

TECHNICAL REVIEW.

Six miles of the transpacific cable which lies within the three mile limit below lowtide mark, has been taxed by the Supreme Court of Hawaii. The court declares its taxable value at \$16,000.

A Berlin firm has invented a new form of incandescent lamp. The filament is made of tantalum and is said to have a much higher efficiency than the ordinary carbon filament.

A milliampere meter has been put on the market. It is constructed after the D'Arsonval type and measures accurately current in the secondary spark of a Ruhmkorff induction coil. The meter is also adapted to measure current from an ordinary static machine.

Important Advance Step in the College of Engineering.

At the meeting of the regents December 13, in accordance with the recommendations of the faculty, five and six year courses were adopted in engineering, which provide for the addition to the technical engineering work of a large number of elective studies in other colleges. The purpose of such courses is to broaden the training for engineers, and thus make them better all-round men, as well as better professional men. It is proposed to publish in the catalogue five and six year courses in civil engineering, mechanical engineering, and electrical engineering, which in four years will lead to the degree of Bachelor of Science in General Engineering; in five years will lead to the degree of Bachelor of Science in the special engineering courses, and which in six years will lead to the professional degrees of Civil Engineer, Mechanical Engineer, and Electrical Engineer. Under this broad arrangement for election of work in the other colleges by engineering students, various type

courses will be built up; one of which will be a combination of engineering studies and studies in the courses in commerce.

At Wisconsin there is a very exceptional opportunity to develop technical training of a higher grade than that anywhere now obtainable, since there are in the University four strongly developed colleges, i. e., the College of Letters and Science, the College of Agriculture, the College of Engineering, and the College of Law. No such combination exists in any privately endowed university in the United States, and only one or two state universities have all of the colleges strongly developed at one place, thus placing them in a position to move for higher technical training. Many combinations could be made of work in the various colleges which would result in such higher training, but the particular combination mentioned, that of engineering and commerce, illustrates the advantage of the combination courses. An excellent combination course of this kind is possible, by reason of Wisconsin's strong engineering and commercial courses. At the present time engineers are demanded for the higher grade positions who not only know engineering but also know business. A railroad president recently said: "We can get an indefinite number of one thousand dollar men, comparatively few three thousand and five thousand dollar men, and no fifteen thousand dollar men," i. e., men who are capable of handling business affairs in a large way, and who have the technical training of engineers. It is believed that the six year engineering and commerce course now offered by Wisconsin will give the technical training needed for these higher positions. In a similar manner courses are proposed which will combine work in engineering and law studies, and combine work in engineering and agricultural studies.

Already there is demand for men trained in engineering and these lines.

If the five and six year combination courses are a success, Wisconsin will be in advance of all the universities of the country in providing for technical education of the highest grade.—Wisconsin Alumni Magazine—

Notice To Subscribers.

The subscription price of the STATE COLLEGIAN is \$1.25 if paid within 30 days from date of subscription. If allowed to run over this time it is \$1.50.

This notice has appeared weekly upon the *editorial* page of our paper. Many have taken advantage of the reduction and paid their subscription before the time limit.

Those who are still indebted to the college paper will receive a call promptly from the business management. Let each man be ready with his \$1.50 when it is called for, and not put the management to the additional trouble of calling the second time.

Do not say when asked for the money that you never subscribed for the paper but that it was sent to you against your will.

When the paper was started, it was laborious to interview each student and convince him of the necessity for a college paper. We took it for granted that every thinking student could see this at a glance.

It is imperative that we meet our obligations promptly and the best way to aid us is to be prompt with your subscription. Read this to your neighbor and if it fits you "be ye also ready."

W. G. HECKATHORNE,
Business Manager

Fencing Club.

A fencing club has at last been organized. Mr. Derickson is President; Mr. Golden, Vice-President; W. L. Lorah '06, Secretary and C. P. Ames Treasurer.