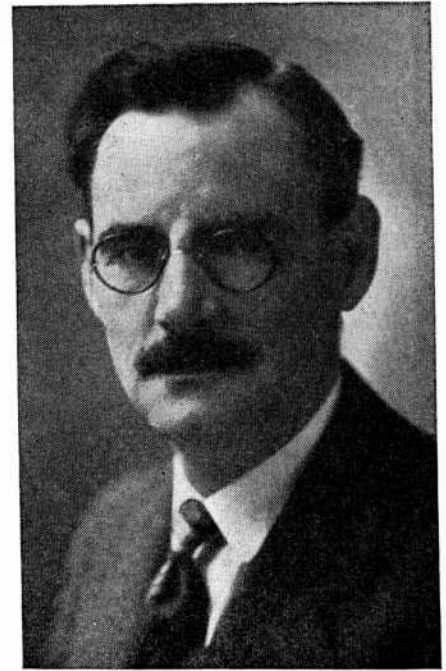


The department of mechanics has shared in the rapid growth of the college of engineering under the direction of Professor James C. Davis. Where fifteen years ago one man handled the department and assisted in others, now it keeps four men not only busy but the problem of enrollment has become a serious one

## The department of mechanics

BY JAMES C. DAVIS



**T**HE department of mechanics of the college of engineering appreciates this opportunity of extending its greetings and best wishes to the alumni. The personnel of the department includes James C. Davis, head of the department; R. V. James, associate professor; A. M. Lukens, assistant professor; and L. A. Comp, instructor.

Some fifteen years ago, when the writer came to the school the department of mechanics was a one-man department and the instructor was able to handle the required courses, and for a brief time at least, to fill in and assist with some of the subjects in mechanical engineering. Conditions have greatly changed since that time. Our enrollment has grown until it has been necessary to over-crowd many of our classes, single sections, in some instances having as many as fifty men enrolled in them, in such subjects as applied mechanics and hydraulics. Despite the size of these classes, we have been endeavoring to maintain our standards of accomplishment.

It may be of interest to some of the less recent graduates to know that during the past few years courses have been established in aerodynamics and airplane stress analysis, and that a number of courses are offered regularly in such subjects as advanced statics and kinetics, advanced strength of materials, history of mechanics, theory of machines, and advanced machine design. Hardly a semester passes in which we do not have

students enrolled in some two or three of these advanced courses.

In looking over the records of accomplishment it is a real pleasure to note the number of alumni who have already "delivered the goods" carefully wrapped, securely sealed, and properly labeled; and to note the large number of others who are headed in the right direction. While we hope to see and talk with some of you during the St. Pat's celebration let us assure you that our offices always keep "open house" and we would be pleased to see or hear from any of you at any time.



### ARCHITECTURAL ENGINEERING

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an art school more capably directed, with a stronger reputation, than the one at our own institution guided by Professor O. B. Jacobson? The library in the institution has a reputation exceeded by few. With these allied fields, the architectural school has met with the hearty co-operation of every individual. Special courses are offered in these schools making a large staff in the architectural school unnecessary. The close proximity of a metropolis like Oklahoma City can result in only distinct advantage to students in this school, the very least of which is an opportunity for commutation by the student enabling him to gain practical experience

along with his college training. A very important consideration is that we may schedule supervised inspection trips to the various fields of activity in the building industry, which are almost constantly in progress in the city. The student is, thus, not only enabled to view the erection of the buildings in the different stages of construction, but also to contact those in charge of the industry, a contact which may prove valuable in later years. The equipment in this school has been enlarged by material used by the art school and the college of engineering, the more important of which are books, lantern slides, projectors, testing machines and other laboratory equipment. The department, however, seldom is required to call upon the other schools for equipment since that in its possession is very comprehensive and is being added to at a rapid rate. We are not burdened with any out-of-date equipment, often the bugbear of an educational institution.

The growth of the department has been rapid but not out of proportion to the opportunities offered, and while our newly enlarged quarters are already overflowing, we are confident that relief will be forthcoming in the not distant future.

While we do not enjoy a large following of alumni, a decided asset, let us urge those of you that we have, and others interested, to visit us, criticize and comment. It is needless to add that we thank you and appreciate your support.