

COURSE OF CIVIL ENGINEERING.

1ST YEAR.

1. Algebra, including the general theory and numerical solution of the higher equations above the second degree.
2. Plane and solid Geometry.
3. Rectilineal and Spherical Trigonometry.
4. Analytical Geometry of two and three dimensions, including Conic Sections.
5. Analytical plane and Spherical Trigonometry.
6. Mensuration of surfaces and solids.
7. General principles of Optics.
8. Use and adjustment of Surveying Instruments, of Thermometer, Barometer, &c.
9. Land Surveying.
10. Protraction, reduction and lettering of plans, maps, &c.
11. Chemistry and Botany.

Principles of Moral Philosophy.