

THESES PROGRESSING

Course VI Men Choose Important And Interesting Subjects

There are some forty men who are candidates for the B. S. degree in Electrical Engineering, and these men are now busy with their theses. The subjects which are being investigated by these men are many and varied, while some of them are along lines heretofore but little treated.

George T. Southgate is experimenting with a constant current transformer, and he thinks that he has invented a new type of construction. John B. Myrick is making some particularly interesting plant tests. E. B. Kieley and Wasserboehr are studying the variations of the tungsten light under alternating currents. H. V. S. Taylor and Wallower are investigating the current flows in phantom telephone circuits. This subject has probably never before been carefully studied and the telephone company is lending necessary apparatus for the work. William T. Biedler is studying the great economic effects which have been produced by the introduction of electrical power in the cotton mills of North and South Carolina. To generate the electrical energy, water-power has been employed, and since this has been used there has been a most marked increase in population and a betterment of general conditions in certain counties of these States.

Below is given a list of all the theses which are known to be under way:—

- Thesis Subjects of Course VI.
- H. C. Beebe.—Test of Oil Switches.
- T. Biedler.—Economic Effects of the Use of Electrical Power by the Carolina Mills.
- Brush and G. C. Connor.—Operating Characteristics of Magneto Generators.
- F. K. Castleton and L. N. Downs, Jr.—Test of Hydraulic Power Plant.
- R. L. Dodge and R. W. Perkins.—Test of a Gas Engine Plant at Houston's Store.
- R. M. George and I. S. Hartman.—Test of the New 150 K. W. Turbine Unit.

- A. A. Gould.—Water Power at Newton Lower Falls.
- E. D. Greene.—Inventory and Appraisal of Plant at Leominster, Mass.
- Frank A. Hayes and D. A. Stoddart.—Electrical Equipment of 160 Miles of Railroad.
- J. A. Holbrook and Harding.—Electric Light Plant for Conway, N. H.
- F. E. Hodges and Stuart L. Henderson.—Design of 6000 K. W. Power Station.
- W. H. Horton, Jr.—Test of Electric Light Plant at Delavan, Wis.
- E. S. Howe and Wilber.—Test of Plymouth Central Station.
- C. F. Humphrey and H. C. Schmidt.—Regulation of Alternators.
- E. B. Kieley and H. P. Wasserboehr.—Tungsten Lamps on Alternating Currents.
- F. R. Lufkin.—Study of the Properties of Cable Insulation with Reference to Temperature Variations.
- L. M. Lusky.—Commutation.
- J. B. Myrick.—Test of Engine Room Machinery of Oil Steamer.
- G. W. McRae and F. B. Silsbee.—Puncture Tests in Air.
- E. M. Potter and C. H. Shaw.—Test of the Power Plant at the Factory of the Arnold Shoe Company.
- G. T. Southgate.—Construction of a Constant Current Transformer.
- C. M. Smith.—Test of New Engine Built by the Ridgeway Engine Co.
- H. V. S. Taylor and Wallower.—Currents in Phantom Telephone Circuits.
- J. W. Hathaway.—Induction Generators.

CHANGE IN CORPORATION

At a Corporation meeting held on March 9, three term members from the alumni were chosen to serve until 1915. The men selected were Edward Cunningham '91, Frank W. Rollins '81, and Edwin S. Webster '88.

It was also decided at the same meeting to change the name of the Department of Naval Architecture to that of Naval Architecture and Marine Engineering; also to change the title of the Professor of Naval Design to Professor of Naval Design and Construction.

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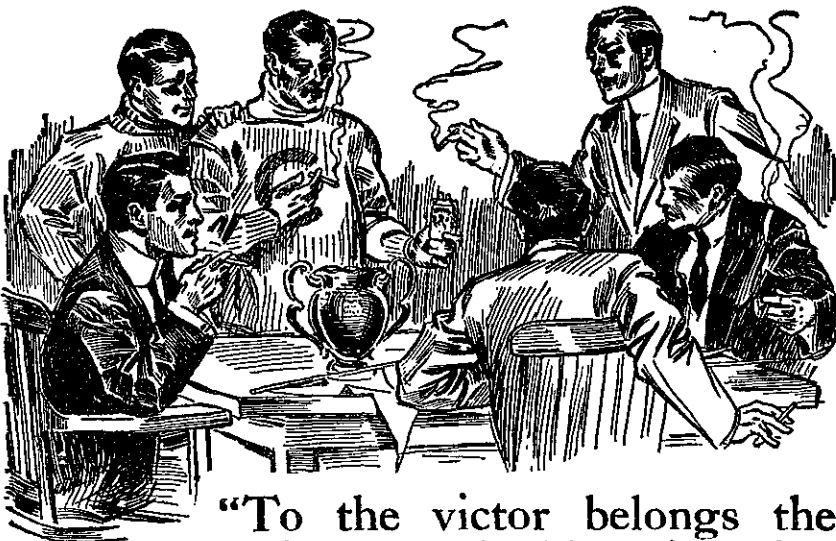
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