

sufficient to cope with the problems that came up; now owing to the rapid development of engineering, and the many complications thus brought about, his skill is fast becoming insufficient, and he is fast giving place to the man with theoretical training and the ability of application.

The Mechanical Department of our institution aims to give this fundamental training, and to so develop the mind of the student that when he has completed his course, he has learned how to think, and is able to so differentiate a proposition by clear and logical reasoning that he can determine the proper application of a required theory to the particular problem under consideration.

This result is brought about by a careful training in the fundamental principles with their application to specific cases, and by a course in English, Logic, Psychology, Business Law, and such kindred subjects as tend to produce broad-mindedness. As an illustration, while the theory of the shaft governor is being taken up in the class room, the student is required to design one in the drafting room, to meet certain practicable considerations. Then the courses in the laboratories and shops play an important part in inculcating in the mind of the student correct methods of procedure.

While the student acquires certain specific information in mechanical engineering, the subject is so vast that it would be impossible to acquire this information upon all subjects included under this head; thus only a few of the most important are selected for study, special stress being laid upon method, whether in the class room or laboratory, so that if in after life an entirely different problem should be presented the student would know how to attack it and reach a solution.

To fit its students to become successful engineers, to make men, men with honesty of thought as well as of deed, is the desire of The Armour Institute of Technology. For upon such men does the reputation of our Alma Mater depend.

