

THE BATTALION.

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THE M. E. DEPARTMENT.

The course in Mechanical Engineering, as offered in this institution, is calculated to instruct the student in the theory of the subject as well as the practical, and make him a capable mechanical engineer. In almost every case the theory of any subject is closely followed by the practical application of it. Many machines and apparatus could be improved upon, but taken as a whole a very good and thorough course is offered.

Prof. Whitlock, the head of this department, is a graduate of the Stevens Institute of Technology. He has had wide experience in his line of work, being connected with the Jersey City Iron and Steel Works and the Brooks Locomotive Works. Prof. Drummond, the assistant professor, is a graduate of the Ohio State University, and has also had considerable experience in the designing of machinery.

Messrs. Foy and Whitehead, instructors in iron and wood, are both competent men in their lines of work.

The building is a good substantial one, containing two section rooms, a designing room, a joinery, blacksmith shop, wood turning and iron work room. In the joinery there are seventeen complete work benches. The wood turning has fifteen lathes. For iron work there are six lathes, a miller, planer, shaper, drill press, grinding machine, two emery stones and a grindstone. The blacksmith shop has forges.

The first rudiments of machinery are obtained from a book en-

titled "Power and Power Transmission," written by a graduate of this college who was for a number of years assistant professor of M. E. in his Alma Mater. Numerous models of engines, valves and the like are exhibited to aid the student in thoroughly understanding the subject. Then special subjects, as indicator practice and steam engine economy and slide valve, are taught. In connection with this the action of several of the valves in use in the college is shown, indicator cards are taken and worked up by means of the planimeter, and other points in connection with the subject are pointed out and explained. Inventions of the day, special steam appliances and the most economical practice as used by modern engineers are freely discussed in the class room.

The most important part of the course is given in the Senior year. This is the study of machine design. First, a term is taken up with theory, and then the second term of theory is carried on directly in connection with practice on the drawing board. Twelve hours a week of design on the drawing board is given in the Spring term which completes the course.

In practice the student is first instructed in the joinery. He learns not only the handling of tools but also their proper care. Only six exercises and the working drawing of each are required, but only the skillful finish before the time allotted is out. He then goes either to the blacksmith shop or the wood turning. In each of these branches thorough instruction is given. In the blacksmith shop, tempering, welding and forging are taught, while most of the common turning in general use must be made before the student is ready to pass out of the wood turning. Then he goes to the iron work. Instruction is given in lathe work, milling, planing, sloping, chipping, filing and surfacing. Such practical exercises as screw threads, gear wheels, taper screw threads, key ways, boiler taps, pinion racks, and the like are made besides the proper care and use of the machines.

Experimental work is taken up in the Senior year and many important and interesting experiments are made. This part of the

course is still somewhat deficient but efforts are being made to improve it and no doubt in the near future a laboratory will be equipped and a thorough course of instruction given.

Besides the theory and practice already mentioned, every Senior is required to superintend the College Steam plant for several days under the supervision of the superintendent and professors. All the practical points of a steam plant and its management are brought to their attention.

Having completed the above course of instruction, a graduate from this college is ready to go forth into the world as a competent mechanical engineer. Many of our graduates are now holding high and responsible positions, such as superintendents, foremen, chief engineers and like positions.

A Senior M. E.

BASKET BALL.

A stranger seeing this heading would naturally infer that we were the proud possessors of a basket ball team. Even if he didn't see such an article in the paper, he would suppose so. He reasons that the A. and M. is an up-to-date college, holding its head high above most of our schools in football, and is with the leaders in base ball. He reasons, also, that we put out a very good track team each year; and although he has not yet heard anything about it, of course we have a fine basket ball team. That's about what the average man thinks about us. He would be surprised if we were to tell him that we did not have a basket ball team on the campus, and his good opinion of A. and M. in athletics would be materially shaken. Let's don't be classed as a back number. We have basket ball stars here among us. We are hiding our light from the world. Organize a team and show Texas that we are not only shining lights in base ball and football, but also in basket ball.

"D" COMPANY 16, "C" COMPANY 8.

In a game of base ball played the first of the week, "D" company turned "C's" laurels of the previous day to weeping willows of a Brazos bottom swamp.

"C" company's team did some good work, but the "D" company boys did better.

The promising men for the squad from "D" company who took part in the game were Williams, a second Tom Adams, Huff, Hackney, the old reliable, and Lane. From "C" company were Crooks, Kelly and Lipscomb. We know what Crooks is—a man that didn't lose a game he pitched last season. We know Kelly only by reputation, and this reputation we hope to see him strengthen. Lipscomb, well, he needs no comment, he just never fails.

Cornell has a good chance to make catcher, if he will only reduce the size of his head so that he can get a mask that will fit it.

Mr. Dean, art editor of the Long Horn, wishes to remind those who are going to hand in drawings for the prizes offered, to remember that the time expires February 15. All drawings, whether for the competition or not, should be in by not later than the fifteenth of February. He urges everybody to try.

THE NEW SPRING STYLES



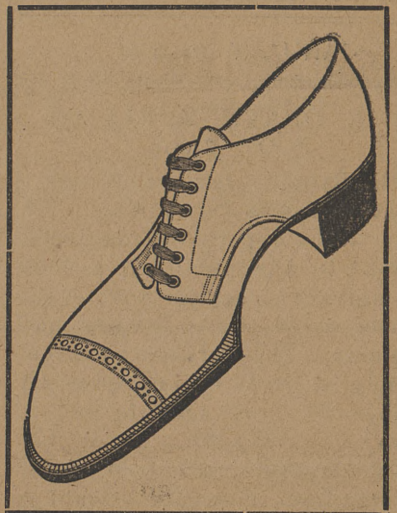
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"B" AND "C" COMPANIES.

A game of base ball was played on the campus last Saturday between "B" and "C" companies.

The result was a complete victory for "C" company, the score being 13 to 0. This was not one of the championship series, but only a practice game. The features were the pitching of Bivins and the team work of "C" company. The players are as follows:

Co. "C."	Co. "B."
Potts.....e.....	Simmons
Bivins.....p.....	Storey
Rainey.....1b.....	Harrison
Crooks.....2b.....	Gilbert
Wickes-Bittle.....3b.....	Moore
Kelley.....s.....	Noble
Lipscomb.....lf.....	King
Reese-Bruce.....cf.....	Welhausen
Wallace.....rf.....	Mulikin
H. E. Hanna did the indicator work.	

THE GLEE CLUB.

The Glee Club is now ready to give to the public some of the good things they have been preparing in the way of music. On February 4th they will give a public entertainment in the chapel, complimentary to the corps. The club consists of twelve members. These singers will be aided by Mr. Max Mayer, of San Antonio, with his violin. After the entertainment in the chapel, they will go to Bryan at an early date and give an entertainment there. There is also a trip scheduled for Navasota. Probably many more will be taken, but they have not been arranged for this early in the season. These boys are working for the good of the college,

and should be encouraged in the work. We are certain they will make a creditable showing, and that it will be acknowledged by the corps next February 4th.

A young lady applying for a position as teacher at College Station, was asked to state her position on whipping children. She replied: "My usual position is on a chair, holding the child tightly across my knees, with its face downward." She got the place!

D company held a meeting in the guard room Saturday night for the purpose of electing a base ball manager. Mr. Dudley Rogers was chosen by acclamation. A committee was appointed to look into the matter of buying suits.

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