

## V. THE SCHOOL OF MECHANIC ARTS.

PROFESSORS ANDERSON AND WILSON.

Instruction will be given specially in Mechanical Drawing, Steam Engineering, Applied Electricity, Machine Design, Materials of Construction, Transmission of Force, Shop Work, Mathematics and English.

The courses are designed for Machinists, Carpenters, Metal Workers, Engineers, Firemen, Superintendents of Electric Light Plants or of public buildings having power plants; artisans of all classes, and especially for young men who intend to take up engineering, or for high-school and other students who may wish to shorten or to lighten the work of the four years' course in college. Night sessions are held from 7 to 10, except Saturdays.

Students admitted without examination.

The session begins June 19th and ends August 3rd. Fee, \$25.

For information address the Registrar,

A. M. WILSON, Lexington, Ky.

## VI. THE SCHOOL OF CIVIL ENGINEERING.

PROFESSOR ROWE, ASSISTANT PROFESSOR CARREL.

Courses will be offered in—

1. *Structural Drafting*—The course embraces fifteen plates of structural detail, nearly every detail met in actual practice.

2. *Plane Surveying*—An elementary course in land surveying, and in the use of surveying instruments. Recitations, lectures, and field work involving practice in the use of chain, tape, compass, transit and level.

3. *Graphic Statics*—Principles and methods; roof and bridge trusses; locomotive wheel loads; trusses with broken chords; miscellaneous trusses.

4. *Railway Engineering*—Location of curves; compound curves; changing radius; shifting curve; turnouts from straight or curved track; sidings and crossovers; location and earth-work computation.

5. *Roof and Bridge Design*—Theory and design of roofs, bridges, stand pipes, towers and other structural problems.

6. *Stone Cutting*—Plane-sided surfaces; structures containing developable, warped, or doubled-curved surfaces.

The session will begin June 10th and end July 19th.

A fee of \$10 will be charged for any one course, and \$5 for each additional course. Rooms free; table board from \$2 to \$3 per week.

For further information send for the State College catalogue or write to

W. E. ROWE, 518 Rose Street; or to

W. J. CARREL, 343 S. Upper Street,

Lexington, Ky.