

I. DEPARTMENT OF CIVIL ENGINEERING.

(Including Sanitary Engineering.)

This Department is intended to afford the necessary preliminary preparation to students intending to become Civil Engineers (including under this term Sanitary Engineers).

I. YEAR.

MATHEMATICS.

Euclid, Algebra, Plane Trigonometry.
Analytical Plane Geometry.

MECHANICS.

Statics and Dynamics (with special reference to structures and machines).

DRAWING.

Copying from the flat. Lettering. Topography.
Original Surveys.
Graphics.
Descriptive Geometry in its application to plane sided solids,
Orthographic (including Isometric) and Oblique Projection.

SURVEYING.

Field and Office Work—Chain and Compass Surveys—Topography—Preliminary instruction in the use of the Transit-Theodolite—Plotting, Mensuration.

CHEMISTRY.

Elementary Chemistry, with Laboratory Practice.

II. YEAR.

MATHEMATICS.

Differential and Integral Calculus.
Spherical Trigonometry.
Plane Astronomy.

PHYSICS.

Hydrostatics.
Optics.