

is fitted up with the most modern appliances. The blacksmith-shop is one hundred feet by three hundred sixty-seven; the storage bin one hundred by five hundred; the brass foundry ninety by one hundred; and the power-house one hundred fifty by the same. In the latter, the two electric generators are two hundred fifty volts, the one being one five-hundred K & W, the other two hundred fifty K & W. There are also two compressed-air machines. The furnaces are self-feeding. The coal is conveyed by a series of hoppers and deposited in a receiver; the furnace is

fed by a regulation machine; and the slowly revolving grating removes the ashes.

The plant covers at present about thirty acres of ground. Seven millions of dollars have already been expended in its construction and as much more will be expended before it is complete. The intention of the Rock Island Company is to concentrate its car- and locomotive shops at this place. All this shows how Rock Island and Moline and the neighboring localities are proving themselves to constitute a manufacturing center great at present and with a greater future in store.

## AUGUSTANA PRE-MEDICAL DEPARTMENT.

PROF. LOUIS OSTROM, A. B., M. D. ('95).

Give the origin and insertion of the Levator-labii-superioris-alaque-nasi? No, its origin and insertion is not in the Latin dictionary but on each side of your nose. Ask any of the pre-medics and he will tell you all about it. This little muscle happens to have the longest name of all the muscles of the body and is therefore of curious interest. Most of our work brings us into frequent use of long Latin names like that above, but it does not take long to forget the awfulness of their sound and instead become interested only in their shape and use in the economy of the body. Our work is at the same time the driest and most interesting at Augustana. No book is as dry as Gray's Anatomy the first time you read it, but as soon as you get into the dissection-room and "get your hand in" and trace each nerve, artery, muscle, etc., of the entire body, you have positively the most interesting and useful study at the College. "Man, know yourself and learn how wonderfully and fearfully you are constructed, that you may the better care for your body and mind."

Last fall we began with lessons from Gray's Anatomy following the course outlined by the State University of Iowa and the Medical Schools of Chicago, for their Freshman year, and which schools admit our pre-medical graduates to their Sophomore year. To explain the text we used human bones of which we have several sets, and dissected a great number of dogs for the study of the heart and other organs which are like those of the human body. After completing the study of all the bones, we began the dissection of a human body, carefully em-

balmed and injected, and by the end of the term each student will have dissected every part.

In our work in Histology we prepare sections of all the tissues of the body which are stained and permanently mounted on glass slides for examination under the microscope. Here is where we learn that beauty is only skin deep, in fact not even so deep. In Anatomy we learn all about the parts of the body that can be seen with the naked eye, while in Histology with the aid of the microscope we learn of what kind of cells the tissues are made up.

In addition to the above subjects, Physiology and Chemistry are also pursued in the Pre-medical course, but of these we need make no mention, as they are more or less well known to all of you.

The anatomy room, fitted up in full detail, is the old art room above Prof. Grafström's studio, far above everybody in the building, where we can work to suit ourselves without any interference, and where we can bother no one else.

The course calls for six hours a week of Anatomy and six hours of Histology, but as a matter of information to the rest of the students we inform you that we spend more than twice that much time at our work.

Is it interesting? Well, who is more interesting than yourself? And what is more useful than to know how to care for yourself?

If at all interested in this work of university expansion, we extend an invitation to visit us at any time in our Pre-medical department.