards manufacturing, and yet desire to secure the rigorous training that is characteristic of the electrical engineering course. As many of our graduates go into telephone and telegraph affairs, the electric communication option was established with the approval of the faculty, so that students who feel a definite ambition to enter into this branch of engineering may be well prepared therefor without sacrificing anything of rigorouslyness in their training. As there is a considerable proportion of graduates who go into employment of public utilities, a branch of VI-A has been likewise established with co-operation in those lines. These various options open with the end of the Sophomore year.

For the student who does not wish to choose his career at once, but wishes the rigorous training of the electrical engineering course, Course VI in its main stem is available and maintains the force of its curriculum and the effectiveness of its teaching methods, directed toward securing for students the necessary funds of knowledge, associated with independent and accurate thinking and co-operative working. For advanced work of Senior and graduate students, the research laboratories are available, and these students are year by year carrying on work of fascinating originality, admirable educational

value, and some service to the profession.

As the undergraduate electrical engineering laboratories are now working with a load aggregating approximately 100,000 student hours per year, which is more than was anticipated when the floor space for electrical engineering laboratories was assigned in the present buildings, the Administrative Committee last year passed a regulation intended to check the rate of increase of the number of students in the electrical engineering course. This regulation provides that no student shall be promoted to the second year in Course VI, unless he has secured a clear record in all his prerequisites for entrance and all his first year work. This will require students who have conditions in entrance or first year work to make them up during the summer school before their second year, or fail of promotion to the second year in Course VI.

Alger '15, Baldwin '96, Blodgett '05, Boynton '15, Buck '95, Miss Edith Clarke, M. S. '19, give six well known names at Schenectady, and embrace only the first three letters of the alphabet, and one can go on likewise through the twenty-six letters. At Lynn, Pittsfield and elsewhere in the Company's service are many more capable men.

The Westinghouse Company does not have so large a party of Course VI men, but the list is formidable at that. At Pittsburgh there is Vice President H. D. Shute '92, and a galaxy of younger men in the designing, manufacturing and sales affairs of the Company. There are also many Technology alumni located at the other works and offices of the Company.

The innumerable smaller companies manufacturing electrical machinery, which are scattered over the country, are also contented employers of Technology electrical engineers. In many instances Technology electrical engineers compose the company and are employing Technology men to fill the additional engineering and business positions.



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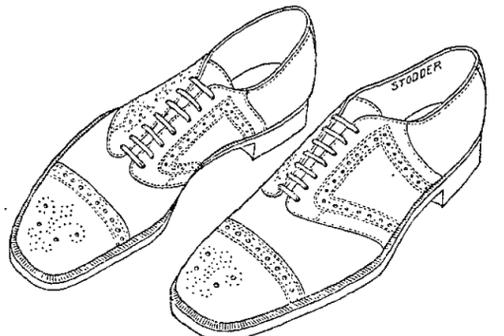
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