

Text-books, etc., Continued.—Galbraith—Manual of the Steam Engine.

Kutter—Hydraulic Tables.

Fee for Special Students, \$15.

(V.) PRINCIPLES OF MECHANISM.

Classification of the parts of Machines and their motions, Pitch Surfaces, Spur Wheels, Bevel Wheels, Skew-bevel Wheels, Trains of Wheelwork, Teeth of Wheels, Cams, Cranks, Eccentrics, Links, Bands and Pulleys, Hydraulic Connections, Frictional Gearing, Link motion for Slide Valves, etc., etc.

Text-books and Books of Reference.—Rankine—Machinery and Millwork.

Camus—Teeth of Wheels.

MacCord—Slide Valve and Eccentric.

Goodeve—Elements of Mechanism.

Fee for Special Students, \$15.

The foregoing comprises the work to which the lectures and practical instruction will be principally confined. In addition the Student will be required to obtain by reading and observation during his course a certain amount of information regarding the processes and details of Engineering Works as below :

(VI.) ENGINEERING WORKS.

Roads and Bridges.

Canals and Harbours.

Water and Sewage Works.

Manufacture of Iron and Steel.

Manufacture of Mortars and Cements.

Workshop and Foundry Practice.

Mining Machinery and Processes.