practice in blue prints, or in sensitizing of silver paper.

Fourth Day. Silver printing.
Fifth Day. Mounting and burnishing.

Two students will work together in each of the two dark rooms, and each student will thus obtain a complete knowledge of the principles of photography, from the taking of the negative to the completion of the silver print.

Besides the above arrangements, an advanced photographic course will also be established later on, for the benefit of students in particular departments. This will include Preparation of Emulsions, Hydrokinone, and Pyrogallic Development in its various forms, Platinotypes, Instantaneous Photography, Spectrum, Microscopic, and Solar photography, and measurements of the sensitiveness and contrast qualities of the various makes of dry plates.

It is also proposed another year to establish a short course of lectures on the various photographic processes, such as carbon printing, the Woodburytype, Artotype, Heliotype, etc. These will be open to all the courses, as it is considered to be a matter of general interest.

In providing for routine instruction, original photographic research has not been forgotten, and no pains have been spared to make the laboratory as thoroughly adapted for this class of work as the means at our disposal would permit. A solid brick pier has been erected between the larger dark room and the south window. This will be utilized for supporting the new heliostat, and the microscopes, spectroscopes, etc., to be used in advanced photographic work.

Tables, sinks, and cases will be constructed in the outside room, and all the more important photographic appliances will be provided, to make the instruction in the course as complete as possible.

As illustrative of the class of advanced work that it is intended to do in the department, the following researches have already been planned and partially executed. Mr. Holder, '84, has made some determinations of the absolute sensitiveness of photographic plates, by a new method which does not involve the use of a standard light, and thereby avoids all the difficulties and uncertainties incident thereto. Mr. Doane, '84, has begun some work on spectrum photography, and it is expected that photographs will be taken of the extreme red and infra-red region, by a new method which was tried successfully for the first time, last year, in the Institute laboratories. Mr. Hovey, of the Biological Department, will undertake some experiments in photo micrography, and perhaps make some determinations of the value of different microscopic objectives for this class of work. Finally, Mr. Hutchings, '83, will attempt to repeat Prof. Huggins's experiments on photographing the solar corona without an eclipse, making use of a five-inch objective loaned for the purpose by the Harvard Observatory. It will thus be seen that the photographic Department will not be idle the coming year. Some results have been already attained, and with the improved facilities now offered, there is no doubt but still more will be accomplished.

The Correspondence University.

In this age of rapid progress it often happens to one who has had a collegiate or a technical training to be called to a position for which he is in the main well fitted, but which includes some special requirement which did not find a place in his school curriculum. Also a business man may take up some new process of manufacturing which requires a knowledge of some branch of science new to him. Again, the professional man may have been five years on the frontier away from libraries and technical publications, and hence he feels himself rusty and behind the times.

For these, as well as for those who for any reason are debarred the privilege of a full course of study, there is now offered a chance of study under careful direction of experienced teachers, specialists, such as has heretofore been accessible to very few. The announcement says:

The Correspondence University is an association of experienced instructors, who have been carefully selected, not only for their knowledge of the subjects assigned to them, but for their skill and ability in teaching. Its pur-