

The Knowledge Bank at The Ohio State University
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CAMPUS NOTES

ARCHITECTURE AND ARCHITECTURAL ENGINEERING

The instructional staff in the department of architecture made quite an exodus during the summer months to Europe. Professors Baumer, Ronan, Oman, and Mr. McKee spent the summer in travel and study abroad. They returned just in time to meet their first classes.

Professor J. M. Bradford is enjoying a quarter's vacation in New York City.

The new cover design for The Ohio State Engineer, which makes its first appearance this issue, was made by Gilbert H. Coddington, Arch. and Arch. E. 4. Coddington, one of the high ranking students in design courses in the Department of Architecture, was chosen by the staff of The Ohio State Engineer to design the new cover.

ENGINEERING PHYSICS

Two men outstanding in the field of theoretical physics have been added to the physics department. They are Professor Alfred Lande of the University of Tübingen, Germany, and Dr. L. H. Thomas from Trinity College, Cambridge University, England.

A new machine shop and much other new equipment is being added to the present equipment of the physics department, making use of the space left by the removal of the English department to the new Derby Hall.

CERAMIC ENGINEERING

The ceramic engineering department has added to its equipment three research laboratories for graduate students and a large testing laboratory equipped with electric furnaces, load-testing machines, and other special apparatus for advanced research.

A new course in glass technology including laboratory work has been introduced and is required in the senior year. Professor D. J. McSwiney, who has had wide experience in glass plant research, is in charge of the course.

A fellowship in research of metal enamels has been established and W. C. Rueckel, '29, will handle the research under Professor R. M. King.

DEPARTMENT OF INDUSTRIAL ENGINEERING

The department of industrial engineering is adding to its equipment many new tools, among which is a Nazel electric forging hammer. It has a capacity of 4" square and is adapted to plain forging and die work. The hammer is driven by an induction motor and weighs 13,000 lbs. The machine shop also has eight new lathes. The lathes are South Bend quick change lathes of 16" capacity. The students of Mr. Morrison's millwrighting class are erecting these lathes in the shop. The work of erecting them started Oct. 3.

The research for the Cincinnati Milling Machine Co. will be continued under the direction of Charles Beard.

STUDENT SOCIETY OF INDUSTRIAL ENGINEERING

A membership drive is being conducted among the freshman and sophomore students of industrial engineering. All students who have industrial engineering courses are cordially invited to attend the society's meetings. Notices of meetings will be posted on the bulletin boards of the various engineering buildings.

The officers of the society for the present year are:

President—William R. Fielder, '30.

Vice-President—Ernest Fuller, '30.

Secretary—Carl Habel, '30.

Engineering Council Representative—Francis Markey, '30.

Representative Advisory Board of Ohio State Engineer—William H. Shupe, '30.

Publicity Committee—Ralph Jenkenson, '31; William H. Shupe, '30.

ARCHITECTS' "BLARNEY STONE"

Unknown to many who see it, the capital that rests in front of Brown Hall really has quite a history. At one time it graced the top of one of the huge columns on the front of the famous Madison Square Presbyterian Church in New York City. In 1906, when this building was erected in the heart of New York, it was considered one of Stanford White's masterpieces. Up until 1919, when the church was torn down to make room for a skyscraper, it was world renowned for its architecture. Therefore it is quite fitting that Brown Hall should be the final resting-place of this huge capital. The broken acanthus leaf is the architects' "Blarney stone."—H. H. S.

ENGINEERING TAUGHT BY MOVIES

Where correspondence courses in engineering, not to mention resident courses, are concerned, there is probably no quicker method of teaching than that utilizing motion pictures. To those who have never seen an animated movie such as those produced and used to a large extent in army and navy schools during the World War, it is not perhaps apparent at first why the motion picture should be so astonishingly useful in depicting the action of electrical and mechanical apparatus. Several scenes from one of the many "lesson" reels supplied to students by the National School of Visual Education show the circuits of an electric motor, while several others show the action of a transformer. By means of these animated movies, the building-up and the collapse of the lines of magnetic force in the field of a transformer or a motor are clearly shown in such a way that the student will never forget the action so presented in picture form before his eyes.

—*Science and Invention.*

Engineering Council held its first meeting of the year Thursday, October 17. New members were introduced, and then plans for the Engineers' Roundup were discussed. This year one of the jobs of the Council will be the staging of the biennial Engineers' Day, usually held in the Spring.