Courses of Study

The Engineering Branches

When this college was founded, some thirty years ago, it was for the work may be had. This may possibly the textile department has nine. There ing departments of our school. Modern purpose of "instruction in agriculture be installed during the next year. It is and the mechanic arts, and the nature is also intended to arrange the course of the departments will make a grand al sciences connected therewith." This quotation, from the annual catalogue greater amount of laboratory and ex-tile department especially offers unof the institution, shows the scope of work to be done by the school, as acquinted with the practical side of fully-equipped cotton mill at its disoriginally intended. The name, "Agricultural and Mechanical College," also shows that agriculture and mechanical engineering were supposed to be the counts for the fact that over 40 per the finished cloth. The value of this main lines of work of the school. But the college outgrew these bounds, and are prospective civil engineers; for that the student taking advantage of within a comparatively short time, most of the graduates of the civil en- the course will certainly not be hamptoo. To the department of mechanical gineering department take the course ered by an insufficient equipment. The cal engineering were added in course of time: Civil engineering, electrical work. This course of civil engineer pects to get a new home in the near engineering, textile engineering, and ing was introduced in 1887, five men future. This building, together with architectual engineering. This addi-graduating from the department in the new equipment, will necessiate an extion of new departments was not by way of experiment—it was the supply of a demand, which, in some cases, had been there before it could be

goes well up into \$14,000, more is his profession.

with the intention of entering railroad electrical engineering department exfollowing year. These five men have penditure of about \$40,000. been the beginning of a long line of 234 graduates, who left their alma stance of "the extremes meeting." mater for the purpose of helping their This is furnished by the combination State by work in the broad field that of the departments of drawing and of As has been said, the department lies before the civil engineer. It is architectual engineering. The depart-

ed the authorities in 1904 to add to neer is well needed. The indications this college the department of electri- right at present are that the demand cal engineering and textile engineering. In point of age, they may be called the babies of the college; but the electrical engineering department noble career before it. As to the deat least has already outgrown the partment of drawing, we can say that swaddling clothes, for it boasts of a it is working right along, hand in asked for, so that a shop for foundry total number of 40 graduates, while hand, with the various other engineerno doubt, however, so that the student may receive a success in course of time. The texperimental work, so as to get better usual advantages, for it has a real posal. So the student may start in The American is noted for his desire with a bale of cotton, trace it through for rapid locomotion. Perhaps that ac- all the various processes, and turn out cent of the graduates of this school equipment, well over \$30,000, shows

We have at this school another in-

for artistically as well as practically trained builders is increasing. It is certain that this department of architectural engineering has a great and engineering practice lays quite a stress on the draftsman; it even demands some ability for free-hand sketching of simpler devices, and all possible means are used here toward meeting that demand. With this idea of progress in mind, the drawing book, used by the Sophomore class, will probably be changed this year, so as to make it more practical and up to date. Quite a number of casts have recently been acquired, which will be of special benefit to the architectural

Agriculture at A. & M.

Agriculture, as taught at this college, is divided into three departments: Farm Husbandry, Animal Husbandry and Horticulture.

The farm husbandry department is headed by Professor Alvord, with



A Scene in the Pasture.

of mechanical engineering was the a fact that the department of civil ment of drawing, as such, was created Mr. Thomas and Mr. Puckett as assiststarting out to help the world by working in the machine shops of our nation. This bunch of young men had the distinction of being the only grad- lege. uates that year, the department of ag-

has passed and 211 young comes to our mind; but if we then ex- State as ours is the

first in point of time. It graduated its engineering, although located only in as far back as 1888. But in 1905 the ants. This course comprises farm first men in 1882, twelve young men a little corner of the Main Building, department of architectual engineer- crops and management, with the differdoes actually turn out more graduates two departments were united under tion. It is supplemented with a good ing was added to this college, and the ent systems of drainage and irrigathan any other department of the colone head as the department of architectural engineering and drawing. Surveying grand old Texas from This department has as yet had only riculture not graduating any men at north to south, from east to west, three graduates. But that is not surthat time. Since then a quarter of a that old saying, "Cotton is King," prising at all. In a relatively young placed all the different implements men have received their diplomas amine the progress made in recent people naturally lay more stress implements are loaned to the college from that department in the meantime. years, along the lines of what we on the usefulness of things than by the various large implement fac-The course has been changed recent- might call general engineering, we on the beauty. And a trained tories in the State. Such machines, ly, with a view of bringing it fully up are led to supplement our first state mason or carpenter can build a house as the large improved binders and to the present requirements of the ment by saying: "If Cotton is King, well enough, but to build the same harvesters, are set up and connected profession. Although the value of the Electricity is Queen." It must have house, and build it so as to satisfy the equipment owned by the department been a thought like that which prompt- idea of beauty, the architectural engi-

course in dairying, of which Mr. Thomas is the head.

This department is just putting up a new building, in which there will be used for improved

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